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Remedial Investigation Report
for
Site 46 (Former Building 72)

Naval Air Station Pensacola
Pensacola, Florida

Contract Task Order 0367

October 2008

NAVFAC Naval Facilities Engineering Command
NAVFAC SOUTHEAST
NAS Jacksonville
Jacksonville, Florida 32212-0030

TETRA TECH NUS, Inc.

Rev. 2
10/28/08

REMEDIAL INVESTIGATION REPORT
FOR
SITE 46 (FORMER BUILDING 72)

NAVAL AIR STATION PENSACOLA
PENSACOLA, FLORIDA

Submitted to:
Naval Facilities Engineering Command
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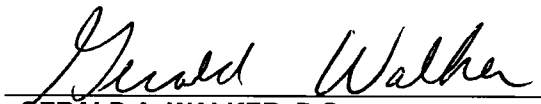

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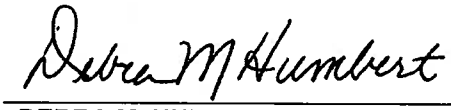

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PROFESSIONAL CERTIFICATION

Remedial Investigation Report
Site 46 (Former Building 72)
Naval Air Station Pensacola, Florida

This Remedial Investigation Report was prepared under the direct supervision of the undersigned geologist using geologic and hydrogeologic principles standard to the profession at the time the report was prepared in general conformance with the Requirements of Chapter 62-770, Florida Administrative Code. If conditions are determined to exist that differ from those described, the undersigned geologist should be notified to evaluate the effects of additional information on the assessment described in this report. This report was developed specifically for the referenced site and should not be construed to apply to any other site.

Gerald A. Walker
Professional Geologist
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October 28, 2008
Date

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ACRONYMS

ALM	Adult Lead Model
ASL	above screening level
ATSDR	Agency for Toxic Substance and Disease Registry
BCF	bioconcentration factor
bls	below land surface
BRAC	Base Realignment and Closure
BSL	below COPC screening level
°C	degrees Celsius
Cal EPA	California Environmental Protection Agency
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLEAN	Comprehensive Long-term Environmental Action Navy
CLP	Contract Laboratory Program
Cm^2	centimeters squared
COC	Chemical of Concern
COPC	Chemical of Potential Concern
C_{SAT}	Soil Saturation Limits
CSF	cancer slope factor
CSM	Conceptual Site Model
CTL	Cleanup Target Level
CTO	Contract Task Order
CVOC	chlorinated volatile organic compound
DCA	dichloroethane
DCE	dichloroethene
DPT	Direct-push Technology
Eco SSL	ecological soil screening level
EDB	ethylene dibromide
Eh	Oxidation Reduction Potential of Groundwater
EPC	exposure point concentration
ESV	ecological screening values
eV	electron volt
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FL-PRO	Florida Petroleum Range Organics
FS	Feasibility Study
GCTL	Groundwater Cleanup Target Level

ACRONYMS (CONTINUED)

gpd	gallons per day
HASP	Health and Safety Plan
HEAST	Health Effects Assessment Summary Tables
HHRA	Human Health Risk Assessment
HI	Hazard Index
HQ	Hazard Quotient
HSDB	Hazardous Substance Data Bank
ID	internal diameter
IEUBK	Integrated Exposure Uptake Biokenetic
ILCR	Incremental Lifetime Cancer Risk
IR	Installation Restoration
IRA	Interim Removal Action
IRIS	Integrated Risk Information System
IWTP	Industrial Wastewater Treatment Plant
K_d	distribution coefficient
K_{OC}	Organic Carbon Parition Coefficient
K_{Ow}	Octanol/Water Parition Coefficient
LOEC	lowest observable effect concentration
MCL	Maximum Contaminant Level
mg/day	milligrams per day
mg/kg	milligrams per kilogram
MI	Mobility Index
MRL	minimal risk levels
MWR	Morale, Welfare, and Recreation
NAS	Naval Air Station
NAVFAC SE	Naval Facilities Engineering Command, Southeast
NCEA	National Center for Environmental Assessment
NEESA	Naval Energy and Environmental Support Activity
NRWQC	National Recommended Water Quality Criteria
NTTC	Navy Technical Training Center
NTX	no toxicity criteria
NUT	essential nutrient
OPPTS	Office of Prevention, Pesticides, and Toxic Substances
ORNL	Oak Ridge National Laboratory
OSWER	Office of Solid Waste and Emergency Response

ACRONYMS (CONTINUED)

OU	Operable Unit
PAH	Polynuclear Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyl
PCE	tetrachloroethene
PEF	particulate emissions factor
PID	photoionization detector
ppm	parts per million
PPRTV	Provisional Peer Reviewed Toxicity Values
PRG	preliminary remediation goal
PVC	polyvinyl chloride
QA	quality assurance
QC	quality control
RAGS	Risk Asessment Guidance for Superfund
RBC	risk-based concentration
RBCAP	risk-based corretive action process
RCRA	Resource Conservation and Recovery Act
RfD	reference dose
RI	Remedial Investigation
RME	resonable maximum exposure
RMO	Risk Management Option
S	Water Solubility
SAP	Sampling and Analysis Plan
SARA	Superfund Amendments and Reauthorization Act
SCTL	Soil Cleanup Target Level
SCV	secondary chronic value
SDWA	Safe Drinking Water Act
SMCL	secondary maximum contaminant levelo
SMPD	scientific/management decision point
SOP	Standard Operating Procedure
SPLP	synthetic precipitation leaching procedure
SQG	Soil Quality Guidelines
SQL	sample quantitation limit
SSL	Soil Screening Level
SVOC	Semivolatile Organic Compound
SWL	Static Water Level

ACRONYMS (CONTINUED)

TAL	Target Analyte List
TCA	trichloroethane
TCE	trichloroethene
TCL	Target Compound List
TEF	Toxicity Equivalency Factor
TPH	total petroleum hydrocarbons
TRW	Technical Review Workgroup
TtNUS	Tetra Tech NUS, Inc.
TRPH	total recoverable petroleum hydrocarbons
UCL	Upper Confidence Limit
µg/dL	micrograms per deciliter
µg/kg	micrograms per kilogram
µg/L	micrograms per liter
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
VF	Volatilization Factor
VOC	Volatile Organic Compound
VP	Vapor Pressure

EXECUTIVE SUMMARY

The purpose of the Remedial Investigation (RI) at Site 46 – Former Building 72, was to provide data to guide the selection of a remedy that is protective of human health and the environment for environmental contamination found at the site.

SITE HISTORY

Buildings 71 and 72 were used from 1935 up to the late 1970's for aircraft paint stripping and painting. Before 1973, wastes from paint stripping and painting operations were discharged directly to Pensacola Bay.

PREVIOUS INVESTIGATION NEAR SITE 46

An RI was conducted at Site 38 - former Building 71, east of Site 46, and reported metals, semivolatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and volatile organic compounds (VOCs) in site soil beneath the Building 71 footprint. Parameters reported in groundwater included metals, SVOCs, and VOCs.

NATURE AND EXTENT OF CONTAMINATION

The release of contaminants at Site 46 probably resulted from routine aircraft maintenance activities and storage of materials used in these activities. The detections of chlorinated volatile organic compounds (CVOCs) and metals at Site 46 supports paint stripping activities as a probable source of contamination.

The lead screening identifed one surface soil sample location with a lead concentration greater than the residential soil cleanup target level (SCTL). Lead concentrations in soil samples submitted for synthetic precipitation leaching procedure (SPLP) extraction exceeded the groundwater cleanup target level (GCTL) for lead. Arsenic was reported in two soil samples at concentrations greater than the residential SCTL. Aluminum was reported in one soil characterization sample with a SPLP result greater than the NAS Pensacola reference concentration.

TCE was detected at two soil boring locations near the northeast corner of Building 72 at concentrations greater than the industrial SCTL and leaching SCTL. Two additional locations had trichloroethene (TCE) concentrations exceeding the leaching SCTL. Acetone and phenol were also detected at concentrations exceeding the leaching SCTL in one sample from this area.

TCE and vinyl chloride were detected at concentrations exceeding GCTLs in two of the existing Site 38 monitoring wells that were sampled for this investigation. The vinyl chloride concentrations also were greater than the marine surface water criteria. Naphthalene was detected in four of the groundwater

samples collected at Site 46, with the concentration in one monitoring well greater than the GCTL. This well was located in the area where previous investigations had noticed a petroleum odor.

Aluminum and iron were detected in deep monitoring wells at concentrations exceeding the GCTL and the NAS Pensacola reference concentration. Arsenic, cadmium, lead, and vanadium were each detected in one groundwater sample at concentrations greater than the GCTL. Manganese was detected in most of the groundwater samples collected at Site 46.

RISK ASSESSMENT

The human health risk assessment indicated carcinogenic and non-carcinogenic risks for the hypothetical future resident for soil and groundwater. In soil, the primary driver of risk is TCE; in groundwater, the primary drivers of risk are CVOCs and arsenic.

The ecological risk assessment evaluated factors that affect potential exposures such as quality of the habitat, and potential use of the site by ecological receptors. Risk to soil invertebrates and plants from CVOCs and lead is low. However, this risk is lessened by the limited area of exposed soil available to soil invertebrates and plants. Potential risk from contaminants detected in groundwater is considered negligible.

CONCLUSIONS AND RECOMMENDATIONS

The area at the northeast corner of Building 72 where TCE and other CVOCs were detected in surface soil and subsurface soil samples will require active remediation to prevent further impact to site groundwater.

Metals and CVOCs in groundwater at Site 46 exceeded risk-based screening criteria. The proposed plan for remediation at Site 38 has established that natural attenuation of metals and CVOCs is sufficently protective of human health and the environment. Because the groundwater contaminants and concentrations for Site 46 are similar to those of Site 38, a similar remedial approach, monitored natural attenuation, should be considered for Site 46. A detailed evaluation of alternatives to achieve this goal should be presented in a Feasibility Study for Site 46.

1.0 INTRODUCTION

Tetra Tech NUS, Inc., (TtNUS), under contract to the Department of Navy, Naval Facilities Engineering Command, Southeast (NAVFAC SE) is submitting this Remedial Investigation (RI) Report documenting the investigation at Installation Restoration (IR) Site 46 (Former Building 72) at Naval Air Station (NAS) Pensacola, Florida. This RI was prepared under the Comprehensive Long-term Environmental Action Navy (CLEAN) III Contract Number N62467-94-D-0888, Contract Task Order (CTO) 0367.

1.1 PURPOSE OF INVESTIGATION

The primary objective of the RI is to provide data to evaluate the current environmental conditions and guide the selection of a remedy that is protective of human health and the environment for any contamination present at Site 46. In order to achieve this primary objective, samples from various media were collected and analyzed to evaluate the nature and extent at the site.

1.2 FACILITY BACKGROUND

NAS Pensacola (Figure 1-1) is located in Escambia County, in Florida's northwest coastal area, west of the city of Pensacola. The federal government established the Navy Yard at Pensacola in 1825. The Navy Yard was placed in caretaker status in 1911. Naval aviation operations began at the facility in 1914. The facility was expanded in 1930's as a NAS.

Current land use at NAS Pensacola consists of areas used for flight operations at Forrest Sherman Field, various military housing, training, support activities, and historical facilities open to the public including Gulf Islands National Seashore and the National Museum of Naval Aviation. Additional details on the NAS Pensacola facility may be found in the facility administrative record.

Site 46 is located in the southeastern portion of the facility, immediately north of and adjacent to the NAS Pensacola waterfront on Pensacola Bay (Figure 1-1).

1.2.1 Site Description and History

Site 46 is located in the southeastern portion of NAS Pensacola and includes the area south of the former location of Building 1 (Figure 1-2). The site is located approximately 90 feet to the west of the Former Building 71 footprint, where the RI for IR Site 38 was conducted (EnSafe, 1998). The site is bordered by Pensacola Bay to the immediate south, and is separated from the Bay by a concrete seawall. The area has recently been used for vehicle parking by Morale, Welfare and Recreation (MWR) and temporary boat storage by Port Operations.

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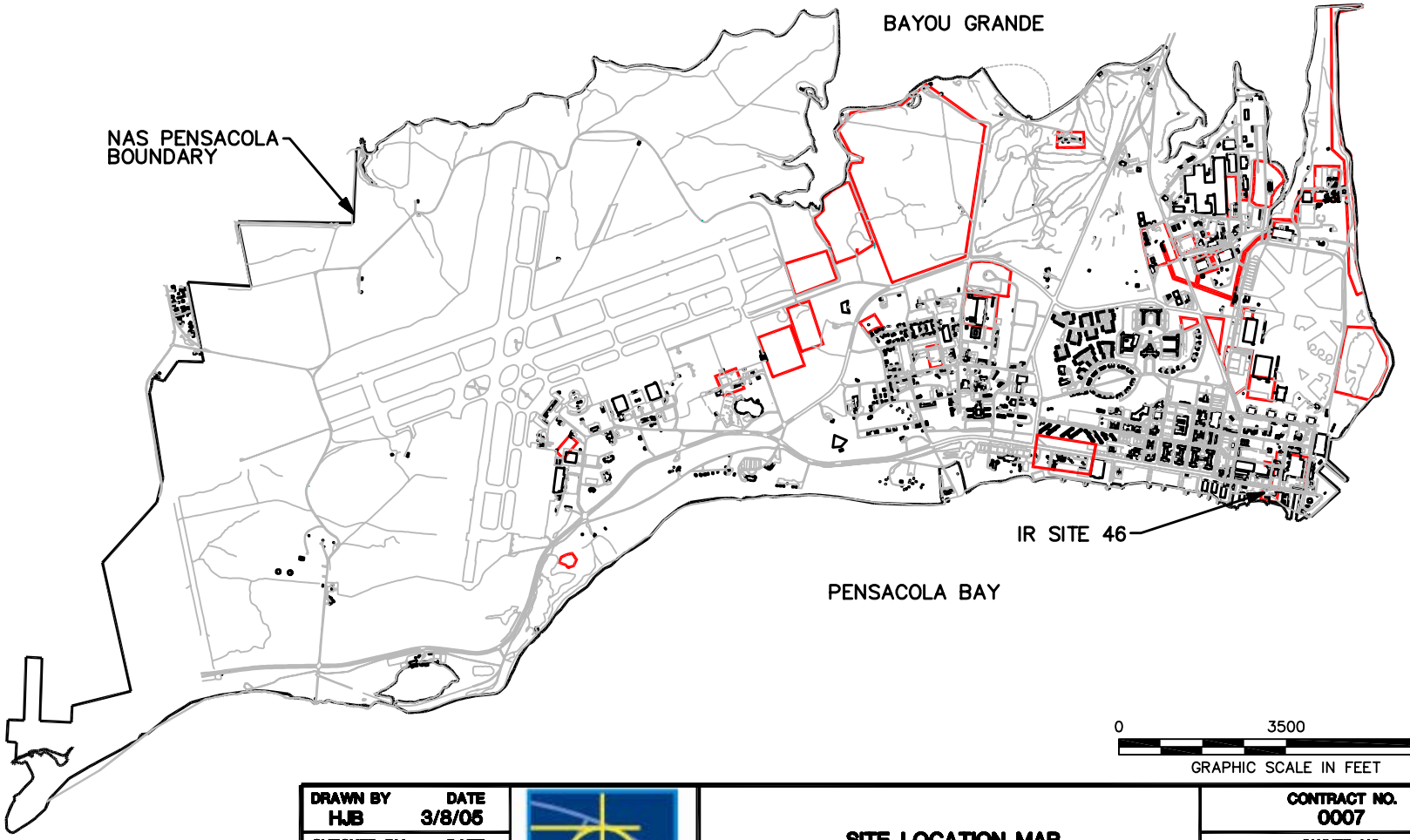

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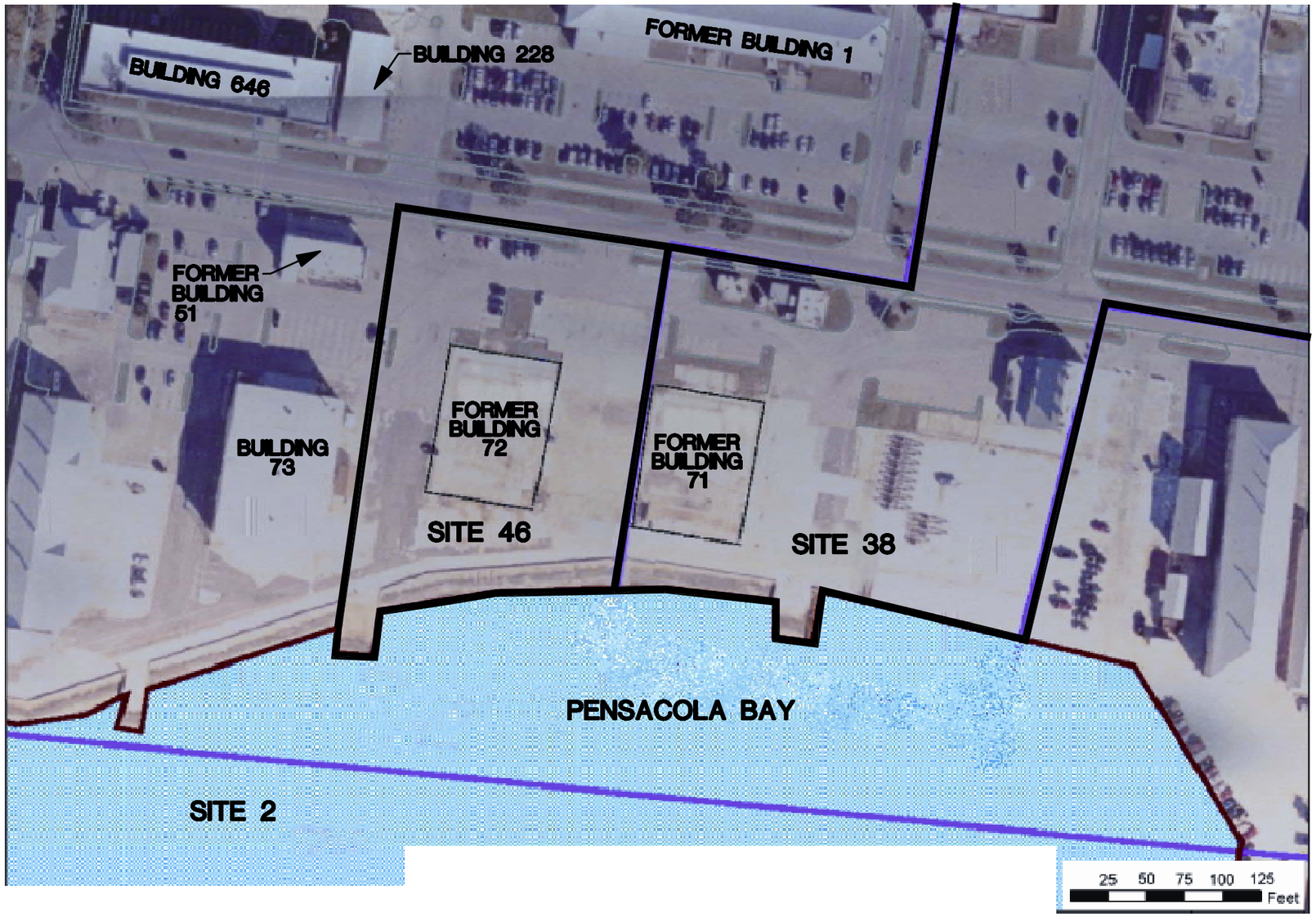

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Buildings 71 and 72 were constructed in the early 1920's and were steel-framed structures with metal roofs approximately 100 feet wide by 160 feet long (Figure 1-2). Prior to 1935, these buildings were sea plane hangars used for aircraft storage and maintenance. From 1935 up to the late 1970's the buildings were used for aircraft paint stripping and painting. Both buildings were demolished in mid-1993.

An estimated 400 gallons per day (gpd) of acrylic and epoxy paint stripper and another 400 gpd of ketone were used at these buildings during paint stripping operations. Other chemicals, including phenols and TCE, may have been used at the site. A series of interconnected drainage trenches in the floors of Building 72 and Building 71 (Figure 1-3) were used to collect waste solvent used in the stripping operations (EnSafe, 1998). Prior to construction of the Industrial Wastewater Treatment plant (IWTP) in 1973, these trenches drained directly to Pensacola Bay from the southern end of each building (NEESA, 1983). The surface water and sediments in Pensacola Bay immediately south of Buildings 71 and 72 were designated as Site 2 and investigated as an RI. After 1973, the trenches were connected to the IWTP sewer line south of the buildings. When the buildings were demolished, the drainage trenches inside the buildings were filled with concrete (EnSafe, 1998).

1.2.2 Environmental Investigations in the Vicinity of Site 46

Previous investigations in the vicinity of Site 46 consisted of the completion of an RI at adjacent IR Site 38 (Former Building 71). The Site 38 RI included supplemental soil and groundwater sampling in a portion of what is now included in Site 46. The investigation of Site 38 was conducted as four events:

- 1994 RI, including soil and groundwater sampling (Ensafe, 1998).
- 1998 Supplemental Groundwater Sampling Event, including installation of additional monitoring wells in the Building 72 area (Ensafe, 1999).
- 1999 Groundwater Sampling Event in the Building 71 and 72 area, including installation of additional monitoring wells in the Building 72 area (Ensafe, 1999).
- 2000 Groundwater Sampling Event in the Building 71 area (Ensafe, 2001).

The RI Report for Site 38 (the area in and around former Building 71) indicated that parameters detected above screening levels in soil included metals, SVOCs, polynuclear aroamtic hydrocarbons (PAHs), pesticides, PCBs, and VOCs. The primar areas of soil contamination were centered beneath the Building 71 footprint. Parameters detected above screening levels in groundwater included metals, SVOCs, and VOCs, and were consistent with the soil contamination.

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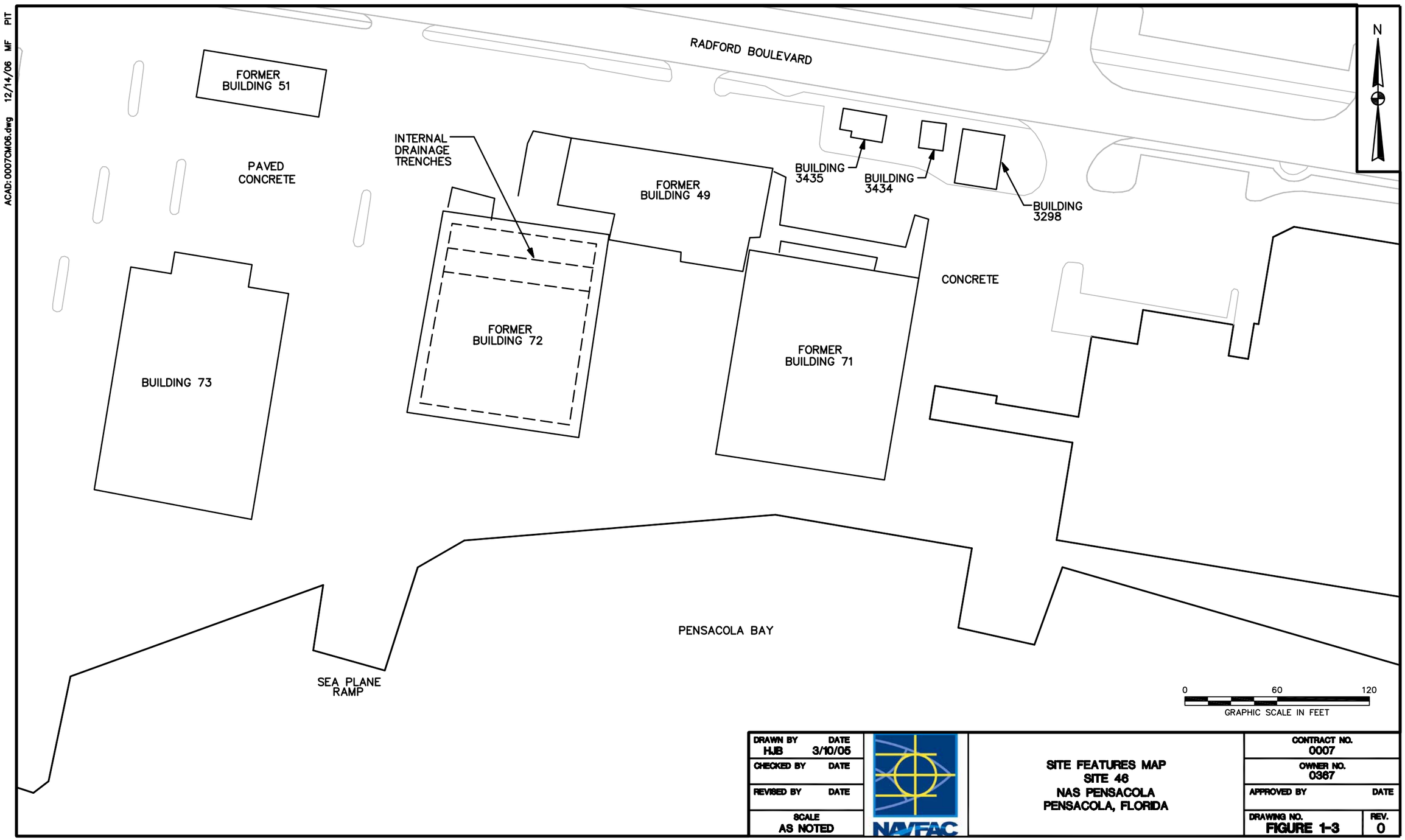

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Much of the groundwater contamination was centered underneath the Building 71 footprint. Because of the detection of lead above screening levels in groundwater samples from monitoring wells west of the Building 71 footprint, supplemental groundwater sampling was conducted in 1998 to complete delineation of lead in groundwater. The results of the 1998 Supplemental Groundwater Sampling Event in the former Building 72 area indicated that lead concentrations had decreased approximately 50 percent in the Building 71 area since the RI sampling event (EnSafe, 1999). Groundwater samples from two additional monitoring wells located north of and centered in the Building 72 area were reported to contain lead concentrations exceeding screening levels.

Based on the results of this supplemental sampling (EnSafe, 1999), several new monitoring wells were installed to the west of Building 71, in the Building 72 area. These monitoring wells were sampled in 1999, along with several existing monitoring wells in the Building 71 area. Results from this sampling event indicated that lead in shallow groundwater in the Building 72 area increased in concentration towards the west across the site, and that lead in shallow groundwater underneath the former Building 72 had increased between the sampling events in 1998 and 1999. Groundwater data collected for the 1999 Groundwater Sampling Event (EnSafe, 1999) indicated that lead concentrations above screening levels in shallow groundwater in the former Building 72 area was not fully delineated. Additionally, the sample from one of the shallow wells located immediately south of former Building 72 emitted a strong petroleum odor. A second confirmatory sample from this well contained methylene chloride, TCE, and naphthalene above screening levels. These results prompted the Navy to designate the former Building 72 area as a separate IR site.

Groundwater sampling in the former Building 71 area was again conducted in 2000 to identify trends in lead concentrations (EnSafe, 2001). Groundwater data collected for the 2000 Groundwater Sampling Event (EnSafe, 2001) indicated that chlorinated solvent concentrations were slightly above or at screening levels in groundwater samples from monitoring wells located between former Buildings 71 and 72. Lead was not detected above its screening level in the groundwater samples from the former Building 71 area monitoring wells. The observed decrease in lead concentrations since the RI sampling in 1994 was attributed to sulfate-reducing conditions in the aquifer that may have caused the precipitation of dissolved lead as immobile lead sulfide.

This sampling event indicated that lead concentrations were drastically reduced in shallow groundwater compared to previous sampling events, and the report concluded that the attenuation in lead concentrations was naturally occurring (EnSafe, 2004). Under the IR program, soil and groundwater contamination in the former Building 71 area are being addressed by the remedy for Site 38, and impacts to soil and/or groundwater at Site 46 (former Building 72) are being addressed by this investigation (EnSafe, 2004).

Site 38 soil and groundwater sampling results were compared to the Florida SCTLs and Florida GCTLs in the Focused Feasibility Study (FS) (EnSafe, 2004). Constituents that exceeded residential SCTLs in surface soil included arsenic, chromium, copper, vanadium, Arochlor 1254, benzo(a)pyrene, and dibenz(a,h)anthracene. Constituents that exceeded leachability SCTLs in surface soil included chromium, cadmium, TCE, tetracloroethene (PCE), phenol, chloroform, 1,2-dichloroethane (DCA), 2-methylphenol, and 4-methylphenol. Constituents that exceeded leachability SCTLs in subsurface soil included chromium, TCE, PCE, chloroform, 1,2-DCA, phenol, and 4-methylphenol.

Inorganic constituents exceeding GCTLs or background in shallow groundwater included aluminum, iron, lead, manganese, antimony, cadmium, chromium, and vanadium. SVOCs and PAHs exceeding GCTLs in shallow groundwater included naphthalene, bis(2-ethyhexyl)phthalate, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene. VOCs exceeding GCTLs in shallow groundwater included chloroethane, vinyl chloride, benzene, TCE, PCE, chloroform, 1,1,1-trichloroethane (TCA), 1,1-DCA, and 1,1-dichloroethene (DCE).

The FS concluded that the decrease in lead concentrations was the result of natural attenuation, and that geochemical conditions within the shallow groundwater were such that natural attenuation could also be expected to reduce organic parameters. The recommended remedy for Site 38 was monitored natural attenuation, and implementation of institutional controls to restrict potential receptor exposure to site soil and groundwater (EnSafe, 2004).

1.2.3 Regulatory Setting

The Navy IR Program was designed to identify and abate or control contaminant migration resulting from past operations at naval installations, with the goal of expediting and improving environmental response actions while protecting human health and the environment. The IR program is conducted in accordance with Section 120 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980 as amended by the Superfund Amendments and Reauthorization Act (SARA) of 1986 and Executive Order 12580. CERCLA requires that federal facilities comply with the act, both procedurally and substantively. Site 46 is being investigated as part of CERCLA requirements.

1.3 REPORT ORGANIZATION

This RI Report is organized into eight sections with supporting references and appendices:

- Section 1.0 – Introduction
- Section 2.0 – Study Area Investigation
- Section 3.0 – Physical Characteristics of the Study Area
- Section 4.0 – Nature and Extent of Contamination

- Section 5.0 – Contaminant Fate and Transport
- Section 6.0 – Human Health Risk Assessment
- Section 7.0 – Ecological Risk Assessment
- Section 8.0 – Summary and Conclusions
- References
- Appendices - Supporting data and discussions

2.0 STUDY AREA INVESTIGATION

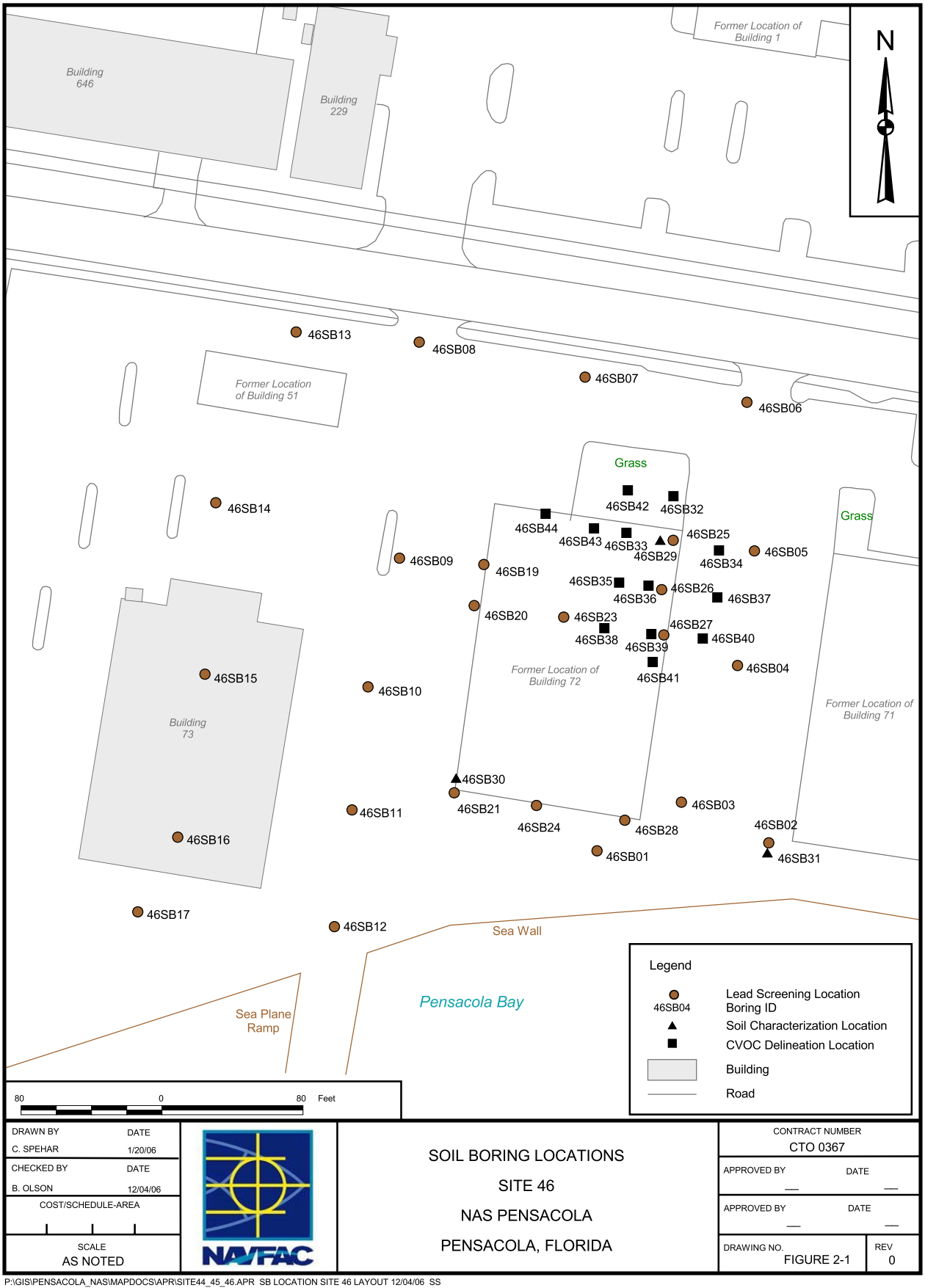
The primary objective of this RI is to provide data to evaluate the current environmental conditions and guide the selection of a remedy that is protective of human health and the environment for any contamination present at Site 46. Soil screening samples were collected for rush laboratory metals analysis and field headspace screening to provide a preliminary evaluation of site conditions and potential releases. Selection of soil characterization sample locations and additional monitoring well locations were based on the results of the soil screening investigation. Characterization soil and groundwater samples were collected for full suite of analyses to evaluate the occurrence of contaminants other than metals or VOCs at the site. The analytical results were compared to appropriate federal and state screening values. Field activities, such as sampling and monitoring well installation, were conducted in accordance with the Health and Safety Plan (HASP) and the FDEP Standard Operating Procedures (SOPs) for Field Activities (FDEP, 2004).

2.1 SOIL SCREENING

Twenty-eight soil borings were advanced to collect soil samples for lead screening (Figure 2-1). The soil samples were submitted to an offsite laboratory for rush lead, iron, and aluminum analysis. Lead data were collected based on the findings of the Site 38 RI, which identified elevated lead concentrations in soil in the Building 72 area. Iron and aluminum data were collected to evaluate the overall level of metals in site soils and to aid in identifying locations where lead concentrations were elevated in relation to the concentration trends for other metals.

The rationale for selecting soil boring locations was:

- One location, soil boring 46SB01, was targeted to investigate the former industrial waste sewer line and discharge line to Pensacola Bay on the south side of Building 72. Originally, four soil borings were planned for this area; however, erosion due to Hurricane Ivan had washed out much of this area, therefore only soil boring 46SB01 was advanced.
- Two soil boring locations, 46SB02 and 46SB03, targeted an area of organic and inorganic exceedances in soil located at the southeast corner of Site 46 noted during the Site 38 investigation.
- One location, soil boring 46SB10 targeted the area that had the highest lead detection in shallow groundwater in the Building 72 area during the Site 38 investigation.



DRAWN BY C. SPEHAR	DATE 1/20/06	SOIL BORING LOCATIONS SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 12/04/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 2-1 / REV 0

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- Eleven locations, 46SB18 through 46SB28 were targeted to investigate the former drainage trenches within Building 72.
- The remaining 13 locations were spaced evenly across the investigation area.

Soil screening samples were collected at each location from ground surface (below any pavement if present) to the saturated zone of the shallow aquifer. Depth to groundwater at the site ranged from 2 to 4 feet below land surface (bls). Because metals (particularily lead) may have been released at the ground surface, per the requirements of Chapter 62-780 FAC the soil screening samples were collected from the following depth intervals:

- Ground surface to 6 inches (immediately below surface pavement and sub-base where present)
- 6 inches to 2 feet
- 2 feet to 3 or 4 feet (if the soil was dry)

Soil samples were collected from each interval for field headspace screening using a photoionization detector (PID) with a 10.6 electron volt (eV) lamp. Field headspace screening was conducted following the FDEP SOP for soil headspace analysis. Soil boring logs are included in Appendix A.

2.2 CHARACTERIZATION SOIL SAMPLING

Following the lead screening, additional soil sampling was conducted to further characterize the nature of potential contaminants at the site. Three locations for characterization soil sampling were selected (Figure 2-1):

- Soil boring 46SB29 (adjacent to the 46SB25 screening soil boring location) on the northeast corner of the foundation of former Building 72. This location was reported to contain an elevated headspace screening response.

- Soil boring 46SB30 (adjacent to soil boring 46SB02) near the southwest corner of the Building 71 foundation. This location was also reported to contain an elevated headspace screening response.

- Soil boring 46SB31 (adjacent to soil boring 46SB21) at the southern edge of the Building 72 foundation. This location had the highest lead detection in the soil samples collected for metals screening.

The additional soil samples collected during the site characterization phase were analyzed for Target Compound List (TCL) and Target Analyte List (TAL) analytes, as well as petroleum hydrocarbons. The soil samples were analyzed for TCL VOCs [United States Environmental Protection Agency (USEPA) Method SW-846 8260B] and ethylene dibromide (EDB) (USEPA Method 504.1), TCL SVOCs and PAHs (USEPA Method SW-846 8270C/8310), TCL pesticides and PCBs (USEPA Method SW-846 8081/8082), TRPH [Florida Petroleum Range Organics (FL-PRO)] and TAL inorganics (USEPA Method SW 846 6010B, 9010, and 7471).

Characterization soil samples were collected from these locations for SPLP extraction and analysis for TCL VOCs and TAL inorganics. The SPLP sampling targeted chlorinated volatile organic compounds (CVOCs) previously identified in groundwater samples collected during the Site 38 investigations included TCE and PCE. In addition, some of the metals previously detected during the Site 38 investigation, particularily lead, do not have default leaching SCTLs and site-specific testing is required to determine if site soils may leach these elements to groundwater.

2.3 CVOC DELINEATION

Additional soil borings were advanced at Site 46 as a separate mobilization based on the characterization soil sampling results. An area near the northeast corner of the former Building 72 foundation (Figure 2-1) at soil boring 46SB29 was identified where CVOC concentrations exceeded Florida SCTLs. Ten soil boring locations were initially selected for CVOC delineation sampling (Figure 2-1). One soil sample per each soil boring location was sent for quick turnaround analysis. The remaining samples were sent for standard turn around analysis. After evaluation of the quick turnaround sample data, three additional soil boring locations were sampled. The soil samples collected for this phase of the investigation were analyzed for a selected list CVOCs.

2.4 EXISTING WELL EVALUATION

A monitoring well network was previously installed at the site during the Site 38 investigation (Figure 2-2). Exisiting wells at the site are identified with 38 in the well designation. A map showing the locations of Site 38 monitoring wells in the vicinity of Buildings 71 and 72 are included in Appendix B. A summary of the well construction details are provided in Table 2-1. The existing monitoring wells were evaluated to determine if the wells were viable for current and future groundwater monitoring activities. Static water levels and total depths were recorded for each of the exisiting wells to determine if the wells were screened at appropriate intervals and if the wells had silted up or had become obstructed over time. Based on these observations, six monitoring wells installed previously for the Site 38 investigation were included in the Site 46 groundwater program, PEN-38GS01, PEN-38GI01, PEN-38GS03, PEN-38GI03, PEN-38GS05, and PEN-38GS13 (Figure 2-2). These wells are located at the western edge of Site 38,

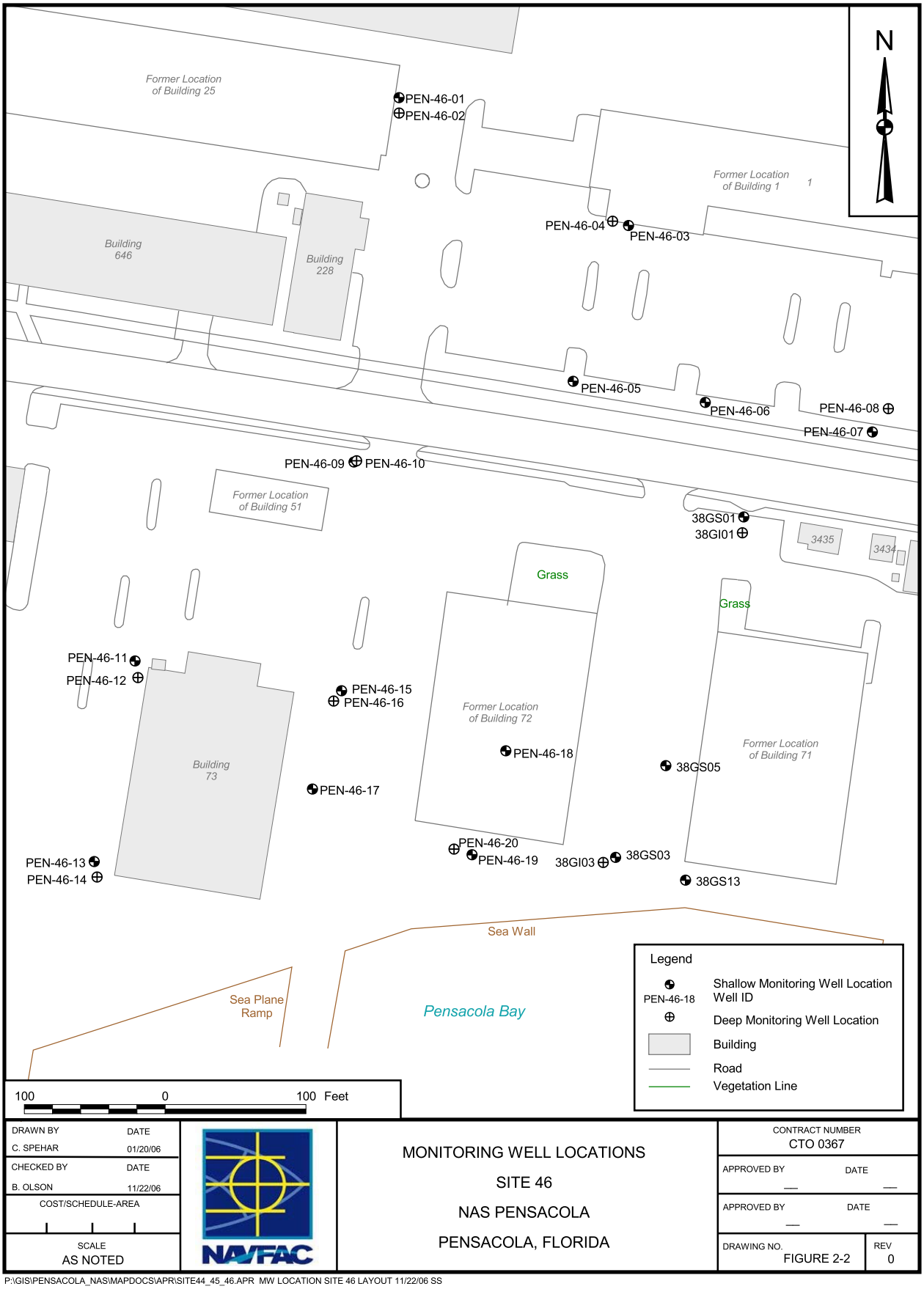

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TABLE 2-1

MONITORING WELL CONSTRUCTION DETAILS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

WELL DESIGNATION	INSTALLATION DATE	WELL DIAMETER	WELL MATERIAL	TOTAL DEPTH (feet bls)	SCREENED INTERVAL (feet bls)	TOP OF CASING ELEVATION
PEN-46-01	12/1/2005	2-inch ID	PVC	14	4-14	5.74
PEN-46-02	12/2/2005	2-inch ID	PVC	49	39-49	5.97
PEN-46-03	10/21/2005	2-inch ID	PVC	13	3-13	5.93
PEN-46-04	11/29/2005	2-inch ID	PVC	50	40-50	6.03
PEN-46-05	10/21/2005	2-inch ID	PVC	13	3-13	6.70
PEN-46-06	10/21/2005	2-inch ID	PVC	13	3-13	6.57
PEN-46-07	10/21/2005	2-inch ID	PVC	13	3-13	6.45
PEN-46-08	11/29/2005	2-inch ID	PVC	50	40-50	6.66
PEN-46-09	11/29/2005	2-inch ID	PVC	13	3-13	5.89
PEN-46-10	11/30/2005	2-inch ID	PVC	44	34-44	5.84
PEN-46-11	11/29/2005	2-inch ID	PVC	13	3-13	4.67
PEN-46-12	11/30/2005	2-inch ID	PVC	45	35-45	4.78
PEN-46-13	11/30/2005	2-inch ID	PVC	13	3-13	4.74
PEN-46-14	12/2/2005	2-inch ID	PVC	49	39-49	4.72
PEN-46-15	11/29/2005	2-inch ID	PVC	13	3-13	4.54
PEN-46-16	11/30/2005	2-inch ID	PVC	45	35-45	4.62
PEN-46-17	11/29/2005	2-inch ID	PVC	13	3-13	4.29
PEN-46-18	11/29/2005	2-inch ID	PVC	13	3-13	4.47
PEN-46-19	11/30/2005	2-inch ID	PVC	13	3-13	3.96
PEN-46-20	12/2/2005	2-inch ID	PVC	46	36-46	4.14
EXISTING SITE 38 WELLS						
38GS01		2-inch ID	PVC	13	3-13	5.70
38GI01		2-inch ID	PVC	27	17-27	5.81
38GS03		2-inch ID	PVC	13	3-13	4.12
38GI03		2-inch ID	PVC	42	32-42	4.03
38GS05		2-inch ID	PVC	13	3-13	4.37
38GS13		2-inch ID	PVC	13	3-13	4.04

Notes:
bls - below land surface
Top of casing elevations in feet above mean sea level
Elevations referenced to top-of-casing for PEN-38GS01, 5.70 feet above mean sea level (EnSafe, 1998)
ID - Internal diameter
PVC - polyvinyl chloride

west of former Building 71. Other Site 38 wells located in the Building 71 footprint or to the east of Building 71 were not included in the Site 46 investigation.

2.5 MONITORING WELL INSTALLATION

The monitoring wells installed at Site 46 were designed to investigate the aquifer interval from the water table down to a low-permeability confining unit, which is typically encountered from 50 to 75 feet bls at NAS Pensacola (Geraghty and Miller, 1986). During the investigation at Site 46, this confining unit was encountered at depths from 44 to 50 feet bls. Material above this low-permeabililty unit comprises the uppermost portion of the surficial aquifer, and is composed of quartz sand with generally small percentages of humic material, shell material, and heavy minerals. The groundwater investigation at Site 46 assessed the uppermost interval of the shallow surficial aquifer (bracketing the water table) and the lower interval of the surficial aquifer (immediately above the low-permeability unit). These units will be referred to as the “shallow” and “deep” aquifer intervals, respectively in this report.

The RI at Site 46 included the installation of monitoring wells targeting both the shallow and deep intervals, and sampling of both existing and newly-installed wells (Figure 2-2). Twelve shallow monitoring wells were installed to an approximate depth of 13 feet bls. Eight deep monitoring wells were installed to depths ranging from 44 to 50 feet bls. Well construction details are provided in Table 2-1 and Appendix A.

The shallow monitoring wells were installed using hollow stem auger drilling methods and the deep wells were installed using sonic drilling methods. The monitoring wells were constructed using 2-inch diameter PVC screens (10 feet in length, and .010-inch factory slotted) and 2-inch diameter PVC risers. The monitoring wells were installed and constructed in accordance with NAVFAC SE and FDEP guidance documents. Following well installation, the top-of-casing elevations for the new wells were surveyed using the top-of-casing elevation of PEN-38GS01 as a benchmark with an elevation of 5.70 feet (EnSafe, 1998).

2.6 GROUNDWATER SAMPLING

Groundwater samples were collected from the existing and the newly installed monitoring wells to assess the current groundwater conditions. Sixteen shallow monitoring wells, two intermediate monitoring wells, and eight deep monitoring wells were sampled for the RI. The well locations are shown on Figure 2-2.

The wells were purged and sampled using a peristaltic pump and low-flow quiescent purging technique. Groundwater sampling was conducted during December 2005. The monitoring wells were purged in accordance with FDEP SOP FS 2212, Well Purging Techniques (FDEP, 2004). Groundwater samples

were collected in accordance with FDEP SOP FS 2220, Groundwater Sampling Techniques (FDEP, 2004). Static water levels and total well depths were measured on December 6 and December 21, 2005. Water level and groundwater sampling records are in Appendix A.

The groundwater samples collected during the RI were analyzed for TCL and TAL analytes, as well as petroleum hydrocarbons. The groundwater samples were analyzed for Contract Laboratory Program (CLP) TCL VOCs (USEPA Method SW-846 8260B) and EDB (USEPA Method 504.1), TCL SVOCs and PAHs (USEPA Method SW-846 8270C/8310), TCL pesticides and PCBs (USEPA Method SW-846 8081/8082), TRPH (FL-PRO) and TAL inorganics (USEPA Method SW 846 6010B, 9010, and 7471).

2.7 AQUIFER CHARACTERIZATION

Static water level (SWL) measurement data were recorded from Site 46 monitoring wells on December 6 and December 21, 2006. The SWL measurement data and the elevations from the well top-of-casings were used to determine the groundwater elevation at each monitoring well.

Slug tests were conducted in three shallow monitoring wells and three deep monitoring wells at Site 46. Each test was performed by displacing a volume of water with a PVC rod of known volume and recording the recharge rate of the displaced water in the monitoring well. The recharge rate was recorded using an electronic data logger and pressure transducer. Both rising head and falling head slug tests were conducted in each monitoring well.

Calculations were performed using the Aqtesolv™ aquifer characterization program. The Bouwer and Rice and the Hvorslev solutions were calculated for each of the slug tests. Slug test data and calculations used to determine hydraulic conductivity are included in Appendix C.

The geometric means of the slug test results for the shallow zone and the deep zone were calculated for each type of test (rising head/falling head) and each analytical method (Bouwer and Rice/Hvorslev). The geometric mean of these results was used to represent the average hydraulic conductivity for each of the aquifer zones.

Specific capacity analyses were calculated for two shallow wells and three deep wells at Site 46 using data recorded during well development. Pumping rate, drawdown from static, and pumping time were used to calculate hydraulic conductivity. The hydraulic conductivity values calculated using the specific capacity method were compared to the values from the slug test analyses.

3.0 PHYSICAL CHARACTERISTICS OF THE STUDY AREA

Data to evaluate site conditions and characteristics were obtained from available literature and the site-specific investigations.

3.1 SURFACE FEATURES

NAS Pensacola is located in the extreme southeastern portion of Escambia County, Florida, which lies within the Coastal Plain Province of the United States. As described in the Initial Assessment of NAS Pensacola (NEESA, 1983), NAS Pensacola lies within the coastal lowland that is characterized by a series of broad, nearly level marine terraces that extend several miles from the coast and merge with the narrow terraces along the Escambia and Perdido Rivers. NAS Pensacola is located on a peninsula with gently sloping terrain. The land surface elevations on the peninsula range from sea level to approximately 40 feet above mean sea level.

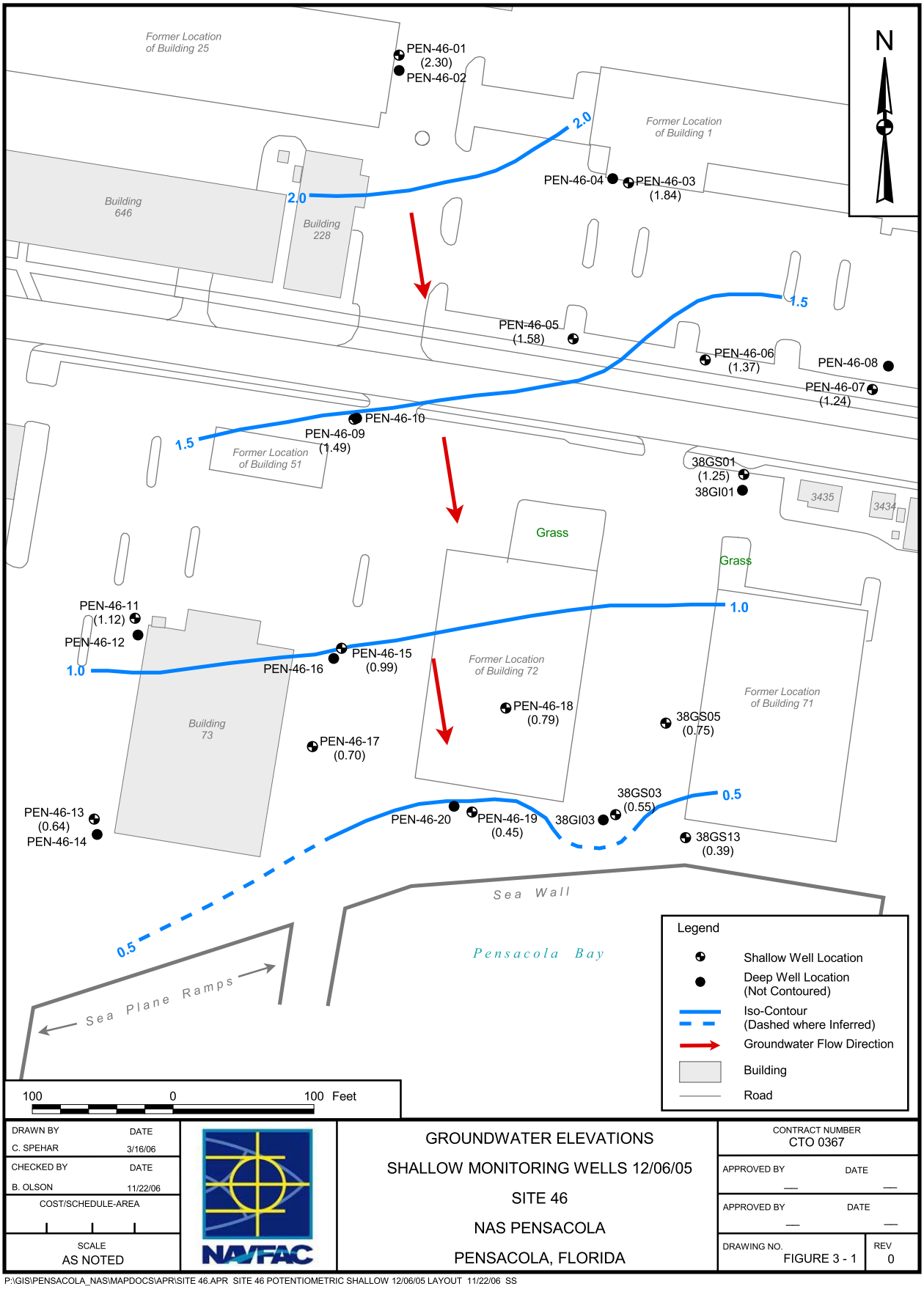
Site 46 is located between Pensacola Bay to the south and Radford Boulevard to the north (Figure 3-1). The parking area between Radford Boulevard and the former location of Building 1 to the north was investigated as a possible source area for Site 46 contaminants. IR Site 45 is located on the north side of former Building 1. The area covers approximately 300,000 square feet (7 acres) and the site elevation is approximately 4 to 7 feet above mean sea level. There is little vertical relief in the concrete paved areas of the site.

3.2 METEOROLOGY

Escambia County has a warm, humid-temperate climate [United States Department of Agriculture (USDA) 2004]. Along the coast, the Gulf of Mexico moderates high temperatures in the summer and low temperatures in the winter. Total annual precipitation is about 62 inches. The greatest amount of rain falls in July and August. Occasionally, short droughts occur in late spring.

3.3 SURFACE WATER HYDROLOGY

NAS Pensacola is bordered on the south by Big Lagoon, on the south and east by Pensacola Bay, and on the north by Bayou Grande (NEESA, 1983). Sandy surface soil in this area allows for a high proportion of rainfall to infiltrate into the ground and consequently there are few streams. The surface topography has little dissection and the natural drainage system is poorly developed. Much of the surface drainage has been constructed or modified to accommodate structures on base. Swampy areas exist at or near the western portion of NAS Pensacola, and man-made drainage ways and storm drains feed into the short intermittent streams emptying in to Pensacola Bay and Bayou Grande. No perennial



DRAWN BY C. SPEHAR	DATE 3/16/06	GROUNDWATER ELEVATIONS SHALLOW MONITORING WELLS 12/06/05 SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 11/22/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 3 - 1 REV 0

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streams enter or exit NAS Pensacola, but the marshy areas and three small lakes on the golf course are persistent throughout the year.

Surface water features are not present at Site 46 and runoff from the paved areas is directed into the storm water sewer system along Radford Boulevard or into Pensacola Bay. Pensacola Bay is adjacent to the southern edge of Site 46. An intermittant stream is located approximately 1 mile to the northwest of the site is the nearest non-marine surface water body. This intermittant stream drains to Bayou Grande approximately 1¾ mile to the north of the site.

3.4 GEOLOGY

The surficial geology of the area consists of Pleistocene marine deposits made up of light brown to tan, fine quartz sand with associated stringers and lenses of gravel and clay. Underlying these deposits, increasing with age, are the Citronelle Formation, the Miocene Coarse Clastics, the Pensacola Clay, the Tampa Formation, the Chickasawhay Limestone, the Bucatunna Clay member of the Byram Formation, the Ocala Group, the Lisbon equivalent, the Tallahatta Formation, and the Hatchetigbee Formation. The Pleistocene deposits and Citronelle formation are often impossible to differentiate, and together range in thickness from approximately 30 feet to 800 feet across the county (NEESA, 1983).

The lithologies observed during drilling of Site 46 monitoring wells are typical of the undifferentiated Pleistocene marine deposits. The ground surface to 1 foot interval at most of the sampling locations showed signs of disturbance either grading and filling or pavement construction. Below 2 feet, typical lithologies included sand ranging from white or tan to dark brown in color. Significant clay or gravel horizons were not encountered. Boring logs are included in Appendix A.

3.5 SOILS

Soils from the developed areas at Site 46 are classified as urban land, which are typical of industrial areas (USDA, 2004). The native soils usually have been altered by grading or fill and the ground surfaces have been paved or built upon.

3.6 GROUNDWATER HYDROLOGY

3.6.1 Regional Hydrology

Groundwater in Escambia county occurs in three major aquifers: a shallow aquifer which is both artesian and nonartesian (the sand and gravel aquifer), and two deep artesian aquifers (the upper and lower limestones of the Floridan Aquifer). In the southern half of the area, the sand and gravel aquifer and the

upper limestone of the Floridan aquifer are separated by a thick section of relatively impermeable clay; but, in the northern half the sand and gravel aquifer and the upper limestone of the Floridan aquifer are in contact with one another. The upper limestone of the Floridan aquifer is separated from the lower limestone by a thick clay bed (NEESA, 1983).

The sand and gravel aquifer is composed of sand but has numerous lenses and layers of clay and gravel. The formation also contains lenses of hardpan where the sand has been cemented by iron oxide minerals. This aquifer lies at the surface throughout Escambia County. Logs of borings from various locations at NAS Pensacola show that the surficial sands extend from ground surface to a depth of approximately 35 feet mean sea level below which is a 15-foot thick marine clay, the continuity of which is uncertain. Underlying the clay is more sand with numerous clay lenses (Geraghty and Miller, 1986).

Water levels in the shallow aquifer range from 0 to approximately 30 feet bls across the NAS Pensacola area. The groundwater flow has historically been found toward the Gulf of Mexico and the Escambia and Perdido rivers although groundwater flow can vary locally due to the effect of topography or surface water bodies. The aquifer recharge is predominantly from local precipitation (Geraghty and Miller, 1986).

The shallow saturated permeable beds in the sand and gravel aquifer contain groundwater under nonartesian conditions, while the deeper permeable beds contain groundwater under artesian pressure, where they are confined by lenses of clay and sandy clay (NEESA, 1983).

Below the sand and gravel aquifer, the limestone layers comprise the regionally extensive Floridan aquifer, which in this area is divided into upper and lower units separated by the Bucatunna clay. The upper Floridan aquifer is an important source of water in areas east of Escambia County; however, in the Pensacola area it is highly mineralized and not used as a water supply. The lower Floridan aquifer is also highly mineralized and is designated for use as an injection zone for waste disposal in this area (Geraghty and Miller, 1986).

3.6.2 Site-Specific Hydrology

Hydrogeologic data were collected to evaluate movement of groundwater in the shallow surficial aquifer at Site 46. Depth to groundwater and groundwater elevation were used to determine the site-specific groundwater flow direction and gradient. Groundwater flow velocity at the site was estimated using the hydraulic conductivity data collected at the site.

3.6.2.1 SWL and Groundwater Elevations

SWL measurement data were recorded from Site 46 monitoring wells on December 6 and December 21, 2006 (Table 3-1). The SWL measurement data and the elevations from the well top-of-casings were used to determine relative groundwater elevations at each well (Appendix A).

Monitoring wells installed at Site 46 are grouped by the subsurface interval of the well screen:

- Shallow Monitoring Wells Screened to up to 14 feet below bls, to bracket the water table.
- Deep Monitoring Wells Screened between 32 to 50 feet bls, above the top of the first confining layer (except monitoring well PEN-38GI01 screened from 17 to 27 feet).

On December 6, 2005, the groundwater elevations in the shallow monitoring wells ranged from 2.30 feet in monitoring well PEN-46-01 on the north side of the site to 0.39 feet in monitoring well PEN-38GS13 adjacent to Pensacola Bay. The groundwater elevations for deep wells ranged from 1.98 feet in monitoring well PEN-46-08, adjacent to Radford Boulevard to 0.47 feet in monitoring well PEN-38GI03, adjacent to Penscala Bay.

On December 21, 2005, the groundwater elevations in the shallow monitoring wells ranged from 2.30 feet in monitoring well PEN-46-01 on the north side of the site to 0.04 feet in monitoring well PEN-38GS13 adjacent to Pensacola Bay. The groundwater elevations for deep wells ranged from 1.87 feet in monitoring well PEN-46-02 in the northwest corner of the site to 0.28 feet in monitoring well PEN-38GI03, adjacent to Penscala Bay.

Groundwater elevations in the shallow monitoring wells ranged from 0.00 to 0.40 feet lower on December 21, 2005, than the elevations measured on December 6, 2005. The magnitude of change increased in shallow wells towards the south side of the site, suggesting that tidal variations influence groundwater levels closer to Pensacola Bay. Groundwater elevations in the deep monitoring wells were 0.00 to 0.21 feet lower on December 21, 2005, compared to December 6, 2005, suggesting a less strong tidal influence on the deep interval of the surficial aquifer.

3.6.2.2 Groundwater Flow Direction

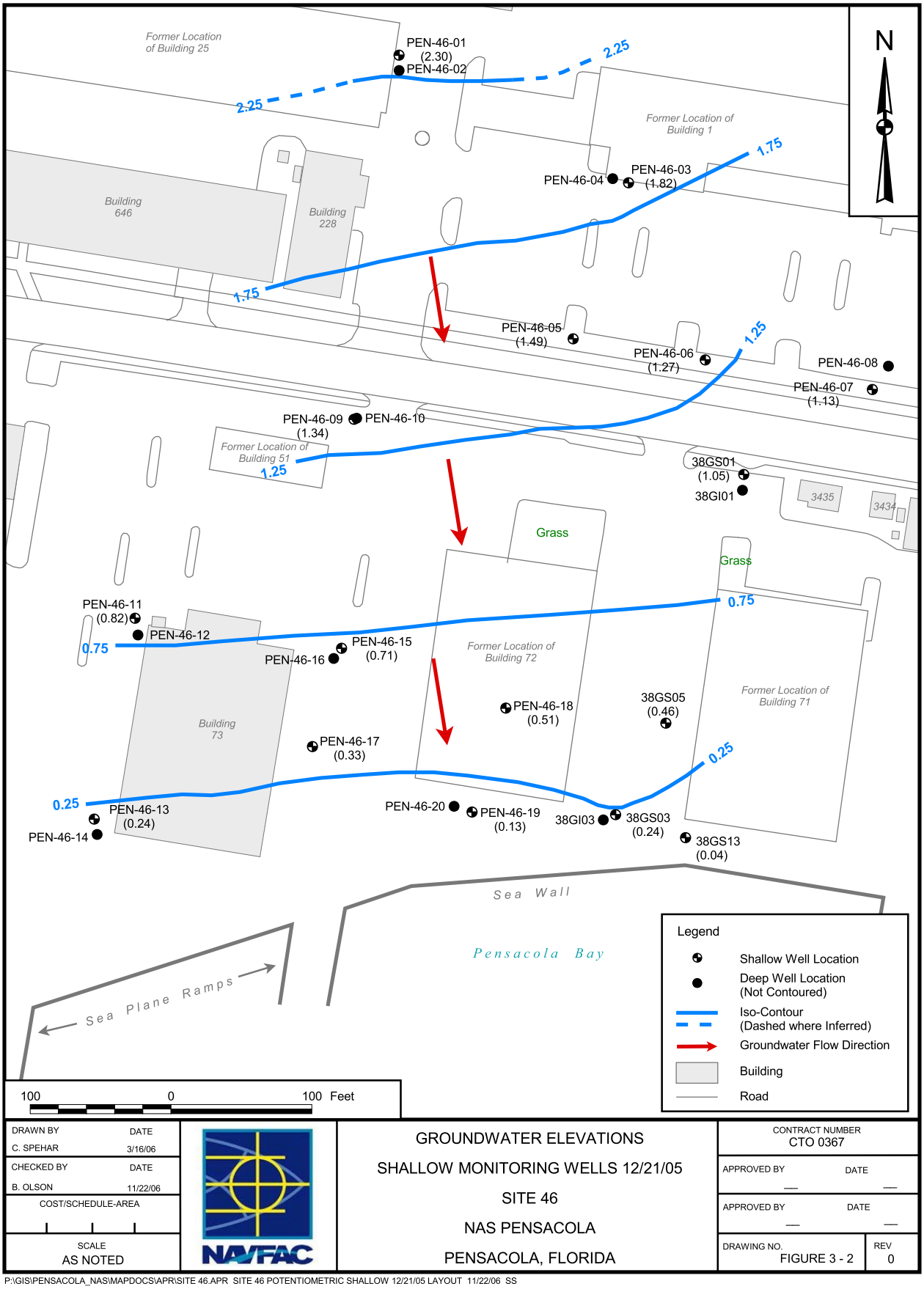
To evaluate the direction of groundwater flow in the shallow and deep zones of the surficial aquifer, the groundwater elevations from the shallow and deep monitoring wells were plotted on site maps. Data from the shallow wells measured on December 6, 2005, and December 21, 2005, are plotted on Figure 3-2 and Figure 3-3. Data from the deep wells measured on December 6, 2005, and December 21, 2005, are

TABLE 3-1

WATER LEVEL MEASUREMENT SUMMARY
SITE 46 SITE REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

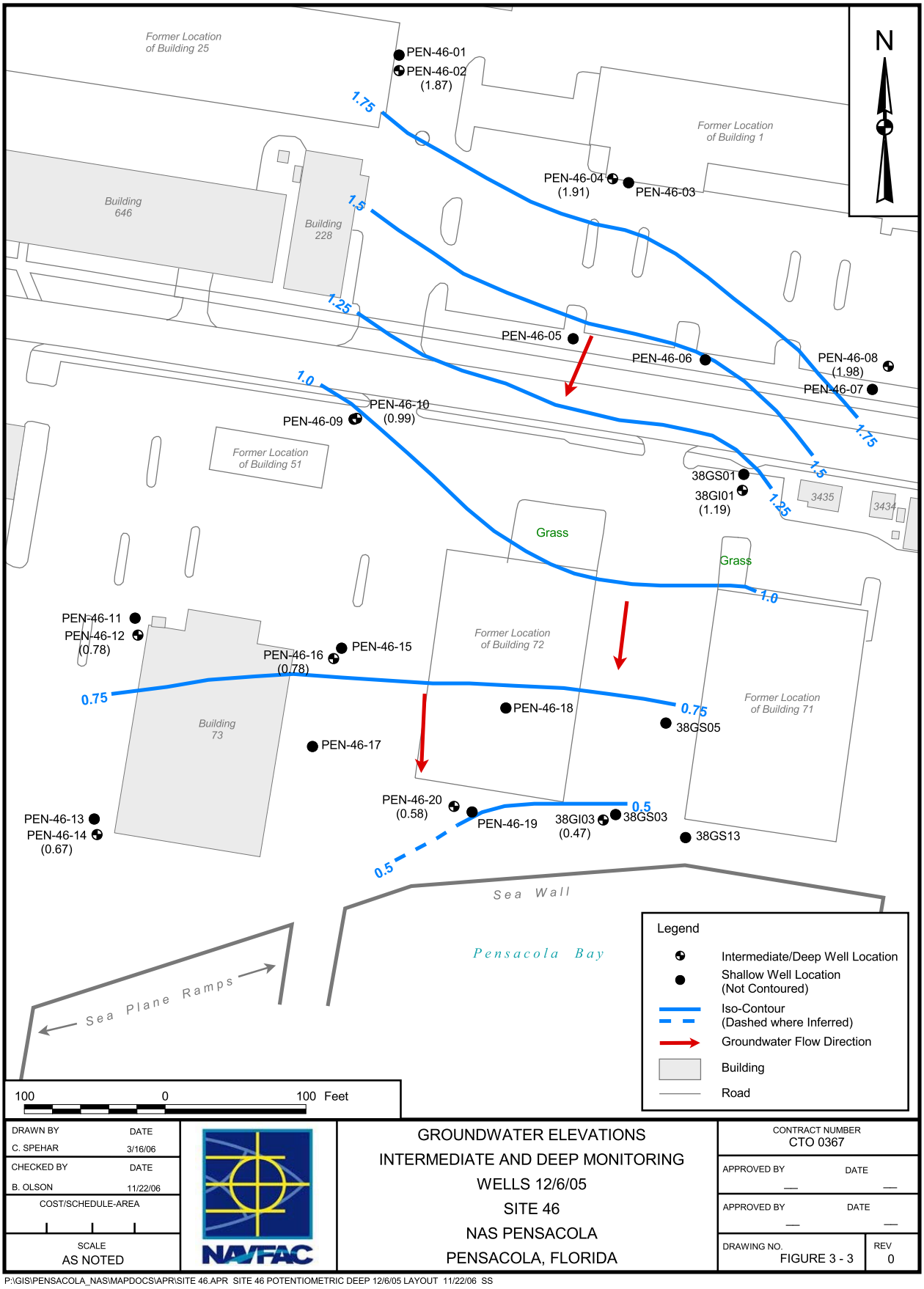
MONITORING WELL ID	AQUIFER ZONE	TOP-OF-CASING ELEVATION	12/6/2005		12/21/2005	
			DEPTH TO WATER	GROUNDWATER ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION
PEN-46-01	Shallow	5.74	3.44	2.30	3.44	2.30
PEN-46-02	Deep	5.97	4.10	1.87	4.10	1.87
PEN-46-03	Shallow	5.93	4.09	1.84	4.11	1.82
PEN-46-04	Deep	6.03	4.12	1.91	4.18	1.85
PEN-46-05	Shallow	6.70	5.12	1.58	5.21	1.49
PEN-46-06	Shallow	6.57	5.20	1.37	5.30	1.27
PEN-46-07	Shallow	6.45	5.21	1.24	5.32	1.13
PEN-46-08	Deep	6.66	4.68	1.98	4.80	1.86
PEN-46-09	Shallow	5.89	4.40	1.49	4.55	1.34
PEN-46-10	Deep	5.84	4.85	0.99	4.96	0.88
PEN-46-11	Shallow	4.67	3.55	1.12	3.85	0.82
PEN-46-12	Deep	4.78	4.00	0.78	4.13	0.65
PEN-46-13	Shallow	4.74	4.10	0.64	4.54	0.24
PEN-46-14	Deep	4.72	4.05	0.67	4.20	0.58
PEN-46-15	Shallow	4.54	3.55	0.99	3.83	0.71
PEN-46-16	Deep	4.62	3.84	0.78	3.98	0.64
PEN-46-17	Shallow	4.29	3.59	0.70	3.96	0.33
PEN-46-18	Shallow	4.47	3.68	0.79	3.96	0.51
PEN-46-19	Shallow	3.96	3.51	0.45	3.83	0.13
PEN-46-20	Deep	4.14	3.56	0.58	3.77	0.37
PEN-38GS01	Shallow	5.70	4.45	1.25	4.65	1.05
PEN-38GI01	Deep	5.81	4.62	1.19	4.77	1.04
PEN-38GS03	Shallow	4.12	3.57	0.55	3.88	0.24
PEN-38GI03	Deep	4.03	3.56	0.47	3.75	0.28
PEN-38GS05	Shallow	4.37	3.62	0.75	3.91	0.46
PEN-38GS13	Shallow	4.04	3.65	0.39	4.00	0.04

Notes:
Elevations referenced to top-of-casing for PEN-38GS01, 5.70 feet above mean sea level (EnSafe, 1998)
Depths in feet below top-of-casing



DRAWN BY C. SPEHAR	DATE 3/16/06	GROUNDWATER ELEVATIONS SHALLOW MONITORING WELLS 12/21/05 SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 11/22/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 3 - 2 REV 0

P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE 46.APR SITE 46 POTENTIOMETRIC SHALLOW 12/21/05 LAYOUT 11/22/06 SS



DRAWN BY C. SPEHAR	DATE 3/16/06	GROUNDWATER ELEVATIONS INTERMEDIATE AND DEEP MONITORING WELLS 12/6/05 SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 11/22/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 3 - 3 REV 0

P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE 46.APR SITE 46 POTENTIOMETRIC DEEP 12/6/05 LAYOUT 11/22/06 SS

plotted on Figure 3-4 and Figure 3-5. Groundwater elevation isocontours were drawn from the plotted data.

Interpretation of data from Site 46 indicates that overall, groundwater flow at the water table and the deep surfical aquifer interval is to the south, towards Penscola Bay.

3.6.2.3 Groundwater Gradient

The average horizontal groundwater gradient in the shallow and deep zones of the surficial aquifer across the site was calculated from the groundwater elevations measured in monitoring wells from each zone and the estimated groundwater flow direction.

The groundwater flow gradient was determined using the following equation:

$$i = \frac{h_1 - h_2}{d}$$

Where:

i = the hydraulic gradient

h_1 = the water elevation at point 1, the highest value

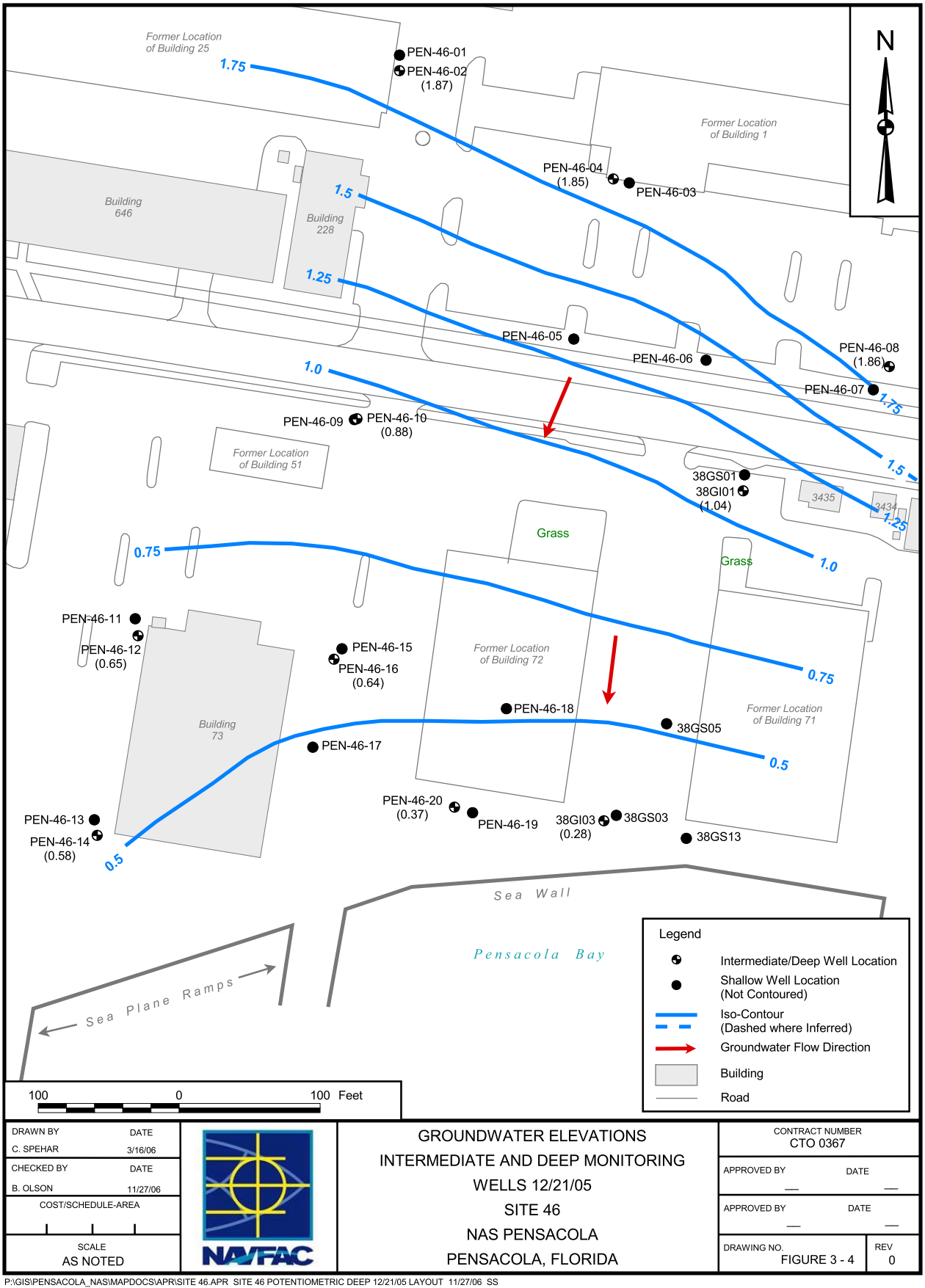
h_2 = the water elevation at point 2, the lowest value

d = the horizontal distance between point 1 and point 2 parallel to the direction of groundwater flow

The highest and lowest groundwater elevation values measured in the monitoring wells from each aquifer zone (shallow and deep) were used to determine the difference in groundwater elevation across the site. The horizontal distance between the high and low groundwater elevation points was measured parallel to the estimated groundwater flow direction. The horizontal groundwater gradients are summarized in Table 3-2.

On December 6, 2005, the groundwater elevation in monitoring well PEN-46-01, 2.30 feet, was the highest value and the groundwater elevation in monitoring well PEN-38GS13, 0.39 feet, was the lowest value in the water table monitoring wells. The horizontal distance between these two wells parallel to groundwater flow was approximately 584 feet. These data indicate the average hydraulic gradient of 0.003 feet/foot for the water table wells.

On December 21, 2005, the groundwater elevation in monitoring well PEN-46-01, 2.30 feet, was the highest value and the groundwater elevation in monitoring well PEN-38GS13, 0.04 feet, was the lowest



DRAWN BY C. SPEHAR	DATE 3/16/06	GROUNDWATER ELEVATIONS INTERMEDIATE AND DEEP MONITORING WELLS 12/21/05 SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 11/27/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 3 - 4 / REV 0

P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE 46.APR SITE 46 POTENTIOMETRIC DEEP 12/21/05 LAYOUT 11/27/06 SS

TABLE 3-2

HORIZONTAL GRADIENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SHALLOW WELLS							
		WELL PAIRS	TOTAL WELL DEPTH	SCREENED INTERVAL DEPTH	TOP-OF-CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
12/6/2006	Highest	PEN-46-01	14	4-14	5.74	3.44	2.30
	Lowest	PEN-38GS13	13	3-13	4.04	4.10	0.39
			HORIZONTAL DISTANCE (feet)	584		HORIZONTAL GRADIENT (feet/foot)	0.003
12/21/2006	Highest	PEN-46-01	14	4-14	5.74	3.44	2.30
	Lowest	PEN-38GS13	13	3-13	4.04	0.04	0.04
			HORIZONTAL DISTANCE (feet)	565		HORIZONTAL GRADIENT (feet/foot)	0.004
DEEP WELLS							
		WELL PAIRS	TOTAL WELL DEPTH	SCREENED INTERVAL DEPTH	TOP OF CASING ELEVATION	DEPTH TO WATER	GROUND WATER ELEVATION
12/6/2006	Highest	PEN-46-08	50	40-50	6.66	4.68	1.98
	Lowest	PEN-38GI03	42	32-42	4.03	3.56	0.47
			HORIZONTAL DISTANCE (feet)	350		HORIZONTAL GRADIENT (feet/foot)	0.004
12/21/2006	Highest	PEN-46-02	49	39-49	5.97	4.10	1.87
	Lowest	PEN-38GI03	42	32-42	4.03	3.75	0.28
			HORIZONTAL DISTANCE (feet)	525		HORIZONTAL GRADIENT (feet/foot)	0.003

Notes:

Elevations referenced to top-of-casing for PEN-38GS01, 5.70 feet above mean sea level (EnSafe, 1998).

Depths in feet below top-of-casing.

Horizontal distance measure parallel to direction of groundwater flow.

value in the water table monitoring wells. The horizontal distance between these two wells parallel to groundwater flow was approximately 565 feet. These data indicate the average hydraulic gradient of 0.004 feet/foot for the water table wells.

On December 6, 2005, the groundwater elevation in monitoring well PEN-46-08, 1.98 feet, was the highest value and the groundwater elevation in monitoring well PEN-38GI03, 0.47 feet, was the lowest value in the intermediate and deep monitoring wells. The horizontal distance between these two wells parallel to groundwater flow was approximately 350 feet. These data indicate the average hydraulic gradient of 0.004 feet/foot for these wells.

On December 21, 2005, the groundwater elevation in monitoring well PEN-46-02, 1.87 feet, was the highest value and the groundwater elevation in monitoring well PEN-38GI03, 0.28 feet, was the lowest value in the intermediate and deep monitoring wells. The horizontal distance between these two wells parallel to groundwater flow was approximately 525 feet. These data indicate the average hydraulic gradient of 0.003 feet/foot for these wells.

The average horizontal gradient in both the shallow and deep intervals was 0.0035 feet/foot.

3.6.2.4 Vertical Gradient

The vertical groundwater gradient was estimated from the groundwater elevations measured in the shallow and deep monitoring well pairs installed at the site. The vertical gradient is determined from the difference in groundwater elevation in the adjacent shallow and deep monitoring wells and the vertical separation of the screened intervals of the monitoring wells. The vertical separation of each well cluster is the difference in depth below grade of the bottom of the shallow well screened interval and the bottom of the deep well screened interval. If the groundwater elevation in the shallow well in a cluster is higher than the groundwater elevation in the deep well, the vertical gradient is negative, or downward. If the groundwater elevation in the shallow well in a cluster is lower than the groundwater elevation in the deep well, the vertical gradient is positive, or upward. The vertical gradients are summarized in Table 3-3.

In general, the vertical gradients were upward in the area north of Radford Boulevard and in well clusters near Pensacola Bay. The vertical gradients were downward in the central part of the site around Radford Boulevard. This area has less pavement and more grass areas and the change in vertical gradient may indicate that infiltration and recharge are more prevalent in this part of the site.

TABLE 3-3

VERTICAL GRADIENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

				12/6/2006		12/21/2006	
WELL PAIRS	TOTAL WELL DEPTH	SCREENED INTERVAL DEPTH	TOP-OF-CASING ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION
PEN-46-01	14	4-14	5.74	3.44	2.30	3.44	2.30
PEN-46-02	49	39-49	5.97	4.10	1.87	4.10	1.87
SCREEN SEPARATION (feet)		35		**VERTICAL GRADIENT**	**-0.012**		**-0.012**
PEN-46-03	13	3-13	5.93	4.09	1.84	4.11	1.82
PEN-46-04	50	40-50	6.03	4.12	1.91	4.18	1.85
SCREEN SEPARATION (feet)		37		**VERTICAL GRADIENT**	**0.002**		**0.001**
PEN-46-07	13	3-13	6.45	5.21	1.24	5.32	1.13
PEN-46-08	50	40-50	6.66	4.68	1.98	4.80	1.86
SCREEN SEPARATION (feet)		37		**VERTICAL GRADIENT**	**0.020**		**0.020**
PEN-46-09	13	3-13	5.89	4.40	1.49	4.55	1.34
PEN-46-10	44	34-44	5.84	4.85	0.99	4.96	0.88
SCREEN SEPARATION (feet)		31		**VERTICAL GRADIENT**	**-0.016**		**-0.015**
PEN-46-11	13	3-13	4.67	3.55	1.12	3.85	0.82
PEN-46-12	45	35-45	4.78	4.00	0.78	4.13	0.65
SCREEN SEPARATION (feet)		32		**VERTICAL GRADIENT**	**-0.011**		**-0.005**
PEN-46-13	13	3-13	4.74	4.10	0.64	4.54	0.20
PEN-46-14	49	39-49	4.72	4.05	0.67	4.20	0.52
SCREEN SEPARATION (feet)		36		**VERTICAL GRADIENT**	0.001		0.009
PEN-46-15	13	3-13	4.54	3.55	0.99	3.83	0.71
PEN-46-16	45	35-45	4.62	3.84	0.78	3.98	0.64
SCREEN SEPARATION (feet)		32		**VERTICAL GRADIENT**	**-0.007**		**-0.002**
PEN-46-19	13	3-13	3.96	3.51	0.45	3.83	0.13
PEN-46-20	46	36-46	4.14	3.56	0.58	3.77	0.37
SCREEN SEPARATION (feet)		33		**VERTICAL GRADIENT**	**0.004**		**0.007**
38GS01	13	3-13	5.70	4.45	1.25	4.65	1.05
38GI01	27	17-27	5.81	4.62	1.19	4.77	1.04
SCREEN SEPARATION (feet)		14		**VERTICAL GRADIENT**	**-0.004**		**-0.001**
38GS03	13	3-13	4.12	3.57	0.55	3.88	0.24
38GI03	42	32-42	4.03	3.56	0.47	3.75	0.28
SCREEN SEPARATION (feet)		29		**VERTICAL GRADIENT**	**-0.003**		**0.001**

Notes:
Elevations referenced to top-of-casing for PEN-38GS01, 5.70 feet above mean sea level (EnSafe, 1998).
Depths in feet below top-of-casing.
Negative gradients are downward, positive gradients are upward.

3.6.2.5 Hydraulic Conductivity

Hydraulic conductivity values for Site 46 were estimated using data from slug tests and specific capacity data collected during well development conducted as part of the RI. The slug test results are summarized in Table 3-4 and the slug test data and test analyses are included in Appendix C The geometric mean of the hydraulic conductivity values reported for shallow wells at Site 46 is approximately 245 feet/day or 0.17 feet/minute. The geometric mean of the hydraulic conductivity values reported for the deep wells at Site 46 is approximately 16 feet/day or 0.011 feet/minute, which is an order of magnitude less than the shallow wells.

3.6.2.6 Groundwater Flow Velocity

Potential movement of groundwater by natural flow in the saturated zone can be estimated by Darcy's Law, which may be expressed as:

$$v = \frac{(K \times i)}{n}$$

Where:

v = average velocity

K = hydraulic conductivity

i = average hydraulic gradient

n = effective porosity

Data from soil borings advanced at Site 46 indicate that fine grained sand and silty sand are the typical lithologies at the site. Review of standard literature suggests that a representative effective porosity for this lithology is approximately 30 percent (Heath, 1983).

Using an average hydraulic conductivity of 245 feet/day, an average hydraulic gradient of 0.0035 feet/foot, and an effective porosity value of 30 percent, the estimated average groundwater velocity for the water table zone at Site 46 was calculated at 2.86 feet/day or about 1,044 feet/year.

Using an average hydraulic conductivity of 16 feet/day, an average hydraulic gradient of 0.0035 feet/foot, and an effective porosity value of 30 percent, the estimated average groundwater velocity for the deep zone at Site 46 was calculated at 0.19 feet/day or about 70 feet/year.

3.6.2.7 On Base Potable Water Supply Wells

Three water wells are located on NAS Pensacola to provide an emergency backup potable water supply (NEESA, 1984). The backup water supply wells are completed at depths ranging from 224 to 250 feet bls

TABLE 3-4

AQUIFER TEST RESULTS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SLUG TEST RESULTS

Monitoring Well	Aquifer Interval	Test Type	Solution Model	K (ft/min)	Comments
PEN-46-03	Shallow	Falling Head	Bouwer/Rice	0.13	
		Falling Head	Hvorslev	0.22	
		Rising Head	Bouwer/Rice	0.15	
		Rising Head	Hvorslev	0.24	
PEN-46-04	Deep	Falling Head	Bouwer/Rice	0.01	
		Falling Head	Hvorslev	0.02	
		Falling Head	Cooper/Papadapoulos	0.002	Confined solution
		Rising Head	Bouwer/Rice	0.01	
		Rising Head	Hvorslev	0.02	
		Rising Head	Cooper/Papadapoulos	0.01	Confined solution
PEN-46-13	Shallow	Falling Head	Bouwer/Rice	0.22	
		Falling Head	Hvorslev	0.32	
		Rising Head	Bouwer/Rice	0.35	
		Rising Head	Hvorslev	0.55	
PEN-46-14	Deep	Falling Head	Bouwer/Rice	0.01	
		Falling Head	Hvorslev	0.01	
		Falling Head	Cooper/Papadapoulos	0.002	Confined solution
		Rising Head	Bouwer/Rice	0.01	
		Rising Head	Hvorslev	0.01	
		Rising Head	Cooper/Papadapoulos	0.004	Confined solution
PEN-46-19	Shallow	Falling Head	Bouwer/Rice	0.05	
		Falling Head	Hvorslev	0.08	
		Rising Head	Bouwer/Rice	0.08	
		Rising Head	Hvorslev	0.13	
PEN-46-20	Deep	Falling Head	Bouwer/Rice	0.01	
		Falling Head	Hvorslev	0.01	
		Falling Head	Cooper/Papadapoulos	0.001	Confined solution
		Rising Head	Bouwer/Rice	0.01	
		Rising Head	Hvorslev	0.01	
		Rising Head	Cooper/Papadapoulos	0.001	Confined solution

SHALLOW WELL STATISTICAL SUMMARY

	Falling Head	Rising Head	Bouwer/Rice	Hvorslev	
PEN-46-03	0.13	0.15	0.13	0.22	
	0.22	0.24	0.15	0.24	
PEN-46-13	0.22	0.35	0.22	0.32	
	0.32	0.55	0.35	0.55	
PEN-46-19	0.05	0.08	0.05	0.081	**Geometric Mean of**
	0.08	0.13	0.08	0.13	**Shallow K (ft/min)**
Geometric Mean	**0.14**	**0.21**	**0.13**	**0.22**	**0.17**

DEEP WELL STATISTICAL SUMMARY

	Falling Head	Rising Head	Bouwer/Rice	Hvorslev	
PEN-46-04	0.013	0.013	0.013	0.016	
	0.016	0.018	0.013	0.018	
PEN-46-14	0.010	0.009	0.010	0.015	
	0.015	0.01	0.009	0.01	
PEN-46-20	0.007	0.008	0.007	0.008	**Geometric Mean of**
	0.008	0.009	0.008	0.009	**Shallow K (ft/min)**
Geometric Mean	**0.011**	**0.011**	**0.010**	**0.012**	**0.011**

SPECIFIC CAPACITY TEST RESULTS

Well	Total Depth (ft)	Flow Rate (gpm)	Pumping Duration	Drawdown (ft)	Conductivity (ft/day)
PEN-46-02	49.5	4	14 minutes	14.57	3.75
PEN-46-11	12.65	3	19 minutes	7.45	5.59
PEN-46-12	45.4	3.5	16 minutes	4.25	11.76
PEN-46-13	13.15	4	14 minutes	0.15	403.18
PEN-46-14	47.2	4	15 minutes	4.45	12.65
PEN-46-20	47.3	3	19 minutes	5.3	7.92

and extract groundwater from the sand and gravel aquifer. The nearest potable water well to Site 46 is Well 1, located approximately 5,000 feet to the northwest. The main source of potable water for the base is the Navy-owned well field located at Naval Technical Training Center (NTTC) Corry Station, which is located approximately three miles north of NAS Pensacola on the north side of Bayou Grande.

3.7 DEMOGRAPHY AND LAND USE

NAS Pensacola is located west of the City of Pensacola, Florida, in southern Escambia County. NAS Pensacola is an active military facility. The primary mission of the facility is aviation training. Additional missions include tenant support and services to other activities in the region. Land uses on base include training activities, equipment and materials storage, maintenance areas, recreational facilities, and residential housing for military personnel. Land use in the off-base areas adjacent to NAS Pensacola is primarily residential.

Site 46 is located adjacent to Pensacola Bay and controlled public access is allowed, recreational users as well as site and maintenance workers are expected to use the site. Following Hurricane Ivan, a paved walk way was installed along the bayfront following removal of old pavement west of Building 73. Building 73 has been renovated for use by Port Operations. Other buildings in the area are used for administrative and training facilities.

3.8 ECOLOGY

Site 46 is located in a developed area of the base, adjacent to Pensacola Bay. Ground cover at the site is predominantly paved parkings areas or buildings. Site 46 is adjacent to Pensacola Bay (IR Site 2) and wildlife use Site 46 temporarily, but due to lack of suitable habitat, are unlikely to feed at Site 46.

A list of federally listed threatened and endangered species and species of special concern for Escambia County was obtained from the web site for the Ecological Services and Fisheries Resource Office of the U.S. Fish and Wildlife Service in Panama City, Florida and is included in Appendix B. Five fish, 12 amphibians/reptiles, 14 birds, 4 mammals, and 24 plants are listed as threatened, endangered, or a species of special concern for the county (Appendix B). Some of the habitats listed for these special status species (i.e., estuarine or marine) exist in adjacent areas, but do not exist at Site 46. Therefore, the special status species recorded in Escambia County would be expected at areas adjacent to the site.

4.0 NATURE AND EXTENT OF CONTAMINATION

The analytical results for soil and groundwater samples collected during this investigation were compared to appropriate cleanup target levels (CTLs) established by FDEP. Analytical summary tables and contaminant concentration maps are presented in the investigation results sections. Validation reports for the laboratory analytical results are included in Appendix D.

4.1 CONTAMINANT SOURCES

The release of contaminants at Site 46 appears to have resulted from waste disposal practices related to paint stripping and painting operations or undocumented minor spills. The source and nature of materials, as well as the time of release, are unknown.

4.2 SOILS AND VADOSE ZONE

To evaluate the nature and extent of contaminants at Site 46, the surface and subsurface soil analytical results were compared to the risk-based SCTLs established in 62-777, Florida Administrative Code (FAC) for direct exposure-residential, direct exposure-industrial, and leachability based on groundwater criteria, as well as the NAS Pensacola reference concentrations for metals in soil (EnSafe, 1994). The reference concentrations are facility-specific background concentrations established for NAS Pensacola (Appendix B).

4.2.1 Lead Screening

Soil screening samples were collected at 28 locations at Site 46 for metals analysis. The samples were analyzed for lead, iron, and aluminum. Lead data were collected based on the findings of the Site 38 RI, which identified lead concentrations exceeding screening criteria in soil in the Building 72 area. Iron and aluminum data were collected to evaluate the overall level of metals in site soils and to aid in identifying locations where lead concentrations were elevated in comparison to other metals. The lead screening results are summarized in Table 4-1. Data validation reports are included in Appendix D

Soil boring location 46SB21 was reported to contain the the only lead concentration that exceeded the SCTL screening criteria (Figure 4-1). The reported concentration, 619 milligrams per kilogram (mg/kg), was greater than the residential SCTL of 400 mg/kg. Lead concentrations in the other soil samples were less than the residential SCTL. Therefore, the 46SB21 location was selected for full suite site characterization sampling and analysis. Iron and aluminum concentrations in each of the samples analyzed were less than the residential SCTLs.

TABLE 4-1

SOIL SCREENING ANALYTICAL RESULTS SUMMARY
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH	ALUMINUM	IRON	LEAD
PEN-46-SB01	PEN46SB0101	0-6"	1240	2250	133
	PEN46SB0102	6"-2'	523	3020	133
PEN-46-SB02	PEN46SB0201	0-6"	335	1640	70.6
	PEN46SB0202	6"-2'	663	3590	225
PEN-46-SB03	PEN46SB0301	0-6"	267	875	57.9
	PEN46SB0302	6"-2'	279	1440	106
PEN-46-SB04	PEN46SB0401	0-6"	166	442	1.8
	PEN46SB0402	6"-2'	30.3 U	54.8	0.88
PEN-46-SB05	PEN46SB0501	0-6"	1480	7020	62.6
	PEN46SB0502	6"-2'	304	1250	24.4
	PEN46SB0503	2'-4'	154	892	15.5
PEN-46-SB06	PEN46SB0601	0-6"	15700	8690	47.7
	PEN46SB0602	6"-2'	1510	1720	75.8
	PEN46SB0603	2'-4'	306	440	13.2
PEN-46-SB07	PEN46SB0701	0-6"	19700	11200	21.2
	PEN46SB0702	6"-2'	1260	3240	45.5
	PEN46SB0703	2'-4'	888	834	25.8
PEN-46-SB08	PEN46SB0801	0-6"	24500	13700	4.6
	PEN46SB0802	6"-2'	2500	2760	43.8
	PEN46SB0803	2'-4'	295	284	4.0
PEN-46-SB09	PEN46SB0901	0-6"	14400	10100	87.0
	PEN46SB0902	6"-2'	897	978	188
	PEN46SB0903	2'-4'	339	427	31.8
PEN-46-SB10	PEN46SB1001	0-6"	43.7 U	53.8	2.2
	PEN46SB1002	6"-2'	29 U	32.9	0.92
	PEN46SB1003	2'-4'	257	763	162
PEN-46-SB11	PEN46SB1101	0-6"	116	50.6	0.81
	PEN46SB1102	6"-2'	180	449	27.7
PEN-46-SB12	PEN46SB1201	0-6"	71.7 U	83	5.4
	PEN46SB1202	6"-2'	76.5 U	365	20.8
PEN-46-SB13	PEN46SB1301	0-6"	2480	2120	39.6
	PEN46SB1302	6"-2'	2230	2330	54.9
	PEN46SB1303	2'-4'	1540	1590	40.8
PEN-46-SB14	PEN46SB1401	0-6"	23200	12800	6.2
	PEN46SB1402	6"-2'	4770	2930	30.8
	PEN46SB1403	2'-4'	240	256	40.5

TABLE 4-1

SOIL SCREENING ANALYTICAL RESULTS SUMMARY
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH	ALUMINUM	IRON	LEAD
PEN-46-SB15	PEN46SB1501	0-6"	14300	8180	174
	PEN46SB1502	6"-2'	759	848	158
	PEN46SB1503	2'-4'	314	1770	23.8
PEN-46-SB16	PEN46SB1601	0-6"	16700	10100	14.3
	PEN46SB1602	6"-2'	635	1280	279
	PEN46SB1603	2'-4'	4270	2870	55.7
PEN-46-SB17	PEN46SB1701	0-6"	308	377	12.2
	PEN46SB1702	6"-2'	46.2 U	78.2	2.5
	PEN46SB1703	2'-4'	55.6 U	565	17.7
PEN-46-SB18	PEN46SB1801	0-6"	13900	8040	29
	PEN46SB1802	6"-2'	225	3130	286
	PEN46SB1803	2'-4'	181	270	36.3
PEN-46-SB19	PEN46SB1901	0-6"	6590	3880	18.2
	PEN46SB1902	6"-2'	317	201	1.3
	PEN46SB1903	2'-4'	201	399	88.2
PEN-46-SB20	PEN46SB2001	0-6"	5510	2730	79
	PEN46SB2002	6"-2'	231	122	2.2
	PEN46SB2003	2'-4'	149	108	29.6
PEN-46-SB21	PEN46SB2101	0-6"	9000	10300	**619**
	PEN46SB2102	6"-2'	57.7 U	320	13.6
	PEN46SB2103	2'-4'	132	649	17.3
PEN-46-SB22	PEN46SB2201	0-6"	12600	7180	15.4
	PEN46SB2202	6"-2'	84.7 U	343	8.1
	PEN46SB2203	2'-4'	61.3 U	64.5	4.9
PEN-46-SB23	PEN46SB2301	0-6"	6150	2240	56.3
	PEN46SB2302	6"-2'	759	343	9.8
PEN-46-SB24	PEN46SB2401	0-6"	2660	3520	78.1
	PEN46SB2402	6"-2'	130	151	5.8
PEN-46-SB25	PEN46SB2501	0-6"	2960	2260	150
	PEN46SB2502	6"-2'	1400	4330	66.6
	PEN46SB2503	2'-4'	251	891	18.9
PEN-46-SB26	PEN46SB2601	0-6"	95.7 U	305	92.9
	PEN46SB2602	6"-2'	7680	5390	136
	PEN46SB2603	2'-4'	165	562	139
PEN-46-SB27	PEN46SB2701	0-6"	7660	4910	149
	PEN46SB2702	6"-2'	175	863	214

TABLE 4-1

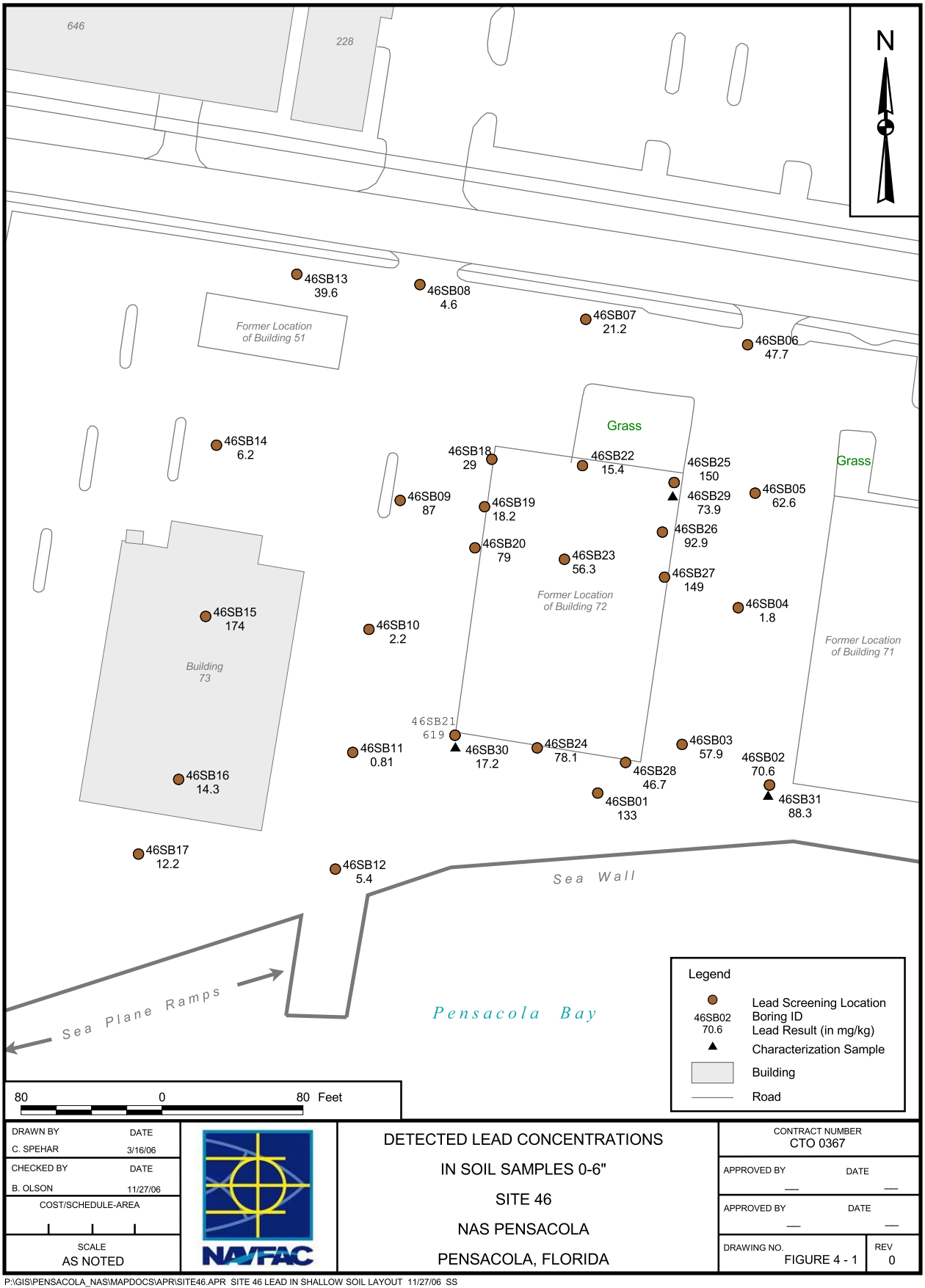
SOIL SCREENING ANALYTICAL RESULTS SUMMARY
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING	SAMPLE ID	SAMPLE DEPTH	ALUMINUM	IRON	LEAD
PEN-46-SB28	PEN46SB2801	0-6"	90.2 U	1260	46.7
	PEN46SB2802	6"-2'	101 U	518	29.9
PEN-46-SB29	PEN46SB2901	0-6"	4590	2820 J	73.9
(Characterization sample	PEN46SB2902	6"-2'	978	1410 J	67.1
at PEN-46-SB25 location)	PEN46SB2903	2'-4'	67.2	275 J	7.6
PEN-46-SB30	PEN46SB3001	0-6"	129	377 J	17.2
(Characterization sample	PEN46SB3001D	0-6"	146	1090 J	23.9
at PEN-46-SB21 location)	PEN46SB3002	6"-2'	195	538 J	17.7
	PEN46SB3003	2'-4'	127	475 J	38.3
PEN-46-SB31	PEN46SB3101	0-6"	1560	2830 J	88.3
(Characterization sample	PEN46SB3102	6"-2'	983	2030 J	135
at PEN-46-SB02 location)	PEN46SB3103	2'-3'	209	1510 J	62.4

Notes:

SCTL (mg/kg)	ALUMINUM	IRON	LEAD
RESIDENTIAL	80000	53000	400
INDUSTRIAL	*	*	1400

J - Estimated concentration less than the method quantitation limit.
U = Less than laboratory method detection limit.
Bold values exceed critieria - [R] = Residential, [I] = Industrial.
* = No Criteria Established in 62-777, FAC.
mg/kg = milligrams per kilogram



DRAWN BY: C. SPEHAR	DATE: 3/16/06	DETECTED LEAD CONCENTRATIONS IN SOIL SAMPLES 0-6" SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER: CTO 0367
CHECKED BY: B. OLSON	DATE: 11/27/06		APPROVED BY: — DATE: —
COST/SCHEDULE-AREA			APPROVED BY: — DATE: —
SCALE: AS NOTED			DRAWING NO.: FIGURE 4 - 1 REV: 0

P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE46.APR SITE 46 LEAD IN SHALLOW SOIL LAYOUT 11/27/06 SS

The soil screening samples were also field-screened for organic vapors using headspace methods. No areas of elevated headspace screening responses, specified as greater than 100 parts per million (ppm) in the Sampling and Analysis Plan (SAP) (TtNUS, 2005) were found. The headspace screening results are summarized in Table 4-2. The soil boring logs are included in Appendix A.

Headspace screening responses in vadose zone soil greater than 1 ppm were limited to the 46SB03, 46SB25, and 46SB26 locations (Figure 4-1). The highest recorded response, 14.4 ppm from 2 to 4 feet at 46SB26. Soil samples from soil borings 46SB03 and 46SB25 were selected for full suite site characterization sampling and analysis.

4.2.2 Site Characterization Soil Sampling

The characterization soil samples were collected at three soil boring locations at Site 46: 46SB03, 46SB21, and 46SB25. Three soil samples were collected from each of the boring locations at depths of 0-6 inches, 6 inches to 2 feet, and 2 feet to 4 feet. The characterization samples were analyzed for TCL VOCs, TCL SVOCs and PAHs, TCL pesticides and PCBs, and petroluem hydrocarbons, and TAL inorganics. The characterization samples were also submitted for SPLP extraction and analysis for TCL VOCs and TAL inorganics. One trip blank, one rinsate blank, and one field duplicate were collected for quality assurance/quality control (QA/QC) purposes. Data validation reports are included in Appendix D.

4.2.2.1 Metals

The soil samples collected for full suite analysis were analyzed for TAL inorganics. Table 4-3 summarizes the inorganic analytes detected in the characterization soil samples. Table 4-4 summarizes the analytical results for the SPLP samples.

Lead concentrations reported for the site characterization soil samples were less than the residential SCTL, including the characterization samples collected at the soil screening sample location where lead had been detected at a concentration greater than the residential SCTL (Figure 4-1). A default leaching SCTL has not been established for lead, therefore results of the SPLP extraction and analysis were compared to the GCTL for lead. The lead concentrations for soil samples extracted by SPLP and analyzed for metals were greater than the GCTL for lead [15 micrograms per liter (μg/L)] in the following samples:

- 46SB2902 41.2 μg/L
- 46SB2903 33.7 μg/L
- 46SB3001 57.4 μg/L
- 46SB3002 48.6 μg/L
- 46SB3003 259 μg/L
- 46SB3103 125 μg/L

TABLE 4-2

FIELD HEADSPACE SCREENING RESULTS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING	SAMPLE DEPTH	HEADSPACE RESPONSE	COMMENTS	LAB SAMPLES
PEN46SB01	0-0.5 ft	NA		
	0.5-2 ft	NA	Wet at 2 ft	
PEN46SB02	0-0.5 ft	0.3 ppm		PEN46SB3101
	0.5-2 ft	0.3 ppm	Wet at 2 ft	PEN46SB3102
	2-4 ft	NA	Not field screened	PEN46SB3103
PEN46SB03	0-0.5 ft	1.1 ppm		
	0.5-2 ft	0.8 ppm	Wet at 2 ft	
PEN46SB04	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm	Wet at 2 ft	
PEN46SB05	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB06	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB07	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB08	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB09	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB10	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB11	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm	Refusal at 2 ft, soil moist	
PEN46SB12	0-0.5 ft	0.1 ppm		
	0.5-2 ft	0.0 ppm	Wet at 2 ft	
PEN46SB13	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB14	0-0.5 ft	0.6 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB15	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	

TABLE 4-2

FIELD HEADSPACE SCREENING RESULTS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING	SAMPLE DEPTH	HEADSPACE RESPONSE	COMMENTS	LAB SAMPLES
PEN46SB16	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-3 ft	0.0 ppm	Refusal at 3 ft	
PEN46SB17	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-3 ft	0.0 ppm	Wet at 3 ft	
PEN46SB18	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-3 ft	0.0 ppm	Wet at 3 ft	
PEN46SB19	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-3 ft	0.0 ppm	Wet at 3 ft	
PEN46SB20	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-3 ft	0.0 ppm	Wet at 3 ft	
PEN46SB21	0-0.5 ft	0.0 ppm		PEN46SB3001
	0.5-2 ft	0.0 ppm		PEN46SB3002
	2-3 ft	0.0 ppm	Wet at 3 ft	PEN46SB3003
PEN46SB22	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	0.0 ppm	Wet at 4 ft	
PEN46SB23	0-0.5 ft	0.1 ppm		
	0.5-2 ft	0.0 ppm	Wet at 2.5 ft	
PEN46SB24	0-0.5 ft	0.1 ppm		
	0.5-2 ft	0.0 ppm	Wet at 2.5 ft	
PEN46SB25	0-0.5 ft	2.8 ppm		PEN46SB2901
	0.5-2 ft	2.5 ppm		PEN46SB2902
	2-4 ft	1.1 ppm	Wet at 4 ft	PEN46SB2903
PEN46SB26	0-0.5 ft	1.5 ppm		
	0.5-2 ft	0.0 ppm		
	2-4 ft	14.4 ppm	Wet at 4 ft	
PEN46SB27	0-0.5 ft	0.0 ppm		
	0.5-2 ft	0.0 ppm	Refusal at 2.5 ft	
PEN46SB28	0-0.5 ft	0.1 ppm		
	0.5-2 ft	0.0 ppm	Wet at 2 ft	

NOTES:
ft = feet
ppm = parts per million
NA = not analyzed

TABLE 4-3

INORGANIC DETECTIONS - SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	NAS	46SB29	46SB29	46SB29	46SB30	46SB30
SAMPLE ID	EXPOSURE	EXPOSURE	TO	PENSACOLA	PEN46SB2901	PEN46SB2902	PEN46SB2903	PEN46SB3001	PEN46SB3001D
SAMPLE DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	REFERENCE	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5
SAMPLE DATE	SCTL	SCTL	SCTL	CONCENTRATION	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
INORGANICS (mg/kg)								(original sample)	(field duplicate)
ALUMINUM	80000	N/C	N/C	3833	4590	978	67.2	129	146
ANTIMONY	27	370	5.4	9.5	0.06 U	0.06 U	0.01 U	0.06 U	0.05 U
ARSENIC	2.1	12	N/C	1.6	1.3	1.4	0.1	0.16	0.48
BARIUM	120	130000	1600	4.6	35.5	56.2	1.5	1.2	2.3
CADMIUM	82	1700	7.5	1	0.33 U	0.26 U	0.24 U	0.41 U	0.25 U
CALCIUM	N/C	N/C	N/C	912	9390	1880	155	168	155
CHROMIUM	210	470	N/C	6.1	5.7	2.7	0.60 U	4.2	4.2
COBALT	1700	42000	N/C	1.9	0.65	0.52	0.17 U	0.28 U	0.18 U
COPPER	150	89000	N/C	5.7	8.3	19.9	1.7	6.3	8.2
IRON	53000	N/C	N/C	2745	2820 J	1410 J	275 J	377 J	1090 J
LEAD	400	1400	N/C	7.3	73.9	67.1	7.6	17.2	23.9
MAGNESIUM	N/C	N/C	N/C	133	224	60	9.4 U	43.3	42.3
MANGANESE	3500	43000	N/C	21.3	25.3 J	11.6 J	1.9 J	2.9 J	6.1 J
MERCURY	3	17	2.1	0.1	0.04 U	0.05	0.01 U	0.09	0.03 U
NICKEL	340	35000	130	6.4	3.1	2.2	0.64 U	1.09 U	1.1
SODIUM	N/C	N/C	N/C	108	2.53 U	17.9 U	1.84 U	3.15 U	1.97 U
VANADIUM	67	10000	980	5.8	7.2	2.2	0.27 U	0.46 U	0.46
ZINC	26000	630000	N/C	16.9	37.3	12	3	12.9	18

NOTES:
SCTL- Florida soil cleanup target level
NAS Pensacola Reference Concentration - EnSafe 1994
ft - feet
mg/kg - milligrams per kilogram
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown
J - Estimated concentration less than the method quantitation limit

TABLE 4-3

INORGANIC DETECTIONS - SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SAMPLE LOCATION	DIRECT EXPOSURE RESIDENTIAL SCTL	DIRECT EXPOSURE INDUSTRIAL SCTL	LEACHING TO GROUNDWATER SCTL	NAS PENSACOLA REFERENCE CONCENTRATION	46SB30	46SB30	46SB31	46SB31	46SB31
SAMPLE ID					PEN46SB3002	PEN46SB3003	PEN46SB3101	PEN46SB3102	PEN46SB3103
SAMPLE DEPTH (ft)					0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 3
SAMPLE DATE					12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
INORGANICS (mg/kg)									
ALUMINUM	80000	N/C	N/C	3833	195	127	1560	983	209
ANTIMONY	27	370	5.4	9.5	0.06 U	0.04 U	0.11 U	0.08 U	0.44
ARSENIC	2.1	12	N/C	1.6	0.3	0.4	2.1	**2.4**	1.3
BARIUM	120	130000	1600	4.6	2.3	1.8	17.9	13.3	9
CADMIUM	82	1700	7.5	1	0.30 U	0.31 U	1.2	2.4	0.85
CALCIUM	N/C	N/C	N/C	912	604	180	15300	2720	696
CHROMIUM	210	470	N/C	6.1	3.3	5.8	28.2	23.3	6.8
COBALT	1700	42000	N/C	1.9	0.21 U	0.22 U	0.7	0.45	0.29
COPPER	150	89000	N/C	5.7	5.9	38.5	13.5	75.8	111
IRON	53000	N/C	N/C	2745	538 J	475 J	2830 J	2030 J	1510 J
LEAD	400	1400	N/C	7.3	17.7	38.3	88.3	135	62.4
MAGNESIUM	N/C	N/C	N/C	133	73.6	62.4	637	574	80.4
MANGANESE	3500	43000	N/C	21.3	6.5 J	1.6 J	26.9 J	14.0 J	4.7 J
MERCURY	3	17	2.1	0.1	0.04 U	0.29	0.07	0.19	0.14
NICKEL	340	35000	130	6.4	0.9	0.83 U	5.8	2.6	2.1
SODIUM	N/C	N/C	N/C	108	2.32 U	2.39 U	2.88 U	122	2.54 U
VANADIUM	67	10000	980	5.8	0.65	0.78	4.4	2.6	1.5
ZINC	26000	630000	N/C	16.9	12.7	8.2	137	140	35.8

NOTES:
SCTL- Florida soil cleanup target level
NAS Pensacola Reference Concentration - EnSafe 1994
ft - feet
mg/kg - milligrams per kilogram
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown
J - Estimated concentration less than the method quantitation limit

TABLE 4-4

SPLP RESULTS - SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING		NAS	46SB25	46SB25	46SB25	46SB21	46SB21
SAMPLE ID		PENSACOLA	PEN46SB2901	PEN46SB2902	PEN46SB2903	PEN46SB3001	PEN46SB3001-D
SAMPLE DEPTH (ft)	FLORIDA	REFERENCE	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5
SAMPLE DATE	GCTL	CONCENTRATION	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
VOLATILE ORGANICS (µg/L)							
CHLOROFORM	70	No reference concentrations established for organic analytes	17 J	1 U	0.4 U	0.4 U	0.4 U
ETHYLBENZENE	30		2	0.3 J	0.6 J	2 J	0.2 UJ
TOLUENE	40		0.2 U	0.2 J	0.2 U	0.2 U	0.2 U
TOTAL XYLENES	20		10 J	1 U	3 U	12 J	1 U
TRICHLOROETHENE	3		**4**	**13**	1	0.3 U	0.3 U
INORGANICS (µg/L)							
ALUMINUM	200	3882	**4610**	1730	1410	667	898
ARSENIC	10	2.8	1.5 U	4.4 U	3.0 U	1.3 U	1.3 U
BARIUM	2000	13	163 J	164 J	33.4 J	110 J	256 J
CALCIUM	N/C	17560	158000	39200	19400	8220	8270
CHROMIUM	100	35	21.7	9.3 U	6.0 U	16.3	12.5
COPPER	1000	16	3.6	11.9	4.2	24.8	14.1
IRON	300	1707	95.5 U	285	458	831	798
LEAD	15	1.6	9.7	**41.2**	**33.7**	**57.4**	**48.6**
MAGNESIUM	N/C	2873	42.9 U	119 U	219 U	1220	1370
MANGANESE	50	22	1.8 U	5.5 U	4.4 U	43.7	41.3
NICKEL	100	40	11.7 U	11.7 U	11.7 U	11.7 U	11.7 U
SODIUM	160000	18345	2000	490	79.1 U	204 U	1630 U
VANADIUM	49	9.6	4.88 U	5.8	4.88 U	5.8	4.88 U
ZINC	5000	153	31.8 J	114 J	36.7 J	402 J	235 J

NOTES:
GCTL- Florida groundwater cleanup target level.
ft - feet
UG/L - micrograms per liter
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration less than method quantitation limit.

TABLE 4-4

SPLP RESULTS - SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SOIL BORING		NAS	46SB21	46SB21	46SB02	46SB02	46SB02
SAMPLE ID		PENSACOLA	PEN46SB3002	PEN46SB3003	PEN46SB3101	PEN46SB3102	PEN46SB3103
SAMPLE DEPTH (ft)	FLORIDA	REFERENCE	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 3
SAMPLE DATE	GCTL	CONCENTRATION	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
VOLATILE ORGANICS (µg/L)							
CHLOROFORM	70	No reference concentrations established for organic analytes	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ETHYLBENZENE	30		0.3 J	1 J	0.2 U	0.2 U	0.2 U
TOLUENE	40		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOTAL XYLENES	20		2 U	6 U	0.8 U	0.8 U	0.8 U
TRICHLOROETHENE	3		0.3 U	0.3 U	0.8 J	2 J	0.5 J
INORGANICS (µg/L)							
ALUMINUM	200	3882	524	812	1580	475	337 U
ARSENIC	10	2.8	1.4	2.9 U	3.0 U	7.6 U	5.7 U
BARIUM	2000	13	210 J	350 J	143 J	102 J	76.3 J
CALCIUM	N/C	17560	5910	11200	132000	32600	20100
CHROMIUM	100	35	11.9	10.2 U	65.6	28.7	17.9 U
COPPER	1000	16	22.9	740	10.7	5.5	214
IRON	300	1707	510	110 U	9.1 U	16.0 U	1440
LEAD	15	1.6	**48.6**	**259**	2.7 U	4.0 U	**125**
MAGNESIUM	N/C	2873	1180	2950	26.8 U	311 U	1300
MANGANESE	50	22	36.8	34.5	0.70 U	0.70 U	4.3 U
NICKEL	100	40	11.7 U	18	11.7 U	11.7 U	11.7 U
SODIUM	160000	18345	1140 U	3440	1440 U	2390	2260
VANADIUM	49	9.6	4.88 U	4.88 U	4.88 U	4.88 U	4.88 U
ZINC	5000	153	251 J	586 J	22.8 J	15.2 U	73.8 J

NOTES:
GCTL- Florida groundwater cleanup target level.
ft - feet
UG/L - micrograms per liter
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration less than method quantitation limit.

Arsenic was detected in the two soil characterization samples at concentrations equal to or greater than the residential SCTL for arsenic, 2.1 mg/kg (Table 4-3):

- 46SB3101 2.1 mg/kg
- 46SB3102 2.4 mg/kg

A statistical analysis of the distribution of arsenic and iron in soil at NAS Pensacola was prepared in order to identify sites where arsenic concentrations were elevated due to site activities (Appendix B). Arsenic and iron data from 653 soil samples collected base-wide were evaluated and 55 of these soil samples were determined to be outliers enriched in arsenic relative to the iron concentration. None of the soil samples from Site 46 were in this outlier group that was enriched in arsenic. The statistical analysis indicated a range of background arsenic concentrations from 0.1 to 17.5 mg/kg in soils at NAS Pensacola, indicating that arsenic concentrations up to 17.5 mg/kg can be due to natural processes and not release of arsenic from site activities. The two arsenic concentrations reported in Site 46 soil samples that exceeded residential SCTLs (2.1 mg/kg and 2.4 mg/kg) are within this stastical analysis background range and are therefore not believed to be attributal to site related activities.

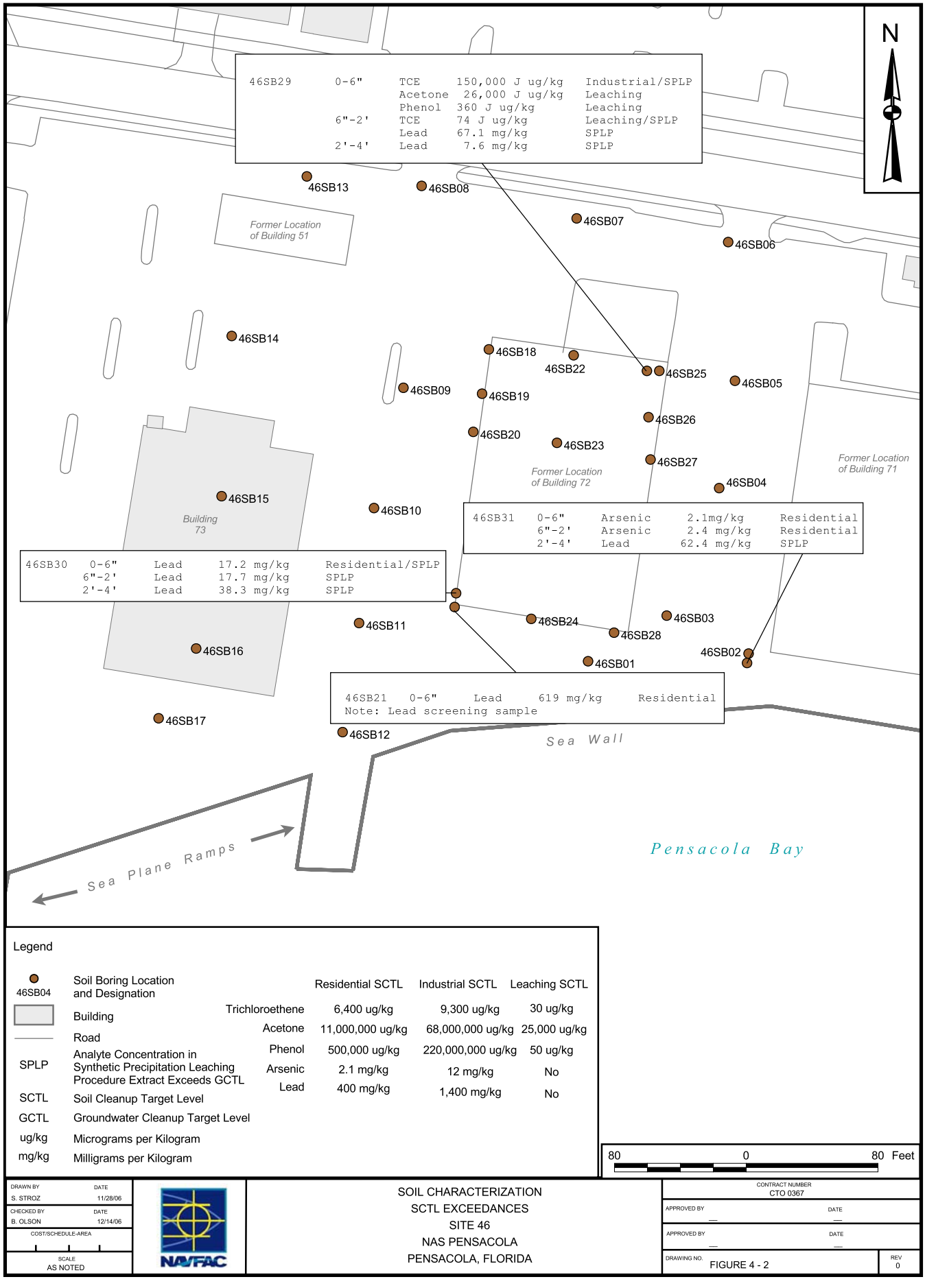
The soil boring 46SB31 characterization samples were collected adjacent to the 46SB02 soil screening location because of headspace screening responses. These soil borings are located at the boundary of Sites 38 and 46 (Figure 4-2). A default leaching SCTL has not been established for arsenic, therefore results of the SPLP extraction and analysis were compared to the GCTL for arsenic of 10 μg/L. The arsenic concentrations reported for all SPLP samples were less than the arsenic GCTL (Table 4-4).

Aluminum, chromium, cobalt, copper, iron, manganese, and zinc do not have default leaching to groundwater SCTLs. Chromium, copper, iron, manganese, and zinc were detected in SPLP results from one or more samples at concentrations less than the GCTLs and/or base-wide reference concentrations (Table 4-4).

Aluminum was reported in one soil characterization sample with a SPLP result greater than the GCTL of 200 μg/L and the reference concentration of 3,882 μg/L (Table 4-4). Aluminum was detected in the SPLP results for seven of the other eight characterization samples at concentrations ranging from 1,730 μg/L to 475 μg/L, which are greater than the GCTL, but less than the NAS Pensacola reference concentration.

Metals including antimony, arsenic, chromium, iron, lead, and sodium were reported in the rinsate blank collected during the soil sampling event (Table 4-5). The metals detections in the rinsate blank was below data validation action levels.

P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE46.APR REVISED SITE 46 SOIL TAG LAYOUT 12/14/06 SS



DRAWN BY S. STROZ	DATE 11/28/06	SOIL CHARACTERIZATION SCTL EXCEEDANCES SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 12/14/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 4 - 2 REV 0

TABLE 4-5

ORGANIC DETECTIONS SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SAMPLE LOCATION	DIRECT EXPOSURE RESIDENTIAL SCTL	DIRECT EXPOSURE INDUSTRIAL SCTL	LEACHING TO GROUNDWATER SCTL	46SB25	46SB25	46SB25	46SB21	46SB21
SAMPLE ID				PEN46SB2901	PEN46SB2902	PEN46SB2903	PEN46SB3001	PEN46SB3001-D
SAMPLE DEPTH (ft)				0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5
SAMPLE DATE				12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
VOLATILE ORGANICS (ug/kg)								
ACETONE	11,000,000	68,000,000	25,000	**26000 J**	19 J	9 J	13 J	12 J
TETRACHLOROETHENE	8,800	18,000	30	1500 U	1 U	1 U	1 U	1 U
TRICHLOROETHENE	6,400	9,300	30	**150000 J**	**74 J**	19	0.9 U	0.9 U
SEMIVOLATILE ORGANICS (ug/kg)								
2-METHYLNAPHTHALENE	210,000	2,100,000	8,500	6 J	5 J	4 J	0.6 U	0.6 U
ACENAPHTHYLENE	1,800,000	20,000,000	27,000	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
ANTHRACENE	21,000,000	300,000,000	2,500,000	2 J	0.9 U	0.8 U	0.9 U	0.9 U
BENZO(G,H,I)PERYLENE	2,500,000	52,000,000	32,000,000	19 J	16 J	2 UJ	3 J	2 UJ
DI-N-BUTYL PHTHALATE	8,200,000	170,000,000	47,000	88 U	90 U	89 U	92 U	93 U
FLUORANTHENE	3,200,000	59,000,000	1,200,000	21 J	11 J	5 J	11 J	8 J
FLUORENE	2,600,000	33,000,000	160,000	0.8 J	0.6 U	0.6 U	0.7 U	0.7 U
NAPHTHALENE	55,000	300,000	1,200	3 J	1 J	0.9 U	1 U	1 U
PHENANTHRENE	2,200,000	36,000,000	250,000	17 J	9 J	3 J	7 J	4 J
PHENOL	500,000	220,000,000	50	**360 J**	98 U	96 U	100 U	100 U
PYRENE	2,400,000	45,000,000	880,000	19 J	11 J	5 J	9 J	7 J
CARCINOGENIC PAHS (ug/kg)								
BENZO(A)ANTHRACENE	N/C	N/C	800	19 J	13 J	7 J	1 U	8 J
BENZO(A)PYRENE	100	700	8,000	21 J	12 J	4 J	5 J	4 J
BENZO(B)FLUORANTHENE	N/C	N/C	2,400	36	22	2 U	2 U	2 U
BENZO(K)FLUORANTHENE	N/C	N/C	24,000	13 J	9 J	1 U	1 U	1 U
CHRYSENE	N/C	N/C	77,000	18 J	10 J	1 U	1 U	3 J
DIBENZO(A,H)ANTHRACENE	N/C	N/C	700	5 J	5 J	2 UJ	2 UJ	2 UJ
INDENO(1,2,3-CD)PYRENE	N/C	N/C	6,600	18 J	17 J	2 UJ	2 J	2 UJ
BENZO(A)PYRENE EQUIVALENT	100	700	N/C	33	22	6	6	6
PESTICIDES/PCBS (ug/kg)								
AROCLOR-1260	500	2,600	17,000	4.4 U	4.4 U	4.4 U	4.6 U	4.6 U
PETROLEUM HYDROCARBONS (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2,700	340,000	44 U	48 U	18 U	20 U	36 U

Notes:
SCTL- Florida soil cleanup target level
ft - feet
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration less than the method quantitation limit.

TABLE 4-5

ORGANIC DETECTIONS SOIL CHARACTERIZATION SAMPLES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

SAMPLE LOCATION	DIRECT EXPOSURE RESIDENTIAL SCTL	DIRECT EXPOSURE INDUSTRIAL SCTL	LEACHING TO GROUNDWATER SCTL	46SB21	46SB21	46SB02	46SB02	46SB02
SAMPLE ID				PEN46SB3002	PEN46SB3003	PEN46SB3101	PEN46SB3102	PEN46SB3103
SAMPLE DEPTH (ft)				0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 3
SAMPLE DATE				12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
VOLATILE ORGANICS (ug/kg)								
ACETONE	11,000,000	68,000,000	25,000	9 J	4 U	22 J	16 J	10 J
TETRACHLOROETHENE	8,800	18,000	30	1 U	1 U	6 J	2 J	9
TRICHLOROETHENE	6,400	9,300	30	0.9 U	3 J	11 J	6	18
SEMIVOLATILE ORGANICS (ug/kg)								
2-METHYLNAPHTHALENE	210,000	2,100,000	8,500	0.6 U	6 J	13 J	9 J	8 J
ACENAPHTHYLENE	1,800,000	20,000,000	27,000	0.6 U	3 J	2 J	0.6 U	2 J
ANTHRACENE	21,000,000	300,000,000	2,500,000	0.9 U	0.9 U	0.9 U	0.8 U	0.8 U
BENZO(G,H,I)PERYLENE	2,500,000	52,000,000	32,000,000	2 UJ	17 J	18 J	2 UJ	17 J
DI-N-BUTYL PHTHALATE	8,200,000	170,000,000	47,000	94 U	90 U	90 U	88 U	99 J
FLUORANTHENE	3,200,000	59,000,000	1,200,000	5 J	60	24	7 J	25
FLUORENE	2,600,000	33,000,000	160,000	0.7 U	0.6 U	0.6 U	0.6 U	0.6 U
NAPHTHALENE	55,000	300,000	1,200	1 U	2 J	40	34	22
PHENANTHRENE	2,200,000	36,000,000	250,000	3 J	21 J	13 J	5 J	12 J
PHENOL	500,000	220,000,000	50	100 U	98 U	98 U	96 U	96 UJ
PYRENE	2,400,000	45,000,000	880,000	5 J	47	34	13 J	46
CARCINOGENIC PAHS (ug/kg)								
BENZO(A)ANTHRACENE	N/C	N/C	800	1 U	29	27	1 U	32
BENZO(A)PYRENE	100	700	8,000	3 J	31	24	10 J	33
BENZO(B)FLUORANTHENE	N/C	N/C	2,400	2 U	40	2 U	2 U	45
BENZO(K)FLUORANTHENE	N/C	N/C	24,000	2 U	22	1 U	1 U	23
CHRYSENE	N/C	N/C	77,000	1 U	32	19 J	1 U	31
DIBENZO(A,H)ANTHRACENE	N/C	N/C	700	2 UJ	5 J	2 UJ	2 UJ	2 UJ
INDENO(1,2,3-CD)PYRENE	N/C	N/C	6,600	2 UJ	18 J	16 J	2 UJ	17 J
BENZO(A)PYRENE EQUIVALENT	100	700	N/C	4	45	29	11	44
PESTICIDES/PCBS (ug/kg)								
AROCLOR-1260	500	2,600	17,000	4.6 U	4.5 U	360	50	28
PETROLEUM HYDROCARBONS (mg/kg)								
TOTAL PETROLEUM HYDROCARBONS	460	2,700	340,000	26 U	30 U	110	59 U	30 U

Notes:
SCTL- Florida soil cleanup target level
ft - feet
ug/kg - micrograms per kilogram
mg/kg - milligrams per kilogram
N/C - No criteria established
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration less than the method quantitation limit.

4.2.2.2 VOCs

The soil characterization samples collected for full suite analysis were analyzed for TCL VOCs. Table 4-5 summarizes the organic analytes detected in the characterization soil samples. Table 4-4 summarizes the analytical results for the SPLP samples.

TCE was detected in one of the characterization soil samples at a concentration greater than the industrial SCTL (Table 4-5). The reported TCE concentration in soil sample 46SB2901 (the characterization sample collected from 0 to 6 inches adjacent to the 46SB25 soil screening location) was estimated at 150,000 micrograms per kilogram (μg/kg), which is greater than the industrial SCTL of 9,300 μg/kg and the default leaching SCTL of 30 μg/kg. Soil sample 46SB2902, collected from 6 inches to 2 feet at this soil boring location, had an estimated TCE concentration of 74 μg/kg, which also exceeds the leaching SCTL. The SPLP results for samples 46SB2901 (4 μg/L), and 46SB2902 (13 μg/L), exceeded the GCTL for TCE of 3 μg/L. The reported concentrations of TCE in the other characterization samples collected at Site 46 were less than the SCTLs.

PCE was detected in three soil characterization samples, 46SB3101, 46SB3102, and 46SB3103 (the characterization samples collected at the 46SB02 soil screening location) at concentrations less than the SCTLs (Table 4-5). PCE concentrations were less than the standard laboratory detection limits in the other soil characterization samples collected at Site 46.

Acetone was detected in one of the characterization soil samples at a concentration greater than the leaching SCTL (Table 4-5). The reported acetone concentration in 46SB2901 (the characterization sample collected from 0 to 6 inches at the 46SB25 soil screening location) was estimated at 26,000 μg/kg, which is greater than the default leaching SCTL of 25,000 μg/kg. Acetone was not reported in the SPLP VOC results for the Site 46 soil characterization samples.

Chloroform, ethylbenzene, toluene, and total xylenes were reported in one or more of the SPLP VOC analyses of the soil characterization samples. The reported SPLP results were less than GCTLs for these compounds.

Acetone and 2-butanone were reported in the rinsate blank collected during the soil sampling event (Table 4-5). The acetone detection in the rinsate blank was below data validation action levels. 2-butanone was not detected in the soil samples. Volatile concentrations in the trip blank were less than the laboratory detection limits.

4.2.2.3 SVOCs

The soil samples collected for full suite analysis were analyzed for TCL SVOCs. Table 4-5 provides a summary of the organic analytes detected in the characterization soil samples. Analytical results for carcinogenic PAHs are discussed in the next section.

Phenol was detected in soil sample 46SB2901 (the characterization sample collected adjacent to the 46SB25 location) at an estimated concentration of 360 μg/kg, which exceeds the leaching to groundwater criteria of 50 μg/kg (Table 4-5). Phenol concentrations were less than the standard laboratory detection limits in the other soil characterization samples collected at Site 46. Phenol was reportedly used as a solvent at the site (NEESA, 1983).
Other SVOCs detected in soil samples collected at Site 46 at concentrations less than screening criteria included acenaphthylene, anthracene, benzo(g,h,i)perylene, di-N-butyl phthalate, fluoranthene, fluorene, 2-methylnaphthalene, naphthalene, phenanthrene, and pyrene.

Naphthalene and diethylphthalate were reported in the rinsate blank collected during the soil sampling event (Table 4-5). The naphthalene detection in the rinsate blank was below data validation action levels. Diethylpthalate was not detected in the soil samples.

4.2.2.4 Carcinogenic PAHs

The seven carcinogenic PAHs listed in 62-777, FAC are benzo(a)pyrene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, chrysene, and indeno(1,2,3-CD)pyrene. The concentration of each carcinogenic PAH is converted to a benzo(a)pyrene equivalent concentration using a toxic equivalency factor (TEF). The TEFs for the carcinogenic PAHS are:

- Benzo(a)pyrene 1.0
- Benzo(a)anthracene 0.1
- Benzo(b)fluoranthene 0.1
- Benzo(k)fluoranthene 0.01
- Dibenzo(a,h)anthracene 1.0
- Chrysene 0.001
- Indeno(1,2,3-CD)pyrene 0.1

The benzo(a)pyrene equivalent concentrations of the detected carcinogenic PAHs are summed for each sample and the sum is compared to the direct exposure SCTLs established for benzo(a)pyrene in 62-777, FAC. Table 4-5 summarizes the positive detections of carcinogenic PAHs and the calculated benzo(a)pyrene equivalent concentrations.

One or more carcinogenic PAHs were detected in each of the soil samples collected at Site 46 at concentrations less than the screening criteria. Benzo(a)pyrene equivalent concentrations were less than the residential SCTL in the soil samples collected at Site 46.

4.2.2.5 PCBs

Aroclor-1260 was detected in the three soil characterization samples, 46SB3101, 46SB3102, and 46SB3103 (the characterization samples collected at the 46SB02 soil screening location) at concentrations less than the SCTLs for PCBs (Table 4-5). Pesticide and PCB concentrations were less than the standard laboratory detection limits in the other soil characterization samples collected at Site 46.

4.2.2.6 Petroleum Hydrocarbons

Total petroleum hydrocarbons (TPH) were detected in soil characterization sample 46SB3101 (the characterization sample collected from 0 to 6 inches at the 46SB02 soil screening location) at a concentration less than the SCTL for total recoverable petroleum hydrocarbon (TRPH) (Table 4-5). TRPH concentrations were less than the standard laboratory detection limits in the other soil characterization samples collected at Site 46.

TRPH was reported in the rinsate blank collected during the soil sampling event (Table 4-5). The TRPH detection in the rinsate blank was below data validation action levels.

4.2.3 CVOC Delineation

The site characterization sampling identified an area at the northeast corner of the former Building 72 foundation (the 46SB25 and 46SB29 soil boring locations) where TCE concentrations exceeded the industrial SCTL. Thirteen additional soil boring locations were sampled to delineate the extent of the TCE release (Figure 4-3). Three field duplicates and one trip blank were collected for QA/QC purposes. The soil samples collected for this phase of the investigation were analyzed for selected CVOCs.

TCE was detected in two of the delineation soil samples at a concentration greater than the industrial SCTL (Table 4-6). The reported TCE concentration in soil samples 46SB3301 (32,000 μg/kg) and 46SB3302 (26,000 μg/kg) were greater than the industrial SCTL of 9,300 μg/kg, residential SCTL of 6,400 μg/kg and the default leaching SCTL of 30 μg/kg. The soil sample collected from 2 to 4 feet at soil boring location 46SB3303 had a TCE concentration of 1,900 μg/kg, which exceeds the leaching SCTL. The following delineation samples also had TCE concentrations greater than the leaching SCTL:

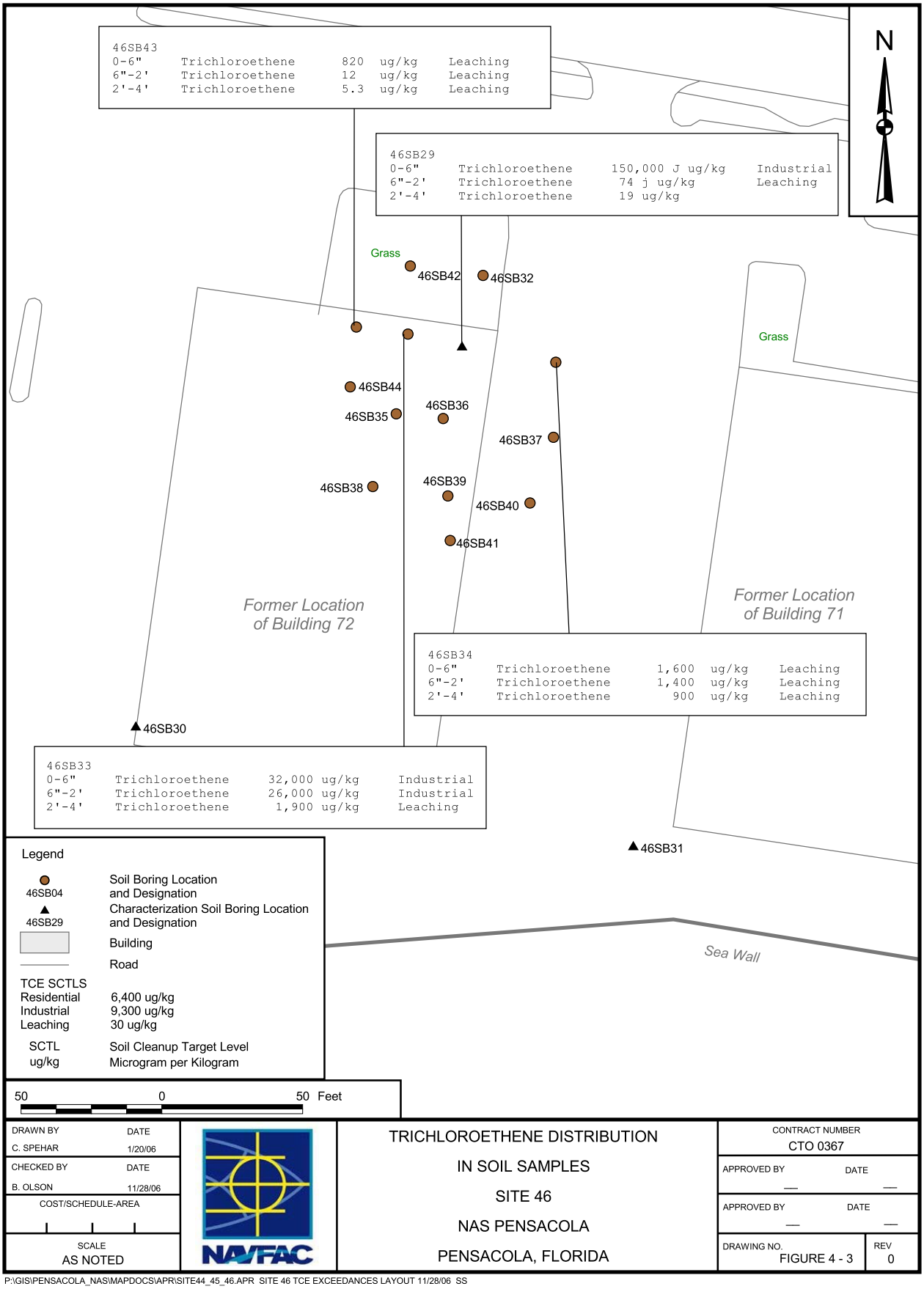

46SB43
0-6" Trichloroethene 820 ug/kg Leaching
6"-2' Trichloroethene 12 ug/kg Leaching
2'-4' Trichloroethene 5.3 ug/kg Leaching
46SB29
0-6" Trichloroethene 150,000 J ug/kg Industrial
6"-2' Trichloroethene 74 j ug/kg Leaching
2'-4' Trichloroethene 19 ug/kg
N
Grass
46SB42
46SB32
Grass
46SB44
46SB36
46SB35
46SB37
46SB38
46SB39
46SB40
46SB41
Former Location of Building 72
Former Location of Building 71
46SB34
0-6" Trichloroethene 1,600 ug/kg Leaching
6"-2' Trichloroethene 1,400 ug/kg Leaching
2'-4' Trichloroethene 900 ug/kg Leaching
46SB30
46SB33
0-6" Trichloroethene 32,000 ug/kg Industrial
6"-2' Trichloroethene 26,000 ug/kg Industrial
2'-4' Trichloroethene 1,900 ug/kg Leaching
46SB31
Sea Wall
Legend
46SB04 Soil Boring Location and Designation
46SB29 Characterization Soil Boring Location and Designation
Building
Road
TCE SCTLS
Residential 6,400 ug/kg
Industrial 9,300 ug/kg
Leaching 30 ug/kg
SCTL Soil Cleanup Target Level
ug/kg Microgram per Kilogram
50 0 50 Feet
DRAWN BY C. SPEHAR DATE 1/20/06
CHECKED BY B. OLSON DATE 11/28/06
COST/SCHEDULE-AREA
SCALE AS NOTED
NAVFAC
TRICHLOROETHENE DISTRIBUTION
IN SOIL SAMPLES
SITE 46
NAS PENSACOLA
PENSACOLA, FLORIDA
CONTRACT NUMBER CTO 0367
APPROVED BY DATE
APPROVED BY DATE
DRAWING NO. FIGURE 4 - 3
REV 0
P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE44_45_46.APR SITE 46 TCE EXCEEDANCES LAYOUT 11/28/06 SS

TABLE 4-6

CVOC DELINEATION RESULTS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA
Page 1 of 2

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB25	46SB25	46SB25	46SB21	46SB21	46SB21	46SB21	46SB02	46SB02
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB2901	46SB2902	46SB2903	46SB3001	46SB3001D	46SB3002	46SB3003	46SB3101	46SB3102
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2
SAMPLE DATE	SCTL	SCTL	SCTL	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005	12/2/2005
Volatile Organics (ug/kg)												
1,1,1-TRICHLOROETHANE	730000	3900000	1900	1600 U	1 U	1 U	2 U	2 U	2 U	1 U	1 U	1 U
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-DICHLOROBENZENE	880000	5000000	17000	45 U	45 U	45 U	45 U	47 U	47 U	49 U	45 U	45 U
1,3-DICHLOROBENZENE	380000	2200000	7000	55 U	56 U	56 U	58 U	58 U	59 U	57 U	56 U	55 U
1,4-DICHLOROBENZENE	6400	9900	2200	26 U	27 U	26 U	27 U	28 U	28 U	27 U	27 U	26 U
CHLOROMETHANE	4000	5700	10	1200 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	I UJ
CIS-1,2-DICHLOROETHENE	33000	180000	400	NA	NA	NA	NA	NA	NA	NA	NA	NA
METHYLENE CHLORIDE	17000	26000	20	2400 U	2 U	2 U	7 U	7 U	3 U	5 U	3 U	6 U
TETRACHLOROETHENE	8800	18000	30	1500 U	1 U	1 U	1 U	1 U	1 U	1 U	6 J	2 J
TRICHLOROETHENE	6400	9300	30	**150000 J**	**74 J**	19	0.9 U	0.9 U	0.9 U	3 J	11 J	6

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB02	46SB3201	46SB3202	46SB3203	46SB3301	46SB3302	46SB3303	46SB3401	46SB3402
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB3103	46SB3201	46SB3202	46SB3203	46SB3301	46SB3302	46SB3303	46SB3401	46SB3402
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	2 - 3	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2
SAMPLE DATE	SCTL	SCTL	SCTL	12/2/2005	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006
Volatile Organics (ug/kg)												
1,1,1-TRICHLOROETHANE	730000	3900000	1900	1 U	5.4 U	5.9 U	6.3 U	2500 U	220 J	22 J	340 U	26 J
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	NA	5.4 U	5.9 U	6.3 U	2500 U	2700 U	320 U	340 U	25 J
1,2-DICHLOROBENZENE	880000	5000000	17000	45 U	5.4 U	0.35 U	6.3 U	2500 U	2700 U	27 J	170 J	230 J
1,3-DICHLOROBENZENE	380000	2200000	7000	56 U	5.4 U	5.9 U	6.3 U	2500 U	2700 U	320 U	340 U	14 J
1,4-DICHLOROBENZENE	6400	9900	2200	26 U	5.4 U	0.22 U	6.3 U	2500 U	2700 U	320 U	110 J	100 J
CHLOROMETHANE	4000	5700	10	I UJ	11 U	0.7 J	0.58 J	**280 J**	**420 J**	**640 U**	**47 J**	580 U
CIS-1,2-DICHLOROETHENE	33000	180000	400	NA	5.4 U	5.9 U	6.3 U	2500 U	**650 J**	31 J	340 U	290 U
METHYLENE CHLORIDE	17000	26000	20	4 U	3.4 U	12 U	13 U	6600 U	**1800 J**	**350 J**	660 U	**530 J**
TETRACHLOROETHENE	8800	18000	30	9	5.4 U	5.9 U	6.3 U	2500 U	**150 J**	**26 J**	**100 J**	**85 J**
TRICHLOROETHENE	6400	9300	30	18	3.4 U	2.4 U	1.8 U	**32000**	**26000**	**1900**	**1600**	**1400**

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB3403	46SB3501	46SB3501D	46SB3502	46SB3503	46SB3601	46SB3602	46SB3603	46SB3701
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB3403	46SB3501	46SB3501D	46SB3502	46SB3503	46SB3601	46SB3602	46SB3603	46SB3701
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	2 - 4	0 - 0.5	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5
SAMPLE DATE	SCTL	SCTL	SCTL	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006
Volatile Organics (ug/kg)												
1,1,1-TRICHLOROETHANE	730000	3900000	1900	42 J	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	5.7 UJ
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	45 J	5.9 U	5.6 UJ	5.9 U	5.5 UJ	0.42 U	5.4 U	5.8 U	5.7 UJ
1,2-DICHLOROBENZENE	880000	5000000	17000	590	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	0.27 U
1,3-DICHLOROBENZENE	380000	2200000	7000	22 J	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	5.7 UJ
1,4-DICHLOROBENZENE	6400	9900	2200	180 J	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	5.7 UJ
CHLOROMETHANE	4000	5700	10	45 U	0.5 J	0.47 J	12 U	11 UJ	0.72 J	11 U	12 U	0.59 UJ
CIS-1,2-DICHLOROETHENE	33000	180000	400	290 U	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	5.7 UJ
METHYLENE CHLORIDE	17000	26000	20	**330 J**	12 U	11 UJ	5.3 U	11 UJ	12 UJ	3.5 U	12 U	11 UJ
TETRACHLOROETHENE	8800	18000	30	**140 J**	5.9 U	5.6 UJ	5.9 U	5.5 UJ	5.9 UJ	5.4 U	5.8 U	5.7 UJ
TRICHLOROETHENE	6400	9300	30	**900**	2 U	1.8 U	3 U	2.2 U	1.3 U	11	1.9 U	0.66 U

TABLE 4-6

CVOC DELINEATION RESULTS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA
Page 2 of 2

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB3701D	46SB3702	46SB3703	46SB3801	46SB3802	46SB3803	46SB3901	46SB3902	46SB3902D
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB3701D	46SB3702	46SB3703	46SB3801	46SB3802	46SB3803	46SB3901	46SB3902	46SB3902D
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	0.5 - 2
SAMPLE DATE	SCTL	SCTL	SCTL	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006
Volatile Organics (ug/kg)												
1,1,1-TRICHLOROETHANE	730000	3900000	1900	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
1,2-DICHLOROBENZENE	880000	5000000	17000	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
1,3-DICHLOROBENZENE	380000	2200000	7000	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
1,4-DICHLOROBENZENE	6400	9900	2200	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
CHLOROMETHANE	4000	5700	10	0.6 J	13 U	13 U	14 UJ	0.4 J	12 U	13 UJ	0.54 J	0.63 J
CIS-1,2-DICHLOROETHENE	33000	180000	400	5.9 UJ	6.4 U	6.3 U	6.8 UJ	5.4 U	5.9 U	6.5 UJ	5.8 UJ	5.7 UJ
METHYLENE CHLORIDE	17000	26000	20	12 UJ	3.5 U	13 U	3.8 U	11 U	12 U	3.5 U	12 UJ	11 UJ
TETRACHLOROETHENE	8800	18000	30	5.9 UJ	6.4 U	6.3 U	6.8 UJ	0.27 J	0.26 J	6.5 UJ	5.8 UJ	5.7 UJ
TRICHLOROETHENE	6400	9300	30	5.9 UJ	1.8 U	0.82 U	1.3 U	0.8 U	0.7 U	1.4 U	1.1 U	0.9 U

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB3903	46SB4001	46SB4003	46SB402	46SB4101	46SB4102	46SB4103	46SB4201	46SB4202
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB3903	46SB4001	46SB4003	46SB402	46SB4101	46SB4102	46SB4103	46SB4201	46SB4202
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2
SAMPLE DATE	SCTL	SCTL	SCTL	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/8/2006	5/11/2006	5/11/2006
Volatile Organics (ug/kg)												
1,1,1-TRICHLOROETHANE	730000	3900000	1900	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	0.39 U	5.6 U	5.4 U
1,2-DICHLOROBENZENE	880000	5000000	17000	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
1,3-DICHLOROBENZENE	380000	2200000	7000	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
1,4-DICHLOROBENZENE	6400	9900	2200	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
CHLOROMETHANE	4000	5700	10	0.74 J	11 UJ	0.6 J	11 UJ	0.71 J	13 U	11 U	11 U	11 U
CIS-1,2-DICHLOROETHENE	33000	180000	400	5.5 UJ	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
METHYLENE CHLORIDE	17000	26000	20	11 UJ	11 UJ	11 U	3.1 U	12 U	4.1 U	11 U	0.94 U	11 U
TETRACHLOROETHENE	8800	18000	30	0.31 J	5.4 UJ	5.4 U	5.7 UJ	6.1 U	6.5 U	5.5 U	5.6 U	5.4 U
TRICHLOROETHENE	6400	9300	30	4.4 U	2.8 U	0.91 U	1.5 U	0.54 U	6.5 U	0.49 U	1.1 J	1.2 J

SAMPLE LOCATION	DIRECT	DIRECT	LEACHING	46SB4203	46SB4301	46SB4302	46SB4303	46SB4401	46SB4402	46SB4403
SAMPLE ID	EXPOSURE	EXPOSURE	TO	46SB4203	46SB4301	46SB4302	46SB4303	46SB4401	46SB4402	46SB4403
DEPTH (ft)	RESIDENTIAL	INDUSTRIAL	GROUNDWATER	2 - 4	0 - 0.5	0.5 - 2	2 - 4	0 - 0.5	0.5 - 2	2 - 4
SAMPLE DATE	SCTL	SCTL	SCTL	5/11/2006	5/11/2006	5/11/2006	5/11/2006	5/11/2006	5/11/2006	5/11/2006
Volatile Organics (ug/kg)										
1,1,1-TRICHLOROETHANE	730000	3900000	1900	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
1,2,4-TRICHLOROBENZENE	660000	8500000	5300	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
1,2-DICHLOROBENZENE	880000	5000000	17000	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
1,3-DICHLOROBENZENE	380000	2200000	7000	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
1,4-DICHLOROBENZENE	6400	9900	2200	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
CHLOROMETHANE	4000	5700	10	10 U	46 U	11 U	11 U	11 UJ	11 U	11 U
CIS-1,2-DICHLOROETHENE	33000	180000	400	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
METHYLENE CHLORIDE	17000	26000	20	10 U	560 U	11 U	11 U	5 UJ	1.7 J	11 U
TETRACHLOROETHENE	8800	18000	30	5.1 U	280 U	5.7 U	5.6 U	5.4 UJ	5.6 U	5.4 U
TRICHLOROETHENE	6400	9300	30	5.1 U	**820**	12	5.3 J	1.8 J	5.6 U	3.6 J

Notes:
SCTL- Soil cleanup target level
ft - feet
ug/kg - micrograms per kilogram
Values in bold exceed screening criteria
U - Analyte concentration less than the value shown
J - Estimated concentration between laboratory detection limit and quantitation limit
NA- Not Analyzed

- 46SB3401 1,600 μg/kg
- 46SB3402 1,400 μg/kg
- 46SB3403 900 μg/kg
- 46SB4301 820 μg/kg

The reported concentrations of TCE in the other delineation samples collected at Site 46 were less than the SCTLs.

Other CVOCs exceeding leaching SCTLs in the delineation samples at the 46SB33 and 46SB34 soil boring locations included chloromethane, cis-1,2-DCE, methylene chloride, and PCE. Concentrations of these compounds were less than the direct exposure SCTLs. The analytical results of the CVOC delineation are summarized in Table 4-6.

Methylene chloride and TCE were reported in the trip blank collected during the CVOC delineation (Table 4-6). These detections were below data validation action levels.

4.2.4 Soil Investigation Summary

The lead screening identifed one surface soil sample location (46SB21) with a lead concentration greater than the residential SCTL. The lead concentration in the site characterization sample collected from the same interval in an adjacent soil boring (46SB30) was less than the residential SCTL. Lead concentrations in soil samples from three soil boring locations submitted for SPLP extraction did exceed the GCTL for lead.

Arsenic was reported in two soil samples at concentrations equal to or greater than the residential SCTL. However, as indicated earlier, the reported arsenic concentrations were within the background range determined by the facility-wide statistical analysis of arsenic and iron distribution at NAS Pensacola. Therefore, the the reported concentrations are not believed to be attributal to former site conditions. These samples were collected from a soil boring adjacent to the area investigated for IR Site 38.

Aluminum was reported in one soil characterization sample with a SPLP result greater than the NAS Pensacola reference concentration. Aluminum was detected in the SPLP results for seven other samples at concentrations greater than the GCTL, but less than the NAS Pensacola reference concentration.

TCE was detected at two soil boring locations near the northeast corner of Building 72 at concentrations greater than the industrial SCTL and leaching SCTL. Two additional locations had TCE concentrations exceeding the leaching SCTL.

Acetone and phenol were also detected at concentrations exceeding the leaching SCTL in one sample from this area.

4.3 GROUNDWATER

The groundwater samples collected during the RI were analyzed for the full list of TCL and TAL analytes, as well as petroleum hydrocarbons. Groundwater samples were collected from 26 monitoring wells. Sixteen of the wells were shallow wells screened at the water table. Ten of the wells were deep wells, screened between 30 and 50 feet. Groundwater analytical results were compared to the risk-based GCTLs established in 62-777, FAC and the NAS Pensacola reference concentrations for metals in groundwater (EnSafe, 1994). The reference concentrations are facility-specific background concentrations established for NAS Pensacola (Appendix B). Table 4-7 provides a summary of analytes detected in groundwater.

4.3.1 Organic Analytes

4.3.1.1 Volatile Organics

TCE was detected in the groundwater samples collected from four of the shallow monitoring wells at Site 46 (Table 4-7). TCE was detected in two monitoring wells at concentrations greater than the GCTL of 3 μg/L (Figure 4-4):

- 38GS03 11 μg/L
- 38GS13 17 μg/L

Vinyl chloride was also detected in these two monitoring wells at concentrations greater than the GCTL of 1 μg/L:

- 38GS03 4 μg/L
- 38GS13 3 μg/L

TCE was detected in two other groundwater samples collected from shallow monitoring wells (Table 4-7).at concentrations less than the GCTL of 3 μg/L (Figure 4-4):

- 38GS05 1 μg/L
- PEN-46-19 2 μg/L

TABLE 4-7

GROUNDWATER POSITIVE DETECTIONS - ORGANICS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		PEN-38GS05	PEN-38GS13	PEN-38GS01	PEN-38GS03	PEN-46-01	PEN-46-03	PEN-46-05	PEN-46-06
SAMPLE ID		38GW0501	38GW1301	38GW1S01	38GW3S01	46GW0101	46GW0301	46GW0501	46GW0601
SAMPLE DATE	FLORIDA	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/18/2005	12/18/2005	12/18/2005	12/18/2005
AQUIFER INTERVAL	GCTL	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Volatile Organics (ug/L)									
1,1-DICHLOROETHANE	70	0.4 U	6	0.4 U	18	0.4 U	0.4 U	0.4 U	0.4 U
ACETONE	6300	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
BROMODICHLOROMETHANE	0.6	0.2 U	0.2 U	0.2 U	0.2 U	**1 J**	0.6 J	0.2 U	0.2 U
CARBON DISULFIDE	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLORODIBROMOMETHANE	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROFORM	70	0.4 U	1	0.4 U	0.4 U	6 J	3	0.4 U	0.4 U
CHLOROMETHANE	2.7	0.5 J	0.3 U	1 J	0.4 J	0.3 U	0.4 J	0.6 J	0.3 U
CIS-1,2-DICHLOROETHENE	70	0.3 U	18	0.3 U	9	0.3 U	0.3 U	0.3 U	0.3 U
ETHYLBENZENE	30	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TETRACHLOROETHENE	3	1 J	0.8 J	0.4 U	2	0.4 U	0.4 U	0.4 U	0.4 U
TOLUENE	40	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOTAL 1,2-DICHLOROETHENE	63	0.6 U	19	0.6 U	10	0.6 U	0.6 U	0.6 U	0.6 U
TOTAL XYLENES	20	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
TRANS-1,2-DICHLOROETHENE	100	0.3 U	2 J	0.3 U	1 J	0.3 U	0.3 U	0.3 U	0.3 U
TRICHLOROETHENE	3	1	**17**	0.3 U	**11**	0.3 U	0.3 U	0.3 U	0.3 U
VINYL CHLORIDE	1	0.3 U	**3**	0.3 U	**4**	0.3 U	0.3 U	0.3 U	0.3 U
Semivolatile Organics (ug/L)									
BIS(2-ETHYLHEXYL)PHTHALATE	6	7 U	7 U	8 UJ	8 U	7 U	7 U	7 U	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)									
2-METHYLNAPHTHALENE	28	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
ACENAPHTHENE	20	0.09 U	0.09 U	0.09 U	0.09 U	0.08 U	0.09 U	0.09 U	0.08 U
FLUORENE	280	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
NAPHTHALENE	14	0.05 U	0.05 J	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pesticides/PCBs(ug/L)									
ALPHA-CHLORDANE	2	0.022 U	0.022 U	0.022 U	0.023 U	0.023 U	0.022 U	0.022 U	0.03 J
GAMMA-BHC (LINDANE)	0.2	0.016 U	0.016 U	0.016 U	0.017 U	0.017 U	0.016 U	0.016 U	0.016 U
GAMMA-CHLORDANE	2	0.028 U	0.029 U	0.029 U	0.03 U	0.031 U	0.029 U	0.029 U	0.028 U
Petroleum Hydrocarbons (ug/L)									
TOTAL PETROLEUM HYDROCARBONS	5000	220 U	440 J	230 U	340 J	220 U	220 U	210 U	290 J

Notes:
GCTL- Florida groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-7

GROUNDWATER POSITIVE DETECTIONS - ORGANICS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		PEN-46-07	PEN-46-09	PEN-46-11	PEN-46-13	PEN-46-15	PEN-46-17	PEN-46-17	PEN-46-18
SAMPLE ID		46GW0701	46GW0901	46GW1101	46GW1301	46GW1501	46GW1701	46GW1701-D	46GW1801
SAMPLE DATE	FLORIDA	12/18/2005	12/17/2005	12/17/2005	12/17/2005	12/17/2005	12/20/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL	GCTL	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Volatile Organics (ug/L)							(original)	(field dup.)	
1,1-DICHLOROETHANE	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
ACETONE	6300	2 U	2 J	2 J	2 U	2 U	2 U	2 U	2 U
BROMODICHLOROMETHANE	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CARBON DISULFIDE	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLORODIBROMOMETHANE	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROFORM	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROMETHANE	2.7	0.3 UJ	0.3 UJ	0.3 UJ	0.3 UJ	1	0.3 U	0.3 U	0.3 U
CIS-1,2-DICHLOROETHENE	70	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
ETHYLBENZENE	30	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TETRACHLOROETHENE	3	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
TOLUENE	40	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOTAL 1,2-DICHLOROETHENE	63	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
TOTAL XYLENES	20	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
TRANS-1,2-DICHLOROETHENE	100	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TRICHLOROETHENE	3	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
VINYL CHLORIDE	1	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Semivolatile Organics (ug/L)									
BIS(2-ETHYLHEXYL)PHTHALATE	6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)									
2-METHYLNAPHTHALENE	28	0.06 U	0.06 U	0.06 U	1	0.06 U	0.06 U	0.06 U	0.06 U
ACENAPHTHENE	20	0.08 U	0.09 U	0.09 U	0.3	0.09 U	0.08 U	0.08 U	0.09 U
FLUORENE	280	0.06 U	0.06 U	0.06 U	0.2	0.06 U	0.06 U	0.06 U	0.06 U
NAPHTHALENE	14	0.05 U	0.05 U	0.05 U	1	0.05 U	0.05 U	0.05 U	0.05 U
Pesticides/PCBs(ug/L)									
ALPHA-CHLORDANE	2	0.17	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 U	0.022 UJ
GAMMA-BHC (LINDANE)	0.2	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U	0.016 UJ
GAMMA-CHLORDANE	2	0.14	0.029 U	0.029 U	0.028 U	0.029 U	0.028 U	0.028 U	0.028 UJ
Petroleum Hydrocarbons (ug/L)									
TOTAL PETROLEUM HYDROCARBONS	5000	300 U	220 U	220 U	370 U	220 U	220 U	210 U	410 J

Notes:
GCTL- Florida groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-7

GROUNDWATER POSITIVE DETECTIONS - ORGANICS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		PEN-46-19	PEN-38GI01	PEN-38GI03	PEN-46-02	PEN-46-04	PEN-46-08	PEN-46-10	PEN-46-12
SAMPLE ID		46GW1901	38GW1I01	38GW3I01	46GW0201	46GW0401	46GW0801	46GW1001	46GW1201
SAMPLE DATE	FLORIDA	12/20/2005	12/20/2005	12/20/2005	12/18/2005	12/18/2005	12/18/2005	12/17/2005	12/17/2005
AQUIFER INTERVAL	GCTL	Shallow	Deep	Deep	Deep	Deep	Deep	Deep	Deep
Volatile Organics (ug/L)									
1,1-DICHLOROETHANE	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.8 U
ACETONE	6300	2 U	2 U	2 U	2 U	2 U	2 U	4 U	4 U
BROMODICHLOROMETHANE	0.6	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.4 U	0.4 U
CARBON DISULFIDE	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.7 U	0.7 U
CHLORODIBROMOMETHANE	0.4	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.8 U
CHLOROFORM	70	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.8 U	0.8 U
CHLOROMETHANE	2.7	0.3 U	0.6 J	0.3 U	0.3 U	0.3 U	0.3 UJ	0.6 UJ	0.6 UJ
CIS-1,2-DICHLOROETHENE	70	1 J	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.5 U	0.5 U
ETHYLBENZENE	30	0.4 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U
TETRACHLOROETHENE	3	0.4 J	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.9 U	0.9 U
TOLUENE	40	2	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.5 U	0.5 U
TOTAL 1,2-DICHLOROETHENE	63	1 J	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	1 U	1 U
TOTAL XYLENES	20	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	2 U	2 U
TRANS-1,2-DICHLOROETHENE	100	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.6 U
TRICHLOROETHENE	3	2	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.6 U
VINYL CHLORIDE	1	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.6 U	0.6 U
Semivolatile Organics (ug/L)									
BIS(2-ETHYLHEXYL)PHTHALATE	6	7 U	7 U	7 U	7 U	7 U	7 U	7 U	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)									
2-METHYLNAPHTHALENE	28	11 J	0.06 U	0.06 U	0.1 J	0.06 U	0.06 U	0.1 J	0.06 U
ACENAPHTHENE	20	0.08 U	0.09 J	0.09 U	0.08 U	0.1 J	0.08 U	0.08 U	0.08 U
FLUORENE	280	0.2 J	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
NAPHTHALENE	14	**240**	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Pesticides/PCBs(ug/L)									
ALPHA-CHLORDANE	2	0.022 UJ	0.022 U	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UJ	0.022 UR
GAMMA-BHC (LINDANE)	0.2	0.031 J	0.017 U	0.016 UJ	0.016 UJ	0.016 UJ	0.016 UJ	0.016 UJ	0.016 UR
GAMMA-CHLORDANE	2	0.028 UJ	0.029 U	0.029 UJ	0.028 UJ	0.028 UJ	0.028 UJ	0.028 UJ	0.028 UR
Petroleum Hydrocarbons (ug/L)									
TOTAL PETROLEUM HYDROCARBONS	5000	3600	220 U	480 J	220 UJ	210 UJ	220 UJ	220 UJ	210 UJ

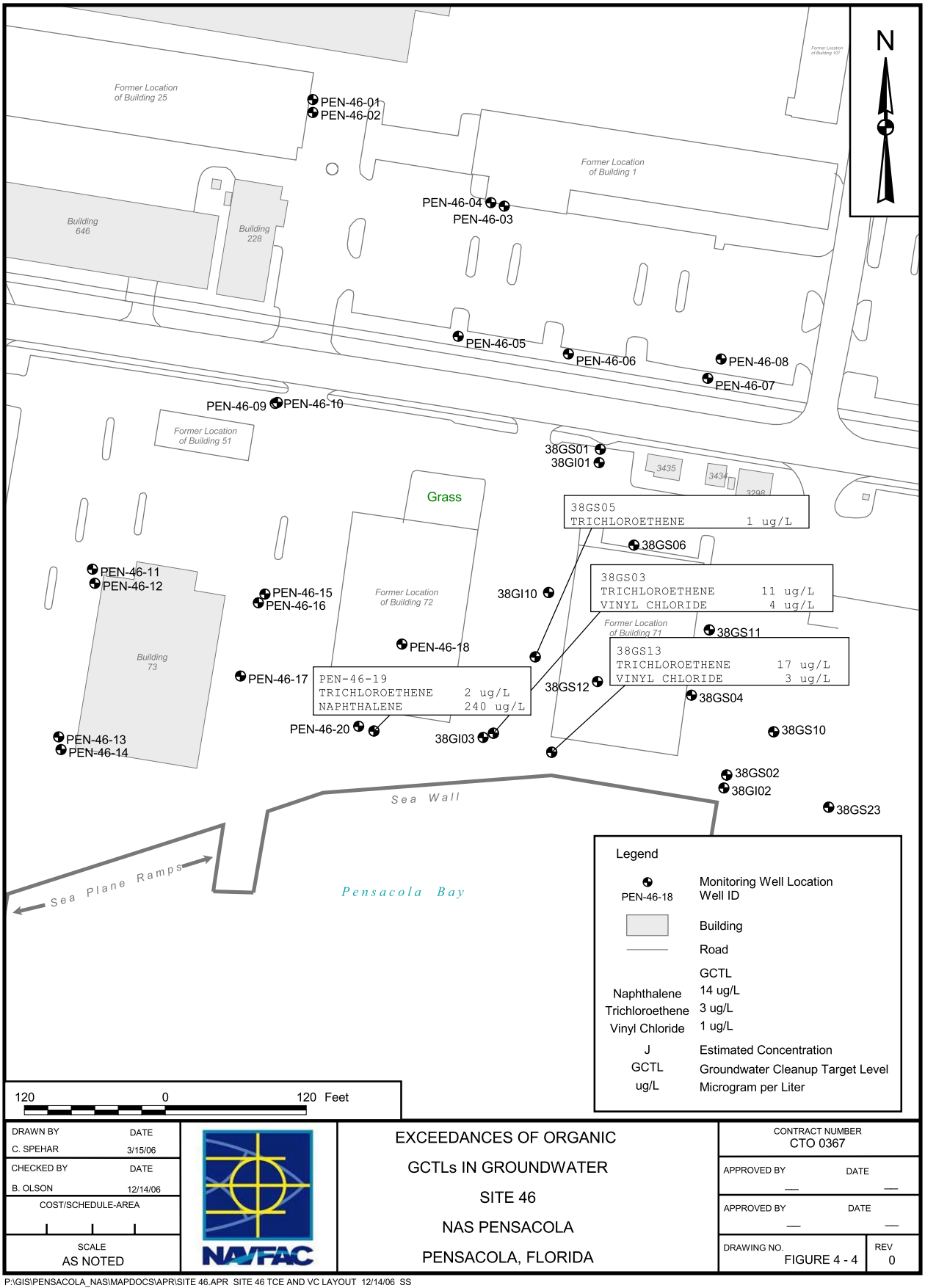
Notes:
GCTL- Florida groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-7

GROUNDWATER POSITIVE DETECTIONS - ORGANICS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		PEN-46-14	PEN-46-14	PEN-46-14	PEN-46-16	PEN-46-20	PEN-46-20
SAMPLE ID		46GW1401	46GW1401-D	46GW1402	46GW1601	46GW2001	46GW2001-D
SAMPLE DATE	FLORIDA	12/17/2005	12/17/2005	5/10/2006	12/17/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL	GCTL	Deep	Deep	Deep	Deep	Deep	Deep
Volatile Organics (ug/L)		(original)	(field dup.)			(original)	(field dup.)
1,1-DICHLOROETHANE	70	0.4 U	0.4 U	Resampled	0.8 U	0.4 U	0.4 U
ACETONE	6300	2 U	2 U	for one	7 J	2 U	2 U
BROMODICHLOROMETHANE	0.6	0.2 U	0.3 J	analyte	0.4 U	0.2 U	0.2 U
CARBON DISULFIDE	700	0.4 J	0.3 U		0.7 U	0.3 U	0.3 U
CHLORODIBROMOMETHANE	0.4	0.4 U	**0.6 J**		0.8 U	0.4 U	0.4 U
CHLOROFORM	70	0.4 U	0.4 U		0.8 U	0.4 U	0.4 U
CHLOROMETHANE	2.7	0.3 U	0.5 J		0.6 U	0.3 U	0.7 J
CIS-1,2-DICHLOROETHENE	70	0.3 U	0.3 U		0.5 U	0.3 U	0.3 U
ETHYLBENZENE	30	0.2 U	0.2 U		0.5 U	0.2 U	0.2 U
TETRACHLOROETHENE	3	0.4 U	0.4 U		0.9 U	0.4 U	0.4 U
TOLUENE	40	0.2 U	0.2 U		0.5 U	0.2 U	0.2 U
TOTAL 1,2-DICHLOROETHENE	63	0.6 U	0.6 U		1 U	0.6 U	0.6 U
TOTAL XYLENES	20	0.8 U	0.8 U		2 U	0.8 U	0.8 U
TRANS-1,2-DICHLOROETHENE	100	0.3 U	0.3 U		0.6 U	0.3 U	0.3 U
TRICHLOROETHENE	3	0.3 U	0.3 U		0.6 U	0.3 U	0.3 U
VINYL CHLORIDE	1	0.3 U	0.3 U		0.6 U	0.3 U	0.3 U
Semivolatile Organics (ug/L)							
BIS(2-ETHYLHEXYL)PHTHALATE	6	**64**	7 U	5.1 U	7 U	7 U	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)							
2-METHYLNAPHTHALENE	28	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U
ACENAPHTHENE	20	0.08 U	0.09 U		0.09 U	0.08 U	0.09 U
FLUORENE	280	0.06 U	0.06 U		0.06 U	0.06 U	0.06 U
NAPHTHALENE	14	0.05 U	0.05 U		0.05 U	0.05 U	0.06 J
Pesticides/PCBs(ug/L)							
ALPHA-CHLORDANE	2	0.022 UJ	0.022 UJ		0.022 UR	0.022 UJ	0.022 UJ
GAMMA-BHC (LINDANE)	0.2	0.016 UJ	0.016 UJ		0.016 UR	0.016 UJ	0.016 UJ
GAMMA-CHLORDANE	2	0.029 UJ	0.028 UJ		0.028 UR	0.029 UJ	0.029 UJ
Petroleum Hydrocarbons (ug/L)							
TOTAL PETROLEUM HYDROCARBONS	5000	220 UJ	220 UJ		220 UJ	210 U	220 J

Notes:
GCTL- Florida groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.



P:\GIS\PENSACOLA_NAS\MAPDOCS\APR\SITE 46.APR SITE 46 TCE AND VC LAYOUT 12/14/06 SS

CVOC concentrations were less than standard laboratory detection limits in the groundwater sample collected from PEN-46-18, a shallow monitoring well located approximately 100 feet down gradient of the CVOCs in soil discussed in Section 4.2.3. TCE concentrations in the deep monitoring wells were less than standard laboratory detection limits.

Other VOCs, including acetone, bromodichloromethane, carbon disulfide, chlorodibromomethane, chloroform, chloromethane, 1,1-DCA, cis- and trans-1,2-DCE, ethylbenzene, PCE, toluene, and xylenes were detected groundwater samples at concentrations less than the GCTLs.

Chloromethane and toluene were reported in the rinsate blank collected during the groundwater sampling event (Table 4-7). These detections in the rinsate blank were below data validation action levels. Chloromethane was also detected in one of the three trip blanks at a concentration less than data validation action levels.

4.3.1.2 Semivolatile Organics and PAHs

Bis(2-ethylhexyl)phthalate was detected at a concentration greater than the GCTL in one groundwater sample, the field duplicate collected at PEN-46-14 (Table 4-3). The reported concentration in 46GW1401D was 64 μg/L, greater than the GCTL of 6 μg/L. The bis(2-ethylhexyl)phthalate concentration for the corresponding groundwater sample (46GW1401) was less than the laboratory detection limit. PEN-46-14 was resampled in May 2006 and the bis(2-ethylhexyl)phthalate result from that sampling event was less than the laboratory detection limit.

Naphthalene was detected at a concentration of 240 μg/L in the groundwater sample from PEN-46-19, exceeding the GCTL of 14 μg/L. This well was installed in the area where groundwater samples collected from temporary wells for the Site 38 RI were reported to have a petroleum odor.

Three other PAHs, 2 methylnaphthalene, acenaphthene, and fluorene, were detected in groundwater samples at concentrations less than the GCTLs.

Naphthalene was reported in the rinsate blank collected during the groundwater sampling event (Table 4-7). The naphthalene detection in the rinsate blank was below data validation action levels.

4.3.1.3 Pesticides

Alpha chlordane, gamma chlordane and gamma-BHC (lindane) detected at concentrations less than GCTLs in groundwater samples collected at Site 46.

4.3.1.4 Petroleum Hydrocarbons

TRPH was reported in seven of the monitoring wells sampled at Site 46 at concentrations less than the GCTL.

4.3.2 Metals

Twenty metals were detected in the groundwater samples collected at Site 46. Seven of the metals (aluminum, arsenic, cadmium, iron, lead, manganese, and vanadium) were detected in one or more samples at concentrations exceeding Florida GCTLs. The remaining metals (barium, beyrillium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, selenium, silver, sodium, and zinc) were all detected at concentrations less than the Florida GCTLs. Metals reported at concentrations greater than screening criteria are discussed below.

Metals including aluminum, calcium, magnesium, mercury, sodium, and zinc were reported in the rinsate blank collected during the groundwater sampling event (Table 4-5). The metals detected in the rinsate blank were below data validation action levels.

4.3.2.1 Aluminum

Aluminum was detected in eight of the groundwater samples collected at Site 46 (Table 4-8). The aluminum concentrations in four of these monitoring wells were greater than the GCTL of 200 μg/L and the NAS Pensacola reference aluminum concentration of 3,882 μg/L:

- PEN-46-04 3,920 μg/L
- PEN-46-10 4,670 J μg/L
- PEN-46-12 7,200 J μg/L
- PEN-46-16 16,600 J μg/L

The aluminum concentrations reported for the other four samples were less than NAS Pensacola reference aluminum concentration, but still greater than the GCTL of 200 μg/L:

- PEN-38GS01 528 μg/L
- PEN-38-GI03 477 μg/L
- PEN-46-02 2,430 J μg/L
- PEN-46-20 674/862 μg/L

Except for monitoring well PEN-38GS01, these exceedances occurred in monitoring wells screened in the deep surficial aquifer (Figure 4-5).

TABLE 4-8

GROUNDWATER POSITIVE DETECTIONS - METALS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		NAS	PEN-38GS05	PEN-38GS13	PEN-38GS01	PEN-38GS03	PEN-46-01	PEN-46-03	PEN-46-05	PEN-46-06
SAMPLE ID		PENSACOLA	38GW0501	38GW1301	38GW1S01	38GW3S01	46GW0101	46GW0301	46GW0501	46GW0601
SAMPLE DATE	FLORIDA	REFERENCE	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/18/2005	12/18/2005	12/18/2005	12/18/2005
AQUIFER INTERVAL	GCTL	CONCENTRATION	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Inorganics (ug/l)										
ALUMINUM	200	3883	72.0 U	32.3 U	**528**	19.0 U	432 U	313 U	146 U	43.8 U
ARSENIC	10	2.8	4.1	3.2	8.5	2	3.45 U	3.45 U	7.5	3.45 U
BARIUM	2000	13	56.2	43.4	107	174	16.7	30.6	45.1	90.3
BERYLLIUM	4	1.1	0.05 U	0.05 U	0.08	0.05 U	0.29 U	0.29 U	0.29 U	0.29 U
CADMIUM	5	3.4	**8.9**	0.29	1	0.82	4.36 U	4.36 U	4.36 U	4.36 U
CALCIUM	N/C	17560	48100	106000	54100	81100	8280	12500	22900	40100
CHROMIUM	100	35	7.4 U	6.1 U	4.2 U	6.2 U	1.01 U	1.3	1.01 U	1.01 U
COBALT	140	4.1	0.25	0.13 U	3	0.20 U	3.05 U	3.05 U	3.05 U	3.05 U
COPPER	1000	16	8.4 U	13.9 U	11.2 U	8.3 U	2.86 U	4.7 U	6.6 U	14.2 U
IRON	300	1708	116 U	52.3 U	287	154 U	128 U	121 U	51.8 U	8.7 U
LEAD	15	1.6	2.3	1.2 U	**23.7**	3.3	5.7	2.3	2.6	1.8
MAGNESIUM	N/C	2872	20600	47000	16800	49800	3160	7420	6160	11100
MANGANESE	50	22	11.6	8.5	**505**	**86.2**	1.9 U	0.89 U	0.7 U	7.9 U
NICKEL	100	40	6.4	1.1 J	2.5	0.87 J	11.7 U	11.7 U	11.7 U	11.7 U
POTASSIUM	N/C	12167	10900	18900	9240	18000	1960 U	3580 U	4010	9300
SELENIUM	50	3.9	1.6 U	1.6 U	2.5	1.8 U	3.59 U	3.59 U	3.59 U	3.59 U
SILVER	100	4	0.05 U	0.05 U	0.05 U	0.05 U	4.4 U	4.4 U	4.4 U	4.4 U
SODIUM	160000	18345	145000	**443000**	**172000**	**443000**	27800	44600	30800	95500
VANADIUM	49	9.6	3.8	1.9 U	4.8	2.6	16.7 U	4.88 U	5.5 U	4.88 U
ZINC	5000	153	166	20.1	130	115	13.7 U	80.6	31.2	156

NOTES:
GCTL- Groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit

TABLE 4-8

GROUNDWATER POSITIVE DETECTIONS - METALS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		NAS	PEN-46-07	PEN-46-09	PEN-46-11	PEN-46-13	PEN-46-15	PEN-46-17	PEN-46-17
SAMPLE ID		PENSACOLA	46GW0701	46GW0901	46GW1101	46GW1301	46GW1501	46GW1701	46GW1701-D
SAMPLE DATE	FLORIDA	REFERENCE	12/18/2005	12/17/2005	12/17/2005	12/17/2005	12/17/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL	GCTL	CONCENTRATION	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow	Shallow
Inorganics (ug/l)									
ALUMINUM	200	3883	32 U	49.3 U	21.4 U	40.6 U	251 U	57.4 U	80.4 U
ARSENIC	10	2.8	3.45 U	7.5	3.45 U	3.45 U	4.3	3.7	3.3
BARIUM	2000	13	140	124	110	125	119	108	96.9
BERYLLIUM	4	1.1	0.29 U	0.29 U	0.34 U	0.29 U	0.29 U	0.05 U	0.07 U
CADMIUM	5	3.4	4.36 U	4.36 U	4.36 U	4.36 U	4.36 U	0.05 U	0.08 U
CALCIUM	N/C	17560	51000	53100	111000	125000	58600	51000	45500
CHROMIUM	100	35	1.01 U	1.01 U	1.01 U	6.9	1.4	3.4 U	3.4 U
COBALT	140	4.1	3.05 U	3.05 U	3.05 U	3.05 U	3.05 U	0.15 U	0.18 U
COPPER	1000	16	11.7 U	3.6 U	2.86 U	2.86 U	5.3 U	2.86 U	2.86 U
IRON	300	1708	41.2 U	35.7 U	77.4 U	40.6 U	**570**	138 U	164 U
LEAD	15	1.6	2.3	1.65 U	1.65 U	1.65 U	7	0.63 U	0.67 U
MAGNESIUM	N/C	2872	19800	24100	44300	25700	34800	31000	26600
MANGANESE	50	22	34.3	44.1	**50.5**	**50**	25.8	27	22.5
NICKEL	100	40	11.7 U	11.7 U	11.7 U	11.7 U	11.7 U	1.4 J	1.4 J
POTASSIUM	N/C	12167	14200	11500	16700	14600	18600	17400	15900
SELENIUM	50	3.9	3.59 U	3.59 U	3.59 U	3.59 U	3.59 U	1.6 U	1.6 U
SILVER	100	4	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	0.05 U	0.05 U
SODIUM	160000	18345	**166000**	107000	**395000**	**312000**	**332000**	**330000**	**274000**
VANADIUM	49	9.6	4.88 U	7.8 U	4.88 U	7.8 U	8.9 U	1.4 U	1.9 U
ZINC	5000	153	164	12.4 U	4.6 U	2.9 U	17.7 U	15.8	16.2

NOTES:
GCTL- Groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit

TABLE 4-8

GROUNDWATER POSITIVE DETECTIONS - METALS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		NAS	PEN-46-18	PEN-46-19	PEN-38GI01	PEN-38GI03	PEN-46-02	PEN-46-04	PEN-46-08
SAMPLE ID		PENSACOLA	46GW1801	46GW1901	38GW1I01	38GW3I01	46GW0201	46GW0401	46GW0801
SAMPLE DATE	FLORIDA	REFERENCE	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/18/2005	12/18/2005	12/18/2005
AQUIFER INTERVAL	GCTL	CONCENTRATION	Shallow	Shallow	Deep	Deep	Deep	Deep	Deep
Inorganics (ug/l)									
ALUMINUM	200	3883	66.2 U	68.7 U	87.6 U	**477**	**2430 J**	**3920**	525 U
ARSENIC	10	2.8	7.6	**13.3**	2.7	3.5	3.45 U	3.45 U	3.45 U
BARIUM	2000	13	192	71	390	19.3	8.9 U	4.9	5.7 U
BERYLLIUM	4	1.1	0.05 U	0.1	0.05 U	0.74	0.29 U	0.43 U	0.32 U
CADMIUM	5	3.4	0.48	0.12	0.05 U	0.1	4.36 U	4.36 U	4.36 U
CALCIUM	N/C	17560	118000	64500	257000	24000	4250	18100	13100
CHROMIUM	100	35	4.4 U	4.1 U	3.7 U	75.0 J	15.5	10.2	16.5
COBALT	140	4.1	0.38	0.18 U	0.34	0.36	3.05 U	3.05 U	3.05 U
COPPER	1000	16	2.86 U	5.9 U	37.7 U	26.7 U	14.1 U	10.8 U	17.8 U
IRON	300	1708	59.4 U	78.4 U	**1880**	**517**	**2500**	**2400**	**916**
LEAD	15	1.6	1.3 U	1.9 U	1.2 U	0.72 U	1.9	1.7	2.6
MAGNESIUM	N/C	2872	33900	32200	204000	42400	5230	13900	13600
MANGANESE	50	22	44.4	31.3	**231**	30.5	15.3	34.2	38.8
NICKEL	100	40	1.6 J	0.88 J	2.0 J	7.1 J	11.7 U	11.7 U	11.7 U
POTASSIUM	N/C	12167	16500	13400	68400	51600	11700	10100	12700
SELENIUM	50	3.9	2.4 U	2.3 U	3.3 J	3.4 J	3.59 U	3.59 U	3.59 U
SILVER	100	4	0.05 U	0.05 U	0.05 U	0.05 U	4.5	4.4 U	4.4 U
SODIUM	160000	18345	**437000**	**296000**	**2020000**	**784000**	**208000**	110000	149000
VANADIUM	49	9.6	4.8	3.6	2.1 U	**165**	11.5 U	24.1 U	31.5 U
ZINC	5000	153	60.8	9.1 U	22.9	8.3 U	13.9 U	5.7 U	5.2 U

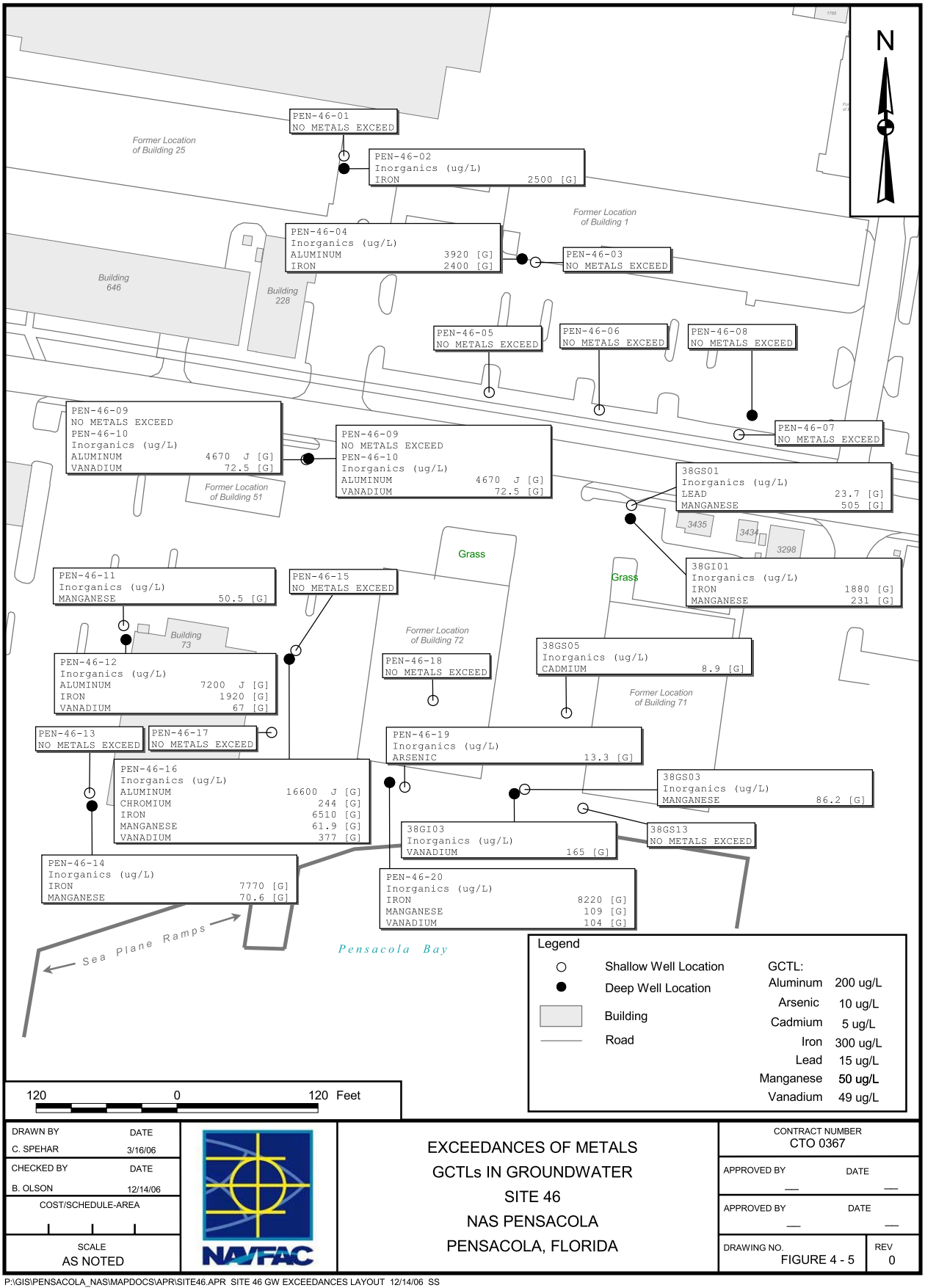
NOTES:
GCTL- Groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit

TABLE 4-8

GROUNDWATER POSITIVE DETECTIONS - METALS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION		NAS	PEN-46-10	PEN-46-12	PEN-46-14	PEN-46-14	PEN-46-16	PEN-46-20	PEN-46-20
SAMPLE ID		PENSACOLA	46GW1001	46GW1201	46GW1401	46GW1401-D	46GW1601	46GW2001	46GW2001-D
SAMPLE DATE	FLORIDA	REFERENCE	12/17/2005	12/17/2005	12/17/2005	12/17/2005	12/17/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL	GCTL	CONCENTRATION	Deep	Deep	Deep	Deep	Deep	Deep	Deep
Inorganics (ug/l)									
ALUMINUM	200	3883	**4670 J**	**7200 J**	589 U	576 U	**16600 J**	**674**	**862**
ARSENIC	10	2.8	3.45 U	3.45 U	3.45 U	3.45 U	8.1	1.8	2
BARIUM	2000	13	9.2	50.3	33	32.6	31.4	24.8	25
BERYLLIUM	4	1.1	0.67 U	0.74 U	0.29 U	0.29 U	1.7 U	0.4	0.4
CADMIUM	5	3.4	4.36 U	4.36 U	4.36 U	4.36 U	4.36 U	0.05 U	0.05 U
CALCIUM	N/C	17560	8380	11600	18400	17400	12300	23500	22800
CHROMIUM	100	35	52.3	22.6	26.4	10	**244**	33.6 J	43.9 J
COBALT	140	4.1	3.05 U	3.05 U	3.05 U	3.05 U	4.3 U	0.20 U	0.21 U
COPPER	1000	16	17.9 U	9.5 U	10.5 U	10.4 U	20.2	11.8 U	97.8 J
IRON	300	1708	**1170**	**1920**	**7770**	**7020**	**6510**	**8220**	**8100**
LEAD	15	1.6	2.2	1.8	1.65 U	1.65 U	3.9	0.70 U	1.3 U
MAGNESIUM	N/C	2872	12400	14900	11300	11100	11400	32400	31400
MANGANESE	50	22	9.3	35	**70.6**	**63**	**61.9**	**109**	**105**
NICKEL	100	40	11.7 U	11.7 U	17.8	11.7 U	31.3	5.9 J	7.5 J
POTASSIUM	N/C	12167	19200	15100	18100	18100	21600	48700	47200
SELENIUM	50	3.9	3.59 U	3.59 U	3.59 U	3.59 U	3.59 U	2.8 J	2.6 J
SILVER	100	4	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	0.05 U	0.05 U
SODIUM	160000	18345	**296000**	**192000**	**237000**	**235000**	**300000**	**703000**	**677000**
VANADIUM	49	9.6	**72.5**	**67**	12.5 U	14.7 U	**377**	**104**	104
ZINC	5000	153	19.4 U	9.8 U	10.8 U	6.8 U	19.4 U	10.6 U	26.2

NOTES:
GCTL- Groundwater cleanup target level.
UG/L - micrograms per liter.
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit



DRAWN BY C. SPEHAR	DATE 3/16/06	EXCEEDANCES OF METALS GCTLs IN GROUNDWATER SITE 46 NAS PENSACOLA PENSACOLA, FLORIDA	CONTRACT NUMBER CTO 0367
CHECKED BY B. OLSON	DATE 12/14/06		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 4 - 5 REV 0

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4.3.2.2 Arsenic

Arsenic was detected in 14 of the groundwater samples collected at Site 46 (Table 4-8). Arsenic was detected in one monitoring well (PEN-46-19) at a concentration greater (13.3 μg/L) than the GCTL of 10 μg/L.

4.3.2.3 Cadmium

Cadmium was detected in six of the groundwater samples collected at Site 46 (Table 4-8). Cadmium was detected in one monitoring well (PEN-38GS05) at a concentration greater (8.9 μg/L) than the GCTL of 5 μg/L.

This monitoring well is one of the existing wells from the Site 38 RI that was sampled for the Site 46 investigation (Figure 4-5).

4.3.2.4 Chromium

Chromium was detected in 12 of the groundwater samples collected at Site 46 (Table 4-8). Chromium was detected in one monitoring well (PEN-46-16) at a concentration (244 μg/L) greater than the GCTL of 100 μg/L.

4.3.2.5 Iron

Iron was detected in 11 of the groundwater samples collected at Site 46 (Table 4-8). The iron concentrations in seven of these monitoring wells were greater than the GCTL of 300 μg/L and the NAS Pensacola reference iron concentration 1,708 μg/L:

- PEN-38GI01 1,880 μg/L
- PEN-46-02 2,500 μg/L
- PEN-46-04 2,400 μg/L
- PEN-46-12 1,920 μg/L
- PEN-46-14 7,770/7,020 μg/L
- PEN-46-16 6,510 μg/L
- PEN-46-20 8,220/8,100 μg/L

The iron concentrations reported for the other four samples were less than NAS Pensacola reference iron concentration, but still greater than the GCTL:

- PEN-38GI03 517 μg/L
- PEN-46-08 916 μg/L
- PEN-46-10 1,170 μg/L
- PEN-46-15 570 μg/L

Except for monitoring well PEN-46-15, these exceedances occurred in monitoring wells screened in the deep surficial aquifer (Figure 4-5).

4.3.2.6 Lead

Lead was detected in 15 of the groundwater samples collected at Site 46 (Table 4-8). Lead was detected in one monitoring well (PEN-38GS01) at a concentration greater (237 µg/L) than the GCTL of 15 µg/L:

This monitoring well is one of the existing wells from the Site 38 RI that was sampled for the Site 46 investigation (Figure 4-5).

4.3.2.7 Manganese

Manganese was detected in 24 of the groundwater samples collected at Site 46 (Table 4-8). The manganese concentrations detected in these monitoring wells were greater than the GCTL of 50 µg/L and the NAS Pensacola reference iron concentration 22 µg/L:

- PEN-38GI01 231 µg/L
- PEN-38GS01 505 µg/L
- PEN-38GS03 86.2 µg/L
- PEN-46-11 50.5 µg/L
- PEN-46-13 50 µg/L
- PEN-46-14 70.6/63 µg/L
- PEN-46-16 61.9 µg/L
- PEN-46-19 61.3 µg/L
- PEN-46-20 104/104 µg/L

These exceedances occurred equally in monitoring wells screened in the shallow and the deep surficial aquifer (Figure 4-5).

4.3.2.8 Vanadium

Vanadium was detected in 10 of the groundwater samples collected at Site 46 (Table 4-8). The vanadium concentrations in five of these monitoring wells were greater than the GCTL of 49 µg/L, including:

- PEN-38GI03 165 µg/L
- PEN-46-10 72.5 µg/L
- PEN-46-12 67 µg/L
- PEN-46-16 377 µg/L
- PEN-46-20 104 µg/L

These exceedances occurred in monitoring wells screened in the deep surficial aquifer (Figure 4-5).

4.3.3 Comparison to Marine Surface Water Criteria

Analytical results from selected monitoring wells were also compared to the GCTLs for discharge to marine surface waters (Table 4-9 and Table 4-10). The selected wells are located on the south side of the site and are the closest wells to Pensacola Bay (Figure 4-6). The monitoring wells included were:

- PEN-38GS13
- PEN-38GI03
- PEN38GS03
- PEN-46-13
- PEN-46-14
- PEN-46-17
- PEN-46-19
- PEN-46-20

Vinyl chloride concentrations in two wells (PEN-38GS03 and PEN38GS13) exceeded the marine surface water criteria as well as the GCTL (Figure 4-6). These monitoring wells are previously installed wells from the Site 38 RI that were sampled for the Site 46 investigation.

The naphthalene concentration in one well (PEN-46-19) exceeded the marine surface water criteria as well as the GCTL (Figure 4-6).

The chromium concentration in one well (PEN-38GI03) exceeded the marine surface water criteria and reference concentration, but was less than the GCTL. This monitoring well is an existing well from the Site 38 RI that was sampled for the Site 46 investigation.

The copper concentration in PEN-46-20 exceeded the marine surface water criteria and reference concentration, but was less than the GCTL.

Iron concentrations in two wells (PEN-46-14 and PEN46-20) exceeded the marine surface water criteria as well as the GCTL (Figure 4-6).

Beryllium (PEN-46-20), nickel (PEN-46-14), and zinc (38GS03), were detected at concentrations greater than the marine surface water criteria, but less than the NAS Pensacola reference concentrations.

The area of Pensacola Bay adjacent to the southern edge of Site 46 was investigated as IR Site 2, due to the discharge of untreated waste from operations at Building 71 (IR Site 38) and Building 72 (Site 46) prior to 1973. The final ROD for Site 2 (Ensafe, 2005), indicated that no impact to surface water and limited impact to sediment had occurred. The No Action alternative was selected for surface water and sediment at Site 2.

TABLE 4-9

COMPARISON OF GROUNDWATER ORGANICS RESULTS TO MARINE SURFACE WATER CRITERIA
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION	FLORIDA GCTL	MARINE SURFACE WATER CTL	38GS13	38GI03	38GS03	PEN-46-13	PEN-46-14	PEN-46-14
SAMPLE ID			38GW1301	38GW3I01	38GW3S01	46GW1301	46GW1401	46GW1401-D
SAMPLE DATE			12/20/2005	12/20/2005	12/20/2005	12/17/2005	12/17/2005	12/17/2005
AQUIFER INTERVAL			Shallow	Deep	Shallow	Shallow	Deep	Deep
Volatile Organics (ug/L)								
1,1-DICHLOROETHANE	70	NA	6	0.4 U	18	0.4 U	0.4 U	0.4 U
BROMODICHLOROMETHANE	0.6	22	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.3 J
CARBON DISULFIDE	700	110	0.3 U	0.3 U	0.3 U	0.3 U	0.4 J	0.3 U
CHLORODIBROMOMETHANE	0.4	34	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.6 J
CHLOROFORM	70	470.8	1	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROMETHANE	2.7	470.8	0.3 U	0.3 U	0.4 J	0.3 UJ	0.3 U	0.5 J
CIS-1,2-DICHLOROETHENE	70	7000	18	0.3 U	9	0.3 U	0.3 U	0.3 U
ETHYLBENZENE	30	610	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TETRACHLOROETHENE	3	8.85	0.8 J	0.4 U	2	0.4 U	0.4 U	0.4 U
TOLUENE	40	480	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
TOTAL 1,2-DICHLOROETHENE	63	7000	19	0.6 U	10	0.6 U	0.6 U	0.6 U
TOTAL XYLENES	20	370	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
TRANS-1,2-DICHLOROETHENE	100	11000	2 J	0.3 U	1 J	0.3 U	0.3 U	0.3 U
TRICHLOROETHENE	3	80.7	17	0.3 U	11	0.3 U	0.3 U	0.3 U
VINYL CHLORIDE	1	2.4	**3**	0.3 U	**4**	0.3 U	0.3 U	0.3 U
Semivolatile Organics (ug/L)								
BIS(2-ETHYLHEXYL)PHTHALATE	6	2.2	7 U	7 U	8 U	7 U	**64**	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)								
2-METHYLNAPHTHALENE	28	30	0.06 U	0.06 U	0.06 U	1	0.06 U	0.06 U
ACENAPHTHENE	20	3	0.09 U	0.09 U	0.09 U	0.3	0.08 U	0.09 U
FLUORENE	280	30	0.06 U	0.06 U	0.06 U	0.2	0.06 U	0.06 U
NAPHTHALENE	14	26	0.05 J	0.05 U	0.05 U	1	0.05 U	0.05 U
Pesticides/PCBs (ug/L)								
GAMMA-BHC (LINDANE)	0.2	0.063	0.016 U	0.016 UJ	0.017 U	0.016 U	0.016 UJ	0.016 UJ
Petroleum Hydrocarbons (ug/L)								
TOTAL PETROLEUM HYDROCARBONS	5000	5000	440 J	480 J	340 J	370 U	220 UJ	220 UJ

Notes:
GCTL- Florida groundwater cleanup target level.
CTL - Cleanup target level
UG/L - micrograms per liter
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-9

COMPARISON OF GROUNDWATER ORGANICS RESULTS TO MARINE SURFACE WATER CRITERIA
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION	FLORIDA GCTL	MARINE SURFACE WATER CTL	PEN-46-17	PEN-46-17	PEN-46-19	PEN-46-20	PEN-46-20
SAMPLE ID			46GW1701	46GW1701-D	46GW1901	46GW2001	46GW2001-D
SAMPLE DATE			12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL			Shallow	Shallow	Shallow	Deep	Deep
Volatile Organics (ug/L)							
1,1-DICHLOROETHANE	70	NA	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
BROMODICHLOROMETHANE	0.6	22	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
CARBON DISULFIDE	700	110	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
CHLORODIBROMOMETHANE	0.4	34	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROFORM	70	470.8	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
CHLOROMETHANE	2.7	470.8	0.3 U	0.3 U	0.3 U	0.3 U	0.7 J
CIS-1,2-DICHLOROETHENE	70	7000	0.3 U	0.3 U	1 J	0.3 U	0.3 U
ETHYLBENZENE	30	610	0.2 U	0.2 U	0.4 J	0.2 U	0.2 U
TETRACHLOROETHENE	3	8.85	0.4 U	0.4 U	0.4 J	0.4 U	0.4 U
TOLUENE	40	480	0.2 U	0.2 U	2	0.2 U	0.2 U
TOTAL 1,2-DICHLOROETHENE	63	7000	0.6 U	0.6 U	1 J	0.6 U	0.6 U
TOTAL XYLENES	20	370	0.8 U	0.8 U	3	0.8 U	0.8 U
TRANS-1,2-DICHLOROETHENE	100	11000	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
TRICHLOROETHENE	3	80.7	0.3 U	0.3 U	2	0.3 U	0.3 U
VINYL CHLORIDE	1	2.4	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Semivolatile Organics (ug/L)							
BIS(2-ETHYLHEXYL)PHTHALATE	6	2.2	7 U	7 U	7 U	7 U	7 U
Polynuclear Aromatic Hydrocarbons (ug/L)							
2-METHYLNAPHTHALENE	28	30	0.06 U	0.06 U	11 J	0.06 U	0.06 U
ACENAPHTHENE	20	3	0.08 U	0.08 U	0.08 U	0.08 U	0.09 U
FLUORENE	280	30	0.06 U	0.06 U	0.2 J	0.06 U	0.06 U
NAPHTHALENE	14	26	0.05 U	0.05 U	**240**	0.05 U	0.06 J
Pesticides/PCBs (ug/L)							
GAMMA-BHC (LINDANE)	0.2	0.063	0.016 U	0.016 U	0.031 J	0.016 UJ	0.016 UJ
Petroleum Hydrocarbons (ug/L)							
TOTAL PETROLEUM HYDROCARBONS	5000	5000	220 U	210 U	3600	210 U	220 J

Notes:
GCTL- Florida groundwater cleanup target level.
CTL - Cleanup target level
UG/L - micrograms per liter
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-10

COMPARISON OF GROUNDWATER INORGANICS RESULTS TO MARINE SURFACE WATER CRITERIA
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION			NAS	38GS13	38GI03	38GS03	PEN-46-13	PEN-46-14
SAMPLE ID		MARINE	PENSACOLA	38GW1301	38GW3I01	38GW3S01	46GW1301	46GW1401
SAMPLE DATE	FLORIDA	SURFACE WATER	REFERENCE	12/20/2005	12/20/2005	12/20/2005	12/17/2005	12/17/2005
AQUIFER INTERVAL	GCTL	CTL	CONCENTRATION	Shallow	Deep	Shallow	Shallow	Deep
Total Inorganics (ug/L)								
ALUMINUM	200	1500	3882	32.3 U	477	19.0 U	40.6 U	589 U
ARSENIC	10	50	2.8	3.2	3.5	2	3.45 U	3.45 U
BARIUM	2000	na	13.2	43.4	19.3	174	125	33
BERYLLIUM	4	0.13	1.1	0.05 U	**0.74**	0.05 U	0.29 U	0.29 U
CADMIUM	5	9.3	3.4	0.29	0.1	0.82	4.36 U	4.36 U
CALCIUM	N/C		17560	106000	24000	81100	125000	18400
CHROMIUM	100	50	35	6.1 U	**75.0 J**	6.2 U	6.9	26.4
COBALT	140	na	4.1	0.13 U	0.36	0.20 U	3.05 U	3.05 U
COPPER	1000	2.9	16.2	13.9 U	26.7 U	8.3 U	2.86 U	10.5 U
IRON	300	300	1707	52.3 U	517	154 U	40.6 U	**7770**
LEAD	15	8.5	1.6	1.2 U	0.72 U	3.3	1.65 U	1.65 U
MAGNESIUM	N/C		2872	47000	42400	49800	25700	11300
MANGANESE	50		22	8.5	30.5	86.2	50	70.6
NICKEL	100	8.3	40	1.1 J	7.1 J	0.87 J	11.7 U	**17.8**
POTASSIUM	N/C		12167	18900	51600	18000	14600	18100
SELENIUM	50	71	3.9	1.6 U	3.4 J	1.8 U	3.59 U	3.59 U
SODIUM	160000		18435	443000	784000	443000	312000	237000
VANADIUM	49	na	9.6	1.9 U	165	2.6	7.8 U	12.5 U
ZINC	5000	86	153	20.1	8.3 U	**115**	2.9 U	10.8 U

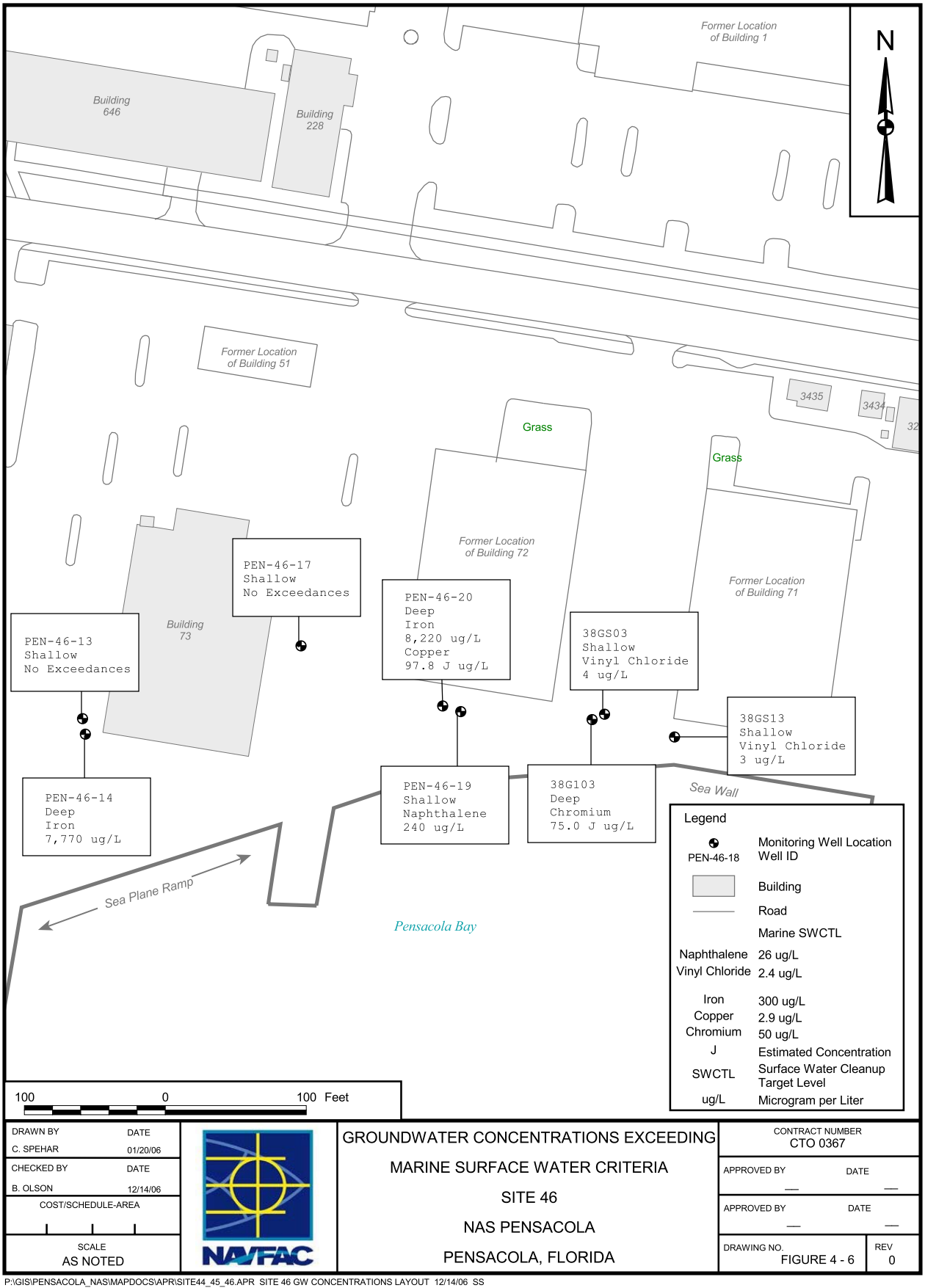
Notes:
GCTL- Florida groundwater cleanup target level.
CTL - cleanup target level.
NAS Pensacola Reference Concentration - EnSafe 1994
UG/L - micrograms per liter
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.

TABLE 4-10

COMPARISON OF GROUNDWATER INORGANICS RESULTS TO MARINE SURFACE WATER CRITERIA
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

LOCATION			NAS	PEN-46-14	PEN-46-17	PEN-46-17	PEN-46-19	PEN-46-20	PEN-46-20
SAMPLE ID		MARINE	PENSACOLA	46GW1401-D	46GW1701	46GW1701-D	46GW1901	46GW2001	46GW2001-D
SAMPLE DATE	FLORIDA	SURFACE WATER	REFERENCE	12/17/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005	12/20/2005
AQUIFER INTERVAL	GCTL	CTL	CONCENTRATION	Deep	Shallow	Shallow	Shallow	Deep	Deep
Total Inorganics (ug/L)									
ALUMINUM	200	1500	3882	576 U	57.4 U	80.4 U	68.7 U	674	862
ARSENIC	10	50	2.8	3.45 U	3.7	3.3	13.3	1.8	2
BARIUM	2000	na	13.2	32.6	108	96.9	71	24.8	25
BERYLLIUM	4	0.13	1.1	0.29 U	0.05 U	0.07 U	0.1	**0.4**	**0.4**
CADMIUM	5	9.3	3.4	4.36 U	0.05 U	0.08 U	0.12	0.05 U	0.05 U
CALCIUM	N/C		17560	17400	51000	45500	64500	23500	22800
CHROMIUM	100	50	35	10	3.4 U	3.4 U	4.1 U	33.6 J	43.9 J
COBALT	140	na	4.1	3.05 U	0.15 U	0.18 U	0.18 U	0.20 U	0.21 U
COPPER	1000	2.9	16.2	10.4 U	2.86 U	2.86 U	5.9 U	11.8 U	**97.8 J**
IRON	300	300	1707	**7020**	138 U	164 U	78.4 U	**8220**	**8100**
LEAD	15	8.5	1.6	1.65 U	0.63 U	0.67 U	1.9 U	0.70 U	1.3 U
MAGNESIUM	N/C		2872	11100	31000	26600	32200	32400	31400
MANGANESE	50		22	63	27.0	22.5	31.3	109	105
NICKEL	100	8.3	40	11.7 U	1.4 J	1.7 J	0.88 J	5.9 J	7.5 J
POTASSIUM	N/C		12167	18100	17400	15900	13400	48700	47200
SELENIUM	50	71	3.9	3.59 U	1.6 U	1.6 U	2.3 U	2.8 J	2.6 J
SODIUM	160000		18435	235000	330000	274000	296000	703000	677000
VANADIUM	49	na	9.6	14.7 U	1.4 U	1.4 U	3.6	104	104
ZINC	5000	86	153	6.8 U	15.8	16.2	9.1 U	10.6 U	26.2

Notes:
GCTL- Florida groundwater cleanup target level.
CTL - cleanup target level.
NAS Pensacola Reference Concentration - EnSafe 1994
UG/L - micrograms per liter
Values in bold exceed screening criteria.
U - Analyte concentration less than the value shown.
J - Estimated concentration between laboratory detection limit and quantitation limit.



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4.3.4 Groundwater Investigation Summary

Groundwater samples collected at Site 46 were analyzed for the full suite of TCL organic and TAL inorganic analytes and petroleum hydrocarbons. Analytical results were screened against FDEP GCTLs for organics, inorganics, and NAS Pensacola reference concentrations for inorganics.

VOCs, SVOCs, and PAHs were reported in groundwater samples collected at Site 46. TCE and vinyl chloride were the only VOCs detected at concentrations exceeding GCTLs. Previously installed Site 38 monitoring wells 38GS03 (11 μg/L) and 38GS13 (17 μg/L) were reported to contain the elevated concentrations. The vinyl chloride concentrations were also greater than the marine surface water criteria of 2.4 μg/L. Naphthalene was detected in four of the groundwater samples collected at Site 46, with the concentration in one monitoring well greater than the GCTL. Bis(2-ethylhexyl)phthalate was detected at a concentration greater than the GCTL in one field duplicate sample. The well was resampled in May 2006 and the bis(2-ethylhexyl)phthalate result from that sampling event was less than the laboratory detection limit. Concentrations of pesticides, PCBs and TRPH were less than the laboratory detection limits.

A wide range of metals were reported in groundwater samples collected at Site 46. Arsenic (PEN-46-19), cadmium (38GS05), and lead (38GS01) were each detected in one shallow monitoring well at concentrations greater than their GCTLs. An exceedance of the chromium GCTL was detected in one deep monitoring well (PEN-46-16).

Manganese was detected in most of the groundwater samples collected at Site 46. The reported manganese concentrations in nine monitoring wells exceeded the manganese GCTL. These exceedances occurred equally in monitoring wells screened in the shallow and the deep surficial aquifer.

Aluminum, iron, and vanadium were detected in only deep monitoring wells at concentrations exceeding the screening criteria.

4.4 SURFACE WATER AND SEDIMENTS

Surface water and sediment samples were not collected for the RI at Site 46 because no surface water bodies are present within the boundaries of the site. The ground cover at the site is largely impermeable due to buildings and pavement.

The area of Pensacola Bay adjacent to the southern edge of Site 46 was investigated as IR Site 2, due to the discharge of untreated waste from operations at Building 71 (IR Site 38) and Building 72 (Site 46) prior to 1973. The final ROD for Site 2 (Ensafe, 2005), indicated that no impact to surface water and

limited impact to sediment had occurred. The No Action alternative was selected for surface water and sediment at Site 2.

4.5 AIR

Air samples were not collected for the RI because the concentrations of volatile contaminants previously detected in soil and groundwater were low. Air monitoring was conducted during the site investigation to identify potential exposure to higher concentrations of volatile contaminants; however, no elevated readings in the breathing zone were documented during site activities.

5.0 CONTAMINANT FATE AND TRANSPORT

The behavior of contaminants released into the environment, particularly the potential for a contaminant to migrate from the release area and persist in an environmental medium, can influence whether the release will result in an adverse human health or ecological effect. The fate and transport discussion for this report is limited to the groups of chemicals that were detected during the Site 46 sampling events at concentrations greater than the CTLs established by the State of Florida.

5.1 POTENTIAL ROUTES OF MIGRATION

The movement of contaminants in the environment will be controlled by certain properties of the contaminant and the availability of suitable pathways for contaminant movement.

5.1.1 Physical and Chemical Factors Affecting Contaminant Mobility

The following properties can be used to evaluate the potential environmental mobility and fate of site contaminants:

- Specific gravity
- Vapor pressure
- Water solubility
- Octanol/water partition coefficient
- Organic carbon partition coefficient
- Henry's Law constant
- Bioconcentration factor
- Mobility index

Table 5-1 presents the physical and chemical properties of the organic compounds detected at Site 46. The relative mobilities of metals as a function of environmental conditions are provided in Table 5-2.

5.1.1.1 Specific Gravity

Specific gravity is the ratio of the weight of a given volume of pure chemical at a specified temperature to the weight of the same volume of water at a given temperature. Specific gravity is used to determine whether a chemical will have a tendency to float or sink in water when present as a pure chemical or at very high concentrations. Non-aqueous phase chemicals with a specific gravity greater than 1 will tend to sink, and chemicals with a specific gravity less than 1 will tend to float. The groups of chemicals detected at Site 46, halogenated VOCs, PCBs, and PAHs generally have a specific gravity greater than 1.

TABLE 5-1

ENVIRONMENTAL FATE AND TRANSPORT PARAMETERS FOR ORGANIC CHEMICALS
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Chemical	Specific Gravity (@ 20/4°C)[1]	Vapor Pressure (mm Hg)[1]	Solubility (mg/L)[1]	Octanol/Water Partition Coefficient[1]	Organic Carbon Partition Coefficient[2]	Henry's Law Constant (atm-m3/mole)[1]	Bioconcentration Factor (mg/L/mg/kg)[2]	Mobility Index log((solubility*VP)/Koc)
HALOGENATED ALIPHATICS								
Trichloroethene	1.47	5.78E+01	1.10E+3 (25°C)	2.00E+02	1.10E+02 [3]	1.03E-02	8.10E+01	4.57
PAHs								
Acenaphthene	1.07	5.00E-03	4.24E+02	8.32E+03	7.08E+03	1.55E-04	1.10E+03	-3.52
Acenaphthylene	1.02	2.30E-02	1.61E+01	1.17E+04	2.00E+03	1.14E-04	3.80E+02	-3.73
Anthracene	1.283 (25/4°C)	1.95E-4 (25°C)	1.29E+0 (25°C)	2.82E+04	2.95E+04 [3]	8.6E-5 (25°C)	4.70E+03	-8.07
Benzo(a)anthracene	1.274	5.00E-09	1E-2 (24°C)	4.07E+05	3.98E+05 [3]	6.60E-07	5.30E+04	-15.90
Benzo(b)fluoranthene	NA	5.00E-07	1.2E-3 (25°C)	3.72E+06	1.23E+06 [3]	1.20E-05	1.40E+05	-15.31
Benzo(k)fluoranthene	NA	9.59E-11	5.5E-4 (25°C)	6.92E+06	1.23E+06 [3]	1.04E-03	1.40E+05	-19.37
Benzo(g,h,i)perylene	NA	1.00E-10	2.6E-4 (25°C)	1.70E+07	1.60E+06	1.4E-7 (25°C)	3.50E+05	-19.79
Benzo(a)pyrene	1.351	5.00E-09	3.8E-3 (25°C)	9.55E+05	1.02E+06 [3]	4.9E-7 (25°C)	1.40E+05	-16.73
Chrysene	1.274 (20°C)	6.3E-9 (25°C)	6E-3 (25°C)	4.07E+05	3.98E+05 [3]	1.05E-6 (25°C)	5.30E+04	-16.02
Dibenzo(a,h)anthracene	1.282	1.00E-10	5E-4 (25°C)	9.33E+05	3.80E+06 [3]	7.3E-8 (25°C)	6.90E+05	-19.88
Fluoranthene	1.252	5.0E-6 (25°C)	2.65E-1 (25°C)	2.14E+05	1.07E+05 [3]	6.5E-6 (25°C)	1.20E+04	-10.91
Fluorene	1.202	1.00E+01	1.98E+00	1.62E+04	1.38E+04	6.36E-05	3.80E+03	-2.84
Indeno(1,2,3-cd)pyrene	NA	1E-10 (25°C)	6.20E-02	4.57E+07	3.47E+06 [3]	6.95E-8 (25°C)	3.50E+05	-17.75
1-Methylnaphthalene	1.0202	5.39E-02	2.58E+01	7.41E+03	7.30E+02	2.60E-04	1.3E+02-6.8E+02	-2.72
2-Methylnaphthalene	1.0058	1E+1 (105°C)	2.6E+1 (25°C)	7.24E+03	7.27E+2 [4]	4.99E-4 (25°C)	5.10E+02	-0.45
Naphthalene	1.162	8.2E-2 (25°C)	3E+1 (25°C)	2.34E+03	2.00E+03 [3]	4.83E-4 (25°C)	4.20E+02	-2.91
Phenanthrene	0.980 (4°C)	1E+0 (118.2°C)	8.16E-1 (21°C)	2.88E+04	1.40E+04	3.93E-5 (25°C)	4.70E+03	-4.23
Pyrene	1.271 (23/4°C)	2.5E+0 (200°C)	1.6E-1 (26°C)	1.51E+05	1.05E+05 [3]	5.1E-6 (25°C)	1.20E+04	-5.42
PHTHALATE ESTERS								
Bis(2-ethylhexyl)phthalate	0.99 (20/20°C)	1.2E+0 (200°C)	4E-1 (25°C)	2.00E+05	1.51E+07 [3]	3.00E-07	2.30E+08	-7.50
PESTICIDES								
alpha BHC	2.91	4.50E-05	2.00E+00	6.50E+03	1.90E+03	1.06E-05	1.10E+02	-7.32
beta BHC	2.91	3.26E-05	2.40E-01	6.30E+03	2.90E+03	7.43E-07 (25°C)	4.00E+04	-8.57

Notes:
NA - Not Available
(1) USEPA, September 1992, Handbook of RCRA Groundwater Monitoring Constituents: Chemical and Physical Properties.
(2) USEPA, December 1982, Aquatic Fate Process Data for Organic Priority Pollutants.
(3) USEPA, July 1996, Soil Screening Guidance.
(4) Lyman et al., 1990; Equation 4-5, Handbook of Chemical Property Estimation Methods.

TABLE 5-2

**RELATIVE MOBILITIES OF METALS AS A FUNCTION OF ENVIRONMENTAL CONDITIONS (Eh, pH)
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA**

Relative Mobility	Environmental Conditions			
	Oxidizing	**Acidic**	**Neutral/Alkaline**	**Reducing**
Very High			Selenium	
High	Selenium and Zinc	Selenium, Zinc, Copper, Nickel, Mercury, and Silver		
Medium	Copper, Nickel, Mercury, Silver, Arsenic, and Cadmium	Arsenic and Cadmium	Arsenic and Cadmium	
Low	Lead, Barium, and Beryllium	Lead, Barium, and Beryllium	Lead, Barium, and Beryllium	
Very Low	Iron and Chromium	Chromium	Chromium, Zinc, Copper, Nickel, Mercury, and Silver	Chromium, Selenium, Zinc, Copper, Nickel, Mercury, Lead, Barium, Beryllium, and Silver

Source: Swartzbaugh, et al. Remediating Sites Contaminated with Heavy Metals. Hazardous Materials Control, November/December 1992.

5.1.1.2 Vapor Pressure

Vapor pressure provides an indication of the rate at which a chemical volatilizes from both soil and water. Chemicals with higher vapor pressures are expected to enter the atmosphere much more readily than chemicals with lower vapor pressures. Volatilization is a significant loss process for VOCs in surface water or surface soil and is of primary importance at environmental interfaces such as surface soil/air and surface water/air. Volatilization is not as important when evaluating contaminated groundwater and subsurface soils that are not exposed to the atmosphere. Vapor pressures for halogenated VOCs are typically one or more orders of magnitude higher than vapor pressures of phthalates, pesticides or PAHs and volatilization is not significant for metals other than mercury.

5.1.1.3 Water Solubility

The rate at which a chemical may be leached from a solid matrix (soil, waste deposit) by infiltrating precipitation is proportional to its water solubility. More soluble chemicals are more readily leached than less soluble chemicals. The water solubilities presented in Table 5-1 indicate that TCE is slightly more soluable than PAHs, which are not especially water soluble.

The solubility of inorganics is strongly influenced by their valence state(s) and forms (hydroxides, oxides, carbonates, etc.). The solubility is also dependent on pH, Eh (redox potential), temperature, and other ionic species in solution (the Debye-Huckel theory). The solubility products reported in the literature vary with the type of complex formed, but generally it can be noted that, for example, cadmium and copper complexes are more soluble than lead and nickel complexes.

5.1.1.4 Octanol/Water Partition Coefficient

The octanol/water partition coefficient (K_{ow}) is a measure of the equilibrium partitioning of chemicals between octanol and water. A linear relationship between the K_{ow} and the uptake of chemicals by fatty tissues of animal and human receptors (the bioconcentration factor) has been established. It is also useful in characterizing the sorption of compounds by organic soils where experimental values are not available. PAHs are more likely to partition to fatty tissues than the more soluble VOCs. The K_{ow} is also used to estimate bioconcentration factors in aquatic organisms.

5.1.1.5 Organic Carbon Partition Coefficient

The organic carbon partition coefficient (K_{oc}) indicates the tendency of a chemical to adhere to soil particles containing organic carbon. Chemicals with high K_{oc}s generally have low water solubilities and vice versa. This parameter may be used to infer the relative rates at which the more mobile chemicals

(ketones, monocyclic aromatics, and halogenated aliphatics) partition to groundwater. Most PAHs are relatively immobile in the soil and are preferentially bound to the soil. These compounds are not as likely to be transported in the dissolved phase by groundwater to the same extent as compounds with higher water solubilities. However, these preferentially bound chemicals are easily transported by erosional processes when they are present in surface soils and the soil particles to which they have adsorbed are mobilized.

5.1.1.6 Henry's Law Constant

Both the vapor pressure and the water solubility are of use in determining volatilization rates from surface water bodies and from groundwater. The ratio of these two parameters, the Henry's Law constant, is used to calculate the equilibrium chemical concentrations in the vapor (air) phase versus the liquid (water) phase for the dilute solutions commonly encountered in environmental settings. In general, chemicals having a Henry's Law constant of less than 1×10^{-5} atm-m^3/mole should volatilize very little and be present only in minute amounts in the atmosphere or soil gas. For chemicals with a Henry's Law constant greater than 5×10^{-3} atm-m^3/mole volatilization and diffusion in soil gas could be significant.

5.1.1.7 Bioconcentration Factor

The bioconcentration factor (BCF) represents the ratio of aquatic-animal-tissue concentration to water concentration. The ratio is both contaminant and species specific. When site-specific values are not measured, literature values are used or the BCF is derived from the octanol/water coefficient. Many of the PAHs will bioconcentrate at levels three to five orders of magnitude greater than those concentrations found in the water, whereas TCE does not bioconcentrate to any significant degree.

5.1.1.8 Distribution Coefficient

The distribution coefficient (K_d) is a measure of the equilibrium distribution of a chemical or ion in soil/water systems. The distribution of organic chemicals is a function of both the K_{oc} and the amount of organic carbon in the soil. For ions (e.g., metals), K_d is the ratio of the concentration adsorbed on soil surfaces to the concentration in water. Distribution coefficients for metals vary over several orders of magnitude because the K_d is dependent on the size and charge of the ion and the soil properties governing exchange sites on soil surfaces. Coulomb's Law predicts that the ion with the smallest hydrated radius and the largest charge will be preferentially accumulated over ions with larger radii and smaller charges.

5.1.1.9 Mobility Index

The mobility index (MI) is a quantitative assessment of chemical mobility in the environment based on the water solubility (S), vapor pressure (VP), and the organic carbon partition coeffecient (K_{oc}) of a given material (McCall, et. al., 1983):

$$MI = \log ((S*VP)/K_{oc})$$

The MI for a given chemical is evaluated using the following scale (Ford and Gurba, 1984):

Relative MI	Mobility Description
> 5	extremely mobile
0 to 5	very mobile
-5 to 0	slightly mobile
-10 to –5	immobile
< -10	very immobile

TCE has a MI close to 5 and is considered very mobile. Phthalates and pesticides such as BHC have MIs between -5 anad -10, and are classified as immobile. Lighter molecular weight PAHs, such as naphthalene, have MIs ranging from -5 to 0 and are considered slightly mobile, and the heavier molecular weight PAHs [e.g., benzo(a)pyrene] are classified as very immobile having MIs less than -10 (Table 5-1).

5.1.2 Potential Pathways for Contaminant Migration

Based on the evaluation of existing conditions at Site 46, the following potential contaminant transport pathways may exist at the site:

- Leaching of soil contaminants to groundwater
- Migration of groundwater contaminants
- Volatilization from soil or groundwater

5.1.2.1 Leaching of Soil Contaminants to Groundwater

Contaminants that adhere to soil particles or have accumulated in soil pore spaces can be remobilized and transported to the groundwater as a result of infiltration or precipitation. The rate and extent of this leaching are influenced by:

- The depth of the water table
- Amount of precipitation
- Rate of infiltration
- The physical and chemical properties of the soil
- The physical and chemical properties of the contaminant

The mobility of chemicals at Site 46 will be influenced by the relatively shallow water table, potentially high rates of precipitation, and the sandy soil in the area which may allow a higher rate of infiltration. The contaminants identified at Site 46 (metals and CVOCs) generally have physical and chemical properties that result in low mobility and higher persistence in the environment.

5.1.2.2 Migration of Groundwater Contaminants

Contaminants can migrate in either a dissolved phase or as an immiscible liquid. A contaminant that is present in water above its solubility concentration will form an immiscible liquid. Based on the specific gravity of the contaminant, it will either float or sink in the water. In the case of chlorinated solvents (e.g., chloroform), the contaminant will sink in the water because it has a higher specific gravity than water. Subsurface transport of the immiscible contaminants is governed by a set of factors different from those of dissolved contaminants.

The groundwater data at Site 46 do not provide evidence of immiscible contaminants at concentrations exceeding water solubility levels. Solvents were detected at concentrations less than their water solubilities. Therefore, the migration of groundwater contaminants, for the most part, is likely governed by factors that govern the movement of dissolved contaminants. Three general processes govern the migration of dissolved constituents in groundwater: advection, dispersion, and retardation. Advection is a process by which solutes are carried by groundwater movement. Dispersion is a mixing of contaminated and uncontaminated water during advection. Retardation is a slowing of contaminant migration caused by the reaction of the solute with the aquifer soil.

Contaminant concentrations may be affected by one or more mechanisms during transport. Volatilization or precipitation may physically transform contaminants. Contaminants may be chemically transformed through photolysis, hydrolysis, or oxidation/reduction. Contaminants may also be biologically transformed by biodegradation.

Hydrogeologic data were collected to evaluate movement of groundwater in the shallow surficial aquifer at Site 46. These data were used to estimate the site-specific groundwater flow direction and groundwater flow velocity.

5.1.2.3 Volatilization from Soil or Groundwater

Chemicals in soil can migrate into ambient air either as vapors or by adhering to particulate matter (dusts). Chemicals that have a significant volatility are likely to enter ambient air as vapors. These chemicals are generally considered to be compounds with Henry's Law Constants greater than $1.0x10^{-5}$ and molecular weights less than 200. Chemicals with lower Henry's Law Constants and higher molecular weights are more likely to enter ambient air on particulate matter carried by winds.

Once in groundwater, volatile chemicals may migrate or they may volatilize through the capillary zone and overlying soil layers into ambient air or inside buildings. Chemicals in the vapor phase may migrate horizontally or vertically and can enter buildings through cracks in the foundation or through foundation walls. Once inside buildings, the air concentrations in buildings are subject to various factors, such as building dimensions and ventilation rates. Upon entering ambient air, the vapors are not expected to persist for long periods of time having half-lives in the atmosphere typically measured in hours or a few days. The air concentrations of vapors in ambient air are likely to be quickly diluted by the action of winds. Vapors may also be released directly to ambient air from soil or groundwater during excavation activities.

Many of the contaminants detected in soil and groundwater samples at Site 46 (metals and SVOCs, pesticides and phthalates) are not especially volatile and are not expected to vaporize into the air. Air monitoring was conducted during the soil investigation due to the potential for dust/particulate exposure. Because most of the site is paved with concrete, little dust was generated under normal conditions. However, there is a potential for particulate exposure in areas without grass if the soil is heavily disturbed (e.g., during an excavation).

5.2 CONTAMINANT PERSISTENCE

The life span of the contaminants once released to the environment is controlled by the susceptibility of the contaminant to certain chemical and biological processes that may degrade the contaminants and reduce their remaining mass.

5.2.1 Halogenated VOCs

In general, halogenated aliphatic hydrocarbons are subject to abiotic dehydrohalogenation. This process is an elimination reaction that results in the formation of an ethene from a saturated halogenated compound. Research indicates that microbial degradation of highly chlorinated ethanes is a relatively slow process. Hydrolysis, photolysis, and oxidation are generally not considered to be significant fate processes for the chlorinated ethanes. Limited hydrolysis of saturated aliphatics (i.e., alkanes) may

occur, but it does not appear to be a significant degradation mechanism for unsaturated species (i.e., alkenes).

Under certain conditions, volatilization is a significant fate process for these compounds. Volatilization is only significant at the air-soil or air-water interface. Compounds may volatilize rapidly to the atmosphere from soil or surface water due to low soil adsorption. Adsorption should not be considered as an important fate for these types of compounds when compared to more hydrophobic compounds. BCF factors indicate that these compounds should not bioaccumulate.

5.2.2 PAHs

SVOCs as a class of compounds, and PAHs in particular, are considered to be persistent in the environment. SVOCs in soil are much more likely to bind to soil and be transported via mass transport mechanisms than to go into solution. PAHs are subject to degradation via aerobic bacteria, but may be relatively persistent in the absence of microbial population or macronutrients such as phosphorus and nitrogen. Landspreading applications have indicated that PAHs are highly amenable to microbial degradation in soil. The rate of degradation is influenced by temperature, pH, oxygen concentrations, initial chemical concentrations, and moisture. Photolysis, hydrolysis, and oxidation are not important fate processes for the degradation of PAHs in soil.

5.2.3 Metals

Metals are highly persistent environmental contaminants. They do not biodegrade, photolyze, or hydrolyze. Metals released to the environment generally adsorb to the soil matrix (as compared to being part of the soil structure) and bioaccumulate. Because metals are frequently incorporated into the soil matrix and remain bound to particulate matter, they also migrate from the source areas via bulk movement processes (erosion).

5.3 CONTAMINANT MIGRATION

The mobility of the contaminants, once released to the environment, is controlled by the physical properties of the contaminant, which determine whether the contaminant partitions to more mobile media (air or groundwater) or less mobile media (soil or sediment particles).

5.3.1 Halogenated VOCs

Halogenated aliphatics (e.g., PCE, TCE, and DCE) are generally volatile compounds and are typically considered to be fairly soluble in water with a low capacity for retention by soil organic carbon; therefore, these organic compounds are frequently detected in groundwater. The high volatility and water solubility

of these chemicals dominate their fate the environment. These chemicals may migrate through the soil column after being released by a spill event or by subsurface waste burial as infiltrating precipitation solubilizes them. Some fraction of these chemicals is retained by the soil, but most will continue migrating downward to the water table. Upon reaching the water table migration occurs primarily in the direction of the horizontal hydraulic gradient.

Compounds with specific gravities greater than that of water (e.g., TCE) are often used in various industrial applications such as degreasing. If a large enough spill of these solvents occurs, these chemicals may also migrate as a bulk liquid but will not stop at the water table (i.e., these chemicals will mix with or sink into the aquifer).

5.3.2 SVOCs

SVOCs are generally considered to be fairly immobile chemicals in the environment because they are large molecules with high organic carbon partition coefficients and low solubilities when compared to the volatile organics. However, some of the lighter molecular weight PAHs (a subgroup of SVOCs), such as naphthalene, are more water soluble and environmentally mobile. SVOC compounds in the soil generally do not migrate vertically to a great extent and are more likely to adhere to soil particles and be removed from the site via surface runoff and erosional processes.

PAHs generally have very low solubilities, vapor pressures, and Henry's Law constants and high K_{oc}'s and K_{ow}'s. The low-molecular-weight PAHs (e.g., acenaphthene, anthracene, fluorene, phenanthrene) may volatilize from surface waters, and the high-molecular-weight PAHs [e.g., benzo(a)pyrene, benz(a)anthracene, chrysene, etc.] are less likely to volatilize. PAHs in soil are much more likely to bind to soil and be transported via mass transport mechanisms than to go into solution.

5.3.3 Metals

The mobility of metals is influenced primarily by their physical and chemical properties, in combination with the physical and chemical characteristics of the soil matrix. Factors that assist in predicting the mobility of inorganic species are the soil/pore water pH, soil/pore water oxidation reduction potential of groundwater (Eh), and cation exchange capacity. The mobility of metals generally increases with decreasing soil pH and cation exchange capacity (Table 5-2).

Because inorganics are frequently incorporated into the soil matrix and remain bound to particulate matter, they also migrate from the source areas via bulk movement processes (erosion). The larger, non-colloidal soil particles (greater than 0.45 micron) are not generally considered to be mobile in

groundwater. Metals are also more mobile under acidic conditions. In these cases, it is possible for metals to migrate vertically through the soil column and reach the groundwater.

6.0 HUMAN HEALTH RISK ASSESSMENT

This section presents the human health risk assessment (HHRA) for soil and groundwater at Site 46. The objective of the risk assessment is to determine whether detected concentrations of chemicals in soil and groundwater pose significant threats to potential human receptors under current and/or future land use. The potential risks to receptors are estimated based on the assumption no further actions are taken to control contaminant releases or prevent receptor exposure.

6.1 HUMAN HEALTH RISK ASSESSMENT PROTOCOL

The following USEPA, FDEP, and Navy guidance documents and regulations were used to develop the HHRA methodology and to evaluate potential risks for each site:

- Conducting Human Health Risk Assessments under the Environmental Restoration Program, Department of the Navy, February 2001.
- Navy Policy on the Use of Chemical Background Levels, Department of the Navy, January 2004.
- Technical Report: Development of SCTLs for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), February 2005.
- State of Florida Chapter 62-780 FAC, Contaminated Site Cleanup Criteria, April 2005.
- Risk Assessment Guidance for Superfund: Volume I, Human Health Evaluation Manual (Part A), USEPA, December 1989.
- Human Health Evaluation Manual, Supplemental Guidance: Standard Default Exposure Factors, USEPA, March 1991.
- Guidance for Data Usability in Risk Assessment (Part A), USEPA, April 1992.
- Supplemental Guidance to RAGS: Calculating the Concentration Term, USEPA, May 1992.
- Preliminary Review Draft: Superfund's Standard Default Exposure Factors for the Central Tendency and Reasonable Maximum Exposure, USEPA, May 1993.
- Soil Screening Guidance: Technical Background Document, USEPA, July 1996.

- Exposure Factors Handbook, USEPA, August 1997.

- Supplemental Guidance to RAGS: Region IV Bulletins, Human Health Risk Assessment, USEPA Region 4, May 2000.

- Role of Background in the CERCLA Cleanup Program, USEPA, April 2002.

- Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites, USEPA, December 2002a.

- Supplemental Guidance for Developing Soil Screening Levels for Superfund Sites, USEPA, December 2002b.

- Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance, Dermal Risk Assessment), USEPA, July 2004.

The components of a HHRA are addressed in the following sections:

- Data Evaluation Protocol [including data usability assessment; chemical of potential concern (COPC)] selection)
- Exposure Assessment
- Toxicity Assessment
- Risk Characterization
- Uncertainty Analysis

The risk assessment presented in this report considers both USEPA and FDEP policies and guidelines available for conducting HHRAs. Quantitative risk estimates are developed for receptor exposure to surface soil, subsurface soil, and groundwater using the “risk-ratio” approach defined in Section 6.3.3. USEPA Region IV supports the use of this technique. Additionally, comparisons of site soil and groundwater concentrations to FDEP CTLs recommended in FDEP Rule 62-780 are provided (Section 6.6). This rule presents a phased risk-based corrective action process (RBCAP) that is iterative and tailors site rehabilitation tasks to site-specific conditions and risks.

6.1.1 Data Evaluation Protocol

Data evaluation, the first component of a baseline HHRA, is a two-step, medium-specific task involving the compilation and evaluation of analytical data. The first step involves the compilation of the analytical

database and an evaluation of data usability for purposes of HHRA. The second step of the data evaluation is the selection of a medium-specific list of COPCs, which are used to quantitatively or qualitatively determine potential human health risks for site media. COPCs are selected primarily based on a toxicity screen (i.e., a comparison of site contaminant concentrations to conservative toxicity screening values) and a background screen (i.e., a comparison of site concentrations to background concentrations). In addition, as discussed below, factors such as frequency of detection are considered in some cases. The results of the COPC selection process are presented in Section 6.2.

6.1.1.1 Data Usability

Data collected from the field investigation conducted in March 2005 were used to assess risks to potential human and ecological receptors. The data were validated according to USEPA National Validation Functional Guidelines for Organic Data Review (October 1999), the Laboratory and Data Validation Functional Guidelines for Evaluation of Inorganic Analysis (February 1994), and TtNUS SOPs.

Fixed-based analytical results only from the field investigations were used in the quantitative risk evaluation. All detected concentrations with "J" qualifiers are considered positive detections and were used in the risk evaluation. Data with "U" and "UJ" qualifiers and data qualified because of blank contamination were retained and evaluated as nondetects. Field measurements and data regarded as unreliable (i.e., qualified as "R" during the data validation process) were not used in the quantitative risk assessment.

6.1.1.2 Selection of COPCs for Quantitative Risk Assessment

The selection of COPCs is a qualitative screening process used to limit the number of chemicals and exposure routes quantitatively evaluated in the baseline HHRA to those site-related constituents that dominate overall potential risks. Screening, primarily by risk-based concentrations and basewide background levels, is used to focus the risk assessment on meaningful chemicals and exposure routes.

In most cases, a chemical is selected as a COPC and retained for further quantitative risk evaluation if the maximum detection in a sampled medium exceeds the selected risk-based concentration(s) (i.e., the COPC screening level) and the chemical is determined to be present at concentrations exceeding background. This second condition applies only to those chemicals for which background comparison is possible and appropriate (e.g., metals). Background data are not available for organic chemicals. Chemicals eliminated from further evaluation at this time are assumed to present minimal risks to potential human receptors.

6.1.1.2.1 COPC Screening Levels

Several types of screening concentrations were used to identify COPCs for soil and groundwater at Site 46. The screening concentrations are as follows:

Soil

Screening concentrations based on the following criteria were used to select COPCs for surface and subsurface soil:

- USEPA Region 9 Preliminary Remediation Goals (PRGs) for Residential Soil (USEPA Region 9, October 2004)
- Florida SCTLs for Direct Contact (FDEP, April 2005)
- Florida SCTLs for Leachability Based on Groundwater Criteria (FDEP, April 2005)

Groundwater

Screening concentrations based on the following USEPA and State of Florida criteria were used to select COPCs for groundwater:

- USEPA Region 9 PRGs for Tap Water (USEPA Region 9, October 2004). The Region 9 Tap Water PRGs are based on the cumulative effects of ingestion, dermal contact, and inhalation (for volatiles).
- USEPA MCLs (USEPA, Summer 2006)
- Florida GCTLs (FDEP, April 2005). The Florida GCTLs are based on ingestion only. Note that some the GCTLs are calculated risk-based values while others are standards such as primary and secondary MCLs.

Most of the Region 9 PRGs and State of Florida SCTLs are based on a Hazard Quotient (HQ) of 1.0 (i.e., a no adverse non-carcinogenic effect level) or a cancer risk level of $1X10^{-6}$ (i.e., a one-in-one million probability of developing cancer) but are adjusted (lowered) to reflect cumulative risk issues (e.g., Region 9 PRGs are typically adjusted to reflect a HQ of 0.1).

In the risk assessment conducted according to USEPA methodology, the screening levels for both carcinogens and non-carcinogens were developed using the guidance provided in the USEPA Region 4 Human Health Risk Assessment Bulletins -- Supplement to Risk Assessment Guidance for Superfund (RAGS) (USEPA Region 4, May 2000). In this approach, the risk-based USEPA Region 9 screening concentrations correspond to a HQ of 0.1 (for noncarcinogens) or an incremental lifetime cancer risk (ILCR) of 1×10^{-6} (for carcinogens). The Region 9 PRG values for noncarcinogens were multiplied by 0.1 to account for potential cumulative effects of several chemicals affecting the same target area or producing the same adverse non-carcinogenic health effect.

The screening levels used in the risk assessment conducted according to FDEP methodology were developed using the guidance provided in Appendices D and E of the Technical Report for Chapter 62-777 (FDEP, February 2005) and are presented in Section 6.6.

Because of the different exposure scenarios for potential human receptors, COPCs are identified separately for surface and subsurface soil. Surface soil is defined as soil collected from 0 to 0.5 feet bls and subsurface soil is defined as soil collected from depths of 0.5 to 4 feet bls.

Exposure to COPCs in subsurface soil is typically evaluated only for potential exposure during construction or excavation activities. Therefore, a construction/excavation worker is considered to be the receptor most likely exposed to COPCs in subsurface soil. However, subsurface soil could potentially be brought to the surface during future excavation projects resulting in exposure of other receptors such as future residents or workers. For this reason, potential exposure of residents and typical industrial workers to subsurface soils are also evaluated in the risk assessment.

Screening Levels for Lead

Limited criteria are available to evaluate the potential risks associated with lead. There are no strictly risk-based concentrations for this chemical because the USEPA has not derived toxicity values [i.e., cancer slope factors (CSFs), reference doses (RfDs)] for lead. However, recommended screening levels are available for lead in soil and are frequently used to indicate the need for response activities.

Guidance from both the Office of Prevention, Pesticides, and Toxic Substances (OPPTS) and the Office of Solid Waste and Emergency Response (OSWER) recommend 400 mg/kg as the lowest screening level for lead-contaminated soil in a residential setting where children are frequently present (USEPA, 1994). OPPTS identifies 2,000 to 5,000 mg/kg as an appropriate range for areas where contact with soil by children in a residential setting is less frequent. A value of 400 mg/kg is used as the screening level for COPC selection for both surface and subsurface soil.

Guidance for the USEPA Technical Review Workgroup (TRW) for Lead indicates that "a reasonable screening level for soil lead at commercial/industrial (i.e., non-residential) sites is 800 mg/kg" for a typical non-contact intensive worker (USEPA online, 2006). This value is not used for COPC selection but may be used in the qualitative evaluation of lead. The current State of Florida commercial/industrial SCTL for lead in soil is 1,400 mg/kg (FDEP, 2005).

The Florida CTL and Safe Drinking Water Act Action Level of 15 µg/L was used as the screening level for lead in groundwater.

Essential Nutrients and Chemicals without Toxicity Criteria

The essential nutrients calcium, magnesium, potassium, and sodium are not included in the COPC screening process. These inorganic chemicals are naturally abundant in environmental matrices and are only toxic at high doses and, because of the lack of toxicity criteria, risk-based COPC screening levels are not available for these chemicals in the Region 9 PRG table or FDEP CTL tables.

Risk-based screening levels are currently not available for several constituents detected at Site 46 [e.g., acenaphthylene, benzo(g,h,i)perylene, 2-methylnaphthalene, and phenanthrene]. Therefore, screening levels available for surrogate chemicals are used as screening levels for these constituents, as recommended, for example, by USEPA Region 1 (USEPA, August 1999). For example, in the COPC selection for soil at Site 46, the screening level for acenaphthene is used as a surrogate for acenaphthylene, pyrene for benzo(g,h,i)perylene and phenanthrene, and naphthalene for 2-methylnaphthalene.

6.1.1.2.2 Background Screen

Background concentrations are those that would exist in the absence of influence from site operations. The development of soil background datasets for NAS Pensacola is presented in the Site 1 - Sanitary Landfill Remedial Investigation Report (EnSafe/Allen & Hoshall, 1994). The background concentrations for soil were obtained from two reference locations presented in this report and the background concentrations for groundwater were obtained from four reference locations. The background comparisons were conducted according to USEPA Region 4 risk assessment guidance which states, "For naturally occurring inorganics, compare the on-site maximum detected concentration to 2 times the average site-specific background concentration. Eliminate the chemical as a COPC if it is less than 2 times the background level." (USEPA Region 4, 2000). Therefore, if the detected site concentrations of an analyte are less than two times the mean of the background levels, the analyte is not selected as a COPC. The background values used for COPC selection are presented in Tables 6-1 through 6-3. Note that no chemicals were eliminated solely on the basis of background in soil or groundwater at Site 46.

The elimination of chemicals as site-related COPCs on the basis of background comparisons follows Navy Policy on the Use of Background Chemical Levels (DON, 2004). This document also presents the Navy's interpretation of the USEPA guidance provided in the document titled Role of Background in the CERCLA Cleanup Program (USEPA, 2002) and details the methodology to be used in evaluating background under the Navy's Environmental Restoration and Base Realignment and Closure (BRAC) programs. Navy policy applies to both the screening-level and baseline risk assessments and requires the following:

1. A clear and concise understanding of chemicals released from a site thus ensuring the Navy is focusing on remediating the release.

2. The use of background data in the screening-level risk assessment.

    a. The comparison of site chemical levels to risk-based screening criteria.

    b. The comparison of site chemical levels to background concentrations.

    c. The identification of site-related COPCs based on screening criteria comparisons and background comparisons. Site-related COPCs are those chemicals with concentrations exceeding risk-based screening criteria and background concentrations. To the extent possible, site-related COPCs are further evaluated quantitatively in the baseline risk assessment. (Non-site-related COPCs are further discussed in the risk characterization sections of the baseline risk assessments.)

3. The consideration of background in the baseline risk assessment.

    a. The calculation of risk estimates for site-related COPCs only.

    b. The further evaluation of non-site-related COPCs in the risk characterization section only (e.g., the evaluation of chemicals detected at concentrations exceeding screening criteria but less than background concentrations). The Navy considers this comparison to be consistent with USEPA's Role of Background in the CERCLA Cleanup Program (USEPA, 2002).

4. The selection of site cleanup remedial goals at levels not less than background levels. Additionally, cleanup levels should not be developed for chemicals not identified as COCs. As defined in the Navy guidance, COCs are site-related COPCs found to be the risk drivers in the baseline risk assessment and that may pose unacceptable human or ecological risks.

The results of the background screens are presented in Tables 6-1 through 6-3.

TABLE 6-1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - SURFACE SOIL
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects[2]	Concentration Used for Screening[3]	Background Value[4]	USEPA Region 9 PRG (Residential)[5]	USEPA SSL Soil to Air Residential[6]	COPC Flag	Rationale for Contaminant Deletion or Selection[7]
Site 46	**Volatile Organic Compounds (µg/kg)**												
	95-50-1	1,2-Dichlorobenzene	170 J	170 J	46SB3401	1/13	0.25 - 190	170	NA	600000 sat	600000 sat	No	BSL
	106-46-7	1,4-Dichlorobenzene	110 J	110 J	46SB3401	1/13	0.19 - 280	110	NA	3400 C	1100000 N	No	BSL
	67-64-1	Acetone	12 J	26000 J	46SB2901	3/3	- - -	26000	NA	1400000 N	NA	No	BSL
	74-87-3	Chloromethane	0.47 J	280 J	46SB3301	6/13	0.39 - 46	280	NA	4700 N	2100 C	No	BSL
	127-18-4	Tetrachloroethene	6 J	100 J	46SB3401	2/15	0.22 - 490	100	NA	480 C	10000 C	No	BSL
	79-01-6	**Trichloroethene**	1.1 J	150000 J	46SB2901	7/16	0.48 - 3.4	150000	NA	**53 C**	**71 C**	**Yes**	ASL
	Semivolatile Organic Compounds (µg/kg)												
	91-57-6	2-Methylnaphthalene	6 J	13 J	46SB3101	2/3	0.6	13	NA	5600 N[8]	NA	No	BSL
	208-96-8	Acenaphthylene	2 J	2 J	46SB3101	1/3	0.6	2	NA	370000 N[9]	NA	No	BSL
	120-12-7	Anthracene	2 J	2 J	46SB2901	1/3	0.9	2	NA	2200000 N	NA	No	BSL
	56-55-3	Benzo(a)anthracene	8 J	27	46SB3101	3/3	1	27	NA	620 C	NA	No	BSL
	50-32-8	Benzo(a)pyrene	4 J	24	46SB3101	3/3	---	24	NA	62 C	NA	No	BSL
	205-99-2	Benzo(b)fluoranthene	36	36	46SB2901	1/3	2	36	NA	620 C	NA	No	BSL
	191-24-2	Benzo(g,h,i)perylene	3 J	19 J	46SB2901	3/3	2	19	NA	230000 N[10]	NA	No	BSL
	207-08-9	Benzo(k)fluoranthene	13 J	13 J	46SB2901	1/3	1	13	NA	6200 C	NA	No	BSL
	218-01-9	Chrysene	3 J	19 J	46SB3101	3/3	1	19	NA	62000 C	NA	No	BSL
	53-70-3	Dibenzo(a,h)anthracene	5 J	5 J	46SB2901	1/3	2	5	NA	62 C	NA	No	BSL
	206-44-0	Fluoranthene	8 J	24	46SB3101	3/3	---	24	NA	230000 N	NA	No	BSL
	86-73-7	Fluorene	0.8 J	0.8 J	46SB2901	1/3	0.6 - 0.7	0.8	NA	270000 N	NA	No	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	2 J	18 J	46SB2901	3/3	2	18	NA	620 C	NA	No	BSL
	91-20-3	Naphthalene	3 J	40	46SB3101	2/3	1	40	NA	5600 N	17000 N	No	BSL
	85-01-8	Phenanthrene	4 J	17 J	46SB2901	3/3	---	17	NA	230000 N[10]	NA	No	BSL
	108-95-2	Phenol	360 J	360 J	46SB2901	1/3	98 - 100	360	NA	1800000 N	NA	No	BSL
	129-00-0	Pyrene	7 J	34	46SB3101	3/3	---	34	NA	230000 N	NA	No	BSL
		Carcinogenic PAHs	6	33.4	46SB3101	3/3	---	33.4	NA	62 C	NA	No	BSL
	Pesticides/PCBs (µg/kg)												
	11096-82-5	**Aroclor-1260**	360	360	46SB3101	1/3	4.4 - 4.6	360	NA	**220 C**[11]	NA	**Yes**	ASL
	Metals (mg/kg)												
	7429-90-5	**Aluminum**	116	24500	46SB0801	27/31	43.7 - 95.7	24500	**3833**	**7600 N**	709000 N	**Yes**	ASL
	7440-38-2	**Arsenic**	0.16	2.1	46SB3101	3/3	---	2.1	**1.56**	**0.39 C**	769 C	**Yes**	ASL
	7440-39-3	Barium	1.2	35.5	46SB2901	3/3	---	35.5	**4.63**	540 N	70900 N	No	BSL
	7440-43-9	Cadmium	1.2	1.2	46SB3101	1/3	0.25 - 0.41	1.2	**1**	3.7 N	1840 C	No	BSL
	7440-70-2	Calcium	155	15300	46SB3101	3/3	---	15300	**912**	NA	NA	No	NUT
	7440-47-3	Chromium	4.2	28.2	46SB3101	3/3	---	28.2	**6.13**	30 C[12]	276 C	No	BSL
	7440-48-4	Cobalt	0.65	0.7	46SB3101	2/3	0.18 - 0.28	0.7	1.87	900 C	1180 C	No	BSL, BKG
	7440-50-8	Copper	6.3	13.5	46SB3101	3/3	---	13.5	**5.74**	310 N	NA	No	BSL
	7439-89-6	**Iron**	50.6	13700	46SB0801	31/31	---	13700	**2745**	**2300 N**	NA	**Yes**	ASL
	7439-92-1	**Lead**	0.81	619	46SB2101	31/31	---	619	**7.32**	**400**	NA	**Yes**	ASL
	7439-95-4	Magnesium	42.3	637	46SB3101	3/3	---	637	**133**	NA	NA	No	NUT
	7439-96-5	Manganese	2.9 J	26.9 J	46SB3101	3/3	---	26.9	**21**	180 N	7090 N	No	BSL
	7439-97-6	Mercury	0.07	0.09	46SB3001	2/3	0.03 - 0.04	0.09	0.1	2.3 N	NA	No	BSL, BKG
	7440-02-0	Nickel	1.1	5.8	46SB3101	3/3	1.09	5.8	6.38	160 N	NA	No	BSL, BKG
	7440-62-2	Vanadium	0.46	7.2	46SB2901	3/3	0.46	7.2	**5.83**	7.8 N	NA	No	BSL
	7440-66-6	Zinc	12.9	137	46SB3101	3/3	---	137	**16.9**	2300 N	NA	No	BSL

TABLE 6-1
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - SURFACE SOIL
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Surface Soil
Exposure Medium: Surface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects[2]	Concentration Used for Screening[3]	Background Value[4]	USEPA Region 9 PRG (Residential)[5]	USEPA SSL Soil to Air Residential[6]	COPC Flag	Rationale for Contaminant Deletion or Selection[7]
	Petroleum Hydrocarbons (mg/kg)												
		Total Petroleum Hydrocarbons	110	110	46SB3101	1/3	20 - 44	110	NA	NA	NA	No	NTX

Footnotes
1 - Sample and duplicate are considered as two separate samples when determining the minimum and maximum concentrations.
2 - Values presented are sample-specific quantitation limits.
3 - The maximum detected concentration is used for screening purposes.
4 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
5 - USEPA Region 9 Preliminary Remediation Goal Table. The noncarcinogenic values (denoted with a "N" flag) are the RBC divided by 10 to correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1.0E-06 (carcinogens denoted with a "C" flag) (USEPA Region 9, November 2004, Update December 29, 2004).
6 - USEPA Soil Screening Levels. EPA Internet Site at http://rais.ornl.gov/calc_start.shtml. (Soil-to-air SSLs for noncarcinogens are divided by 10).
7 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level and is statistically determined to be greater than site background.
8 - The value for naphthalene is used as a surrogate for 2-methylnaphthalene.
9 - The value for acenaphthene is used as a surrogate for acenaphthylene.
10 - The value for pyrene is used as a surrogate for benzo(g,h,i)perylene and phenanthrene.
11 - The PRG for Total PCB congeners (Aroclors) are presented.
12 - The PRG for hexavalent chromium is presented.

Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chem he chemical was retained as a COPC.

Definitions:
C = Carcinogen
COPC = Chemical Of Potential Concern
J = Estimated value
N = Noncarcinogen

NA = Not Applicable/Not Available
SSL = Soil Screening Level

Rationale Codes:
For selection as a COPC:
ASL = Above Screening Level and site background.

For elimination as a COPC:
BKG = Less than Background Concentration
BSL = Below COPC Screening Level
NUT = Essential nutrient
NTX = No toxicity criteria

Associated Samples

46SB0101	46SB1201	46SB2301
46SB0201	46SB1301	46SB2401
46SB0301	46SB1401	46SB2501
46SB0401	46SB1501	46SB2601
46SB0501	46SB1601	46SB2701
46SB0601	46SB1701	46SB2801
46SB0701	46SB1801	46SB2901
46SB0801	46SB1901	46SB3001
46SB0901	46SB2001	46SB3001-AVG
46SB1001	46SB2101	46SB3001-D
46SB1101	46SB2201	46SB3101

TABLE 6-2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - SUBSURFACE SOIL
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects[2]	Concentration Used for Screening[3]	Background Value[4]	USEPA Region 9 PRG (Residential)[5]	USEPA SSL Soil to Air Residential[6]	COPC Flag	Rationale for Contaminant Deletion or Selection[7]
Site 46	**Volatile Organic Compounds (µg/kg)**												
	71-55-6	1,1,1-Trichloroethane	22 J	220 J	46SB3302	4/31	0.37 - 2	220	NA	1200000 sat	1200000 sat	No	BSL
	120-82-1	1,2,4-Trichlorobenzene	25 J	45 J	46SB3403	2/32	0.18 - 170	45	NA	6200 N	18000 N	No	BSL
	95-50-1	1,2-Dichlorobenzene	27 J	590	46SB3403	3/32	0.25 - 120	590	NA	600000 sat	600000 sat	No	BSL
	541-73-1	1,3-Dichlorobenzene	14 J	22 J	46SB3403	2/32	0.25 - 120	22	NA	53000 N	NA	No	BSL
	106-46-7	1,4-Dichlorobenzene	100 J	180 J	46SB3403	2/32	0.19 - 96	180	NA	3400 C	1100000 N	No	BSL
	67-64-1	Acetone	9 J	19 J	46SB2902	5/5	- - -	19	NA	1400000 N	NA	No	BSL
	74-87-3	Chloromethane	0.4 J	420 J	46SB3302	7/31	0.4 - 45	420	NA	4700 N	2100 C	No	BSL
	156-59-2	cis-1,2-Dichloroethene	31 J	650 J	46SB3302	2/26	0.29 - 16	650	NA	4300 N	NA	No	BSL
	75-09-2	Methylene Chloride	330 J	1800 J	46SB3302	4/32	0.63 - 6	1800	NA	9100 C	13000 C	No	BSL
	127-18-4	Tetrachloroethene	0.26 J	150 J	46SB3302	9/31	0.23 - 1.3	150	NA	480 C	10000 C	No	BSL
	79-01-6	**Trichloroethene**	1.2 J	26000	46SB3302	15/32	0.49 - 3	26000	NA	**53 C**	**71 C**	**Yes**	ASL
	Semivolatile Organic Compounds (µg/kg)												
	91-57-6	2-Methylnaphthalene	4 J	9 J	46SB3102	5/6	0.6	9	NA	5600 N[8]	NA	No	BSL
	208-96-8	Acenaphthylene	2 J	3 J	46SB3003	2/6	0.6	3	NA	370000 N[9]	NA	No	BSL
	56-55-3	Benzo(a)anthracene	7 J	32	46SB3103	4/6	1	32	NA	620 C	NA	No	BSL
	50-32-8	Benzo(a)pyrene	3 J	33	46SB3103	6/6	- - -	33	NA	62 C	NA	No	BSL
	205-99-2	Benzo(b)fluoranthene	22	45	46SB3103	3/6	2	45	NA	620 C	NA	No	BSL
	191-24-2	Benzo(g,h,i)perylene	16 J	17 J	46SB3003, 46SB3103	3/6	2	17	NA	230000 N[10]	NA	No	BSL
	207-08-9	Benzo(k)fluoranthene	9 J	23	46SB3103	3/6	2	23	NA	6200 C	NA	No	BSL
	218-01-9	Chrysene	10 J	32	46SB3003	3/6	1	32	NA	62000 C	NA	No	BSL
	84-74-2	di-n-Butyl Phthalate	99 J	99 J	46SB3103	1/6	88 - 94	99	NA	610000 N	NA	No	BSL
	53-70-3	Dibenzo(a,h)anthracene	5 J	5 J	46SB2902, 46SB3003	2/6	2	5	NA	62 C	NA	No	BSL
	206-44-0	Fluoranthene	5 J	60	46SB3003	6/6	- - -	60	NA	230000 N	NA	No	BSL
	193-39-5	Indeno(1,2,3-cd)pyrene	17 J	18 J	46SB3003	3/6	2	18	NA	620 C	NA	No	BSL
	91-20-3	Naphthalene	1 J	34	46SB3102	4/6	0.9 - 1	34	NA	5600 N	17000 N	No	BSL
	85-01-8	Phenanthrene	3 J	21 J	46SB3003	6/6	- - -	21	NA	230000 N[10]	NA	No	BSL
	129-00-0	Pyrene	5 J	47	46SB3003	6/6	- - -	47	NA	230000 N	NA	No	BSL
		Carcinogenic PAHs	4.3	45	46SB3103	6/6	- - -	45	NA	62 C	NA	No	BSL
	Pesticides/PCBs (µg/kg)												
	11096-82-5	Aroclor-1260	28	50	46SB3102	2/6	4.4 - 4.6	50	NA	220 C	NA	No	BSL
	Metals (mg/kg)												
	7429-90-5	**Aluminum**	67.2	7680	46SB2602	43/52	29 - 101	7680	**3833**	**7600 N**	709000 N	**Yes**	ASL
	7440-36-0	Antimony	0.44	0.44	46SB3103	1/6	0.01 - 0.08	0.44	9.49	3.1 N	NA	No	BSL, BKG
	7440-38-2	**Arsenic**	0.1	2.4	46SB3102	6/6	- - -	2.4	**1.56**	**0.39 C**	769 C	**Yes**	ASL
	7440-39-3	Barium	1.5	56.2	46SB2902	6/6	- - -	56.2	**4.63**	540 N	70900 N	No	BSL
	7440-43-9	Cadmium	0.85	2.4	46SB3102	2/6	0.24 - 0.31	2.4	**1**	3.7 N	1840 C	No	BSL
	7440-70-2	Calcium	155	2720	46SB3102	6/6	- - -	2720	**912**	NA	NA	No	NUT
	7440-47-3	Chromium	2.7	23.3	46SB3102	5/6	0.6 - 0.6	23.3	**6.13**	30 C[12]	276 C	No	BSL
	7440-48-4	Cobalt	0.29	0.52	46SB2902	3/6	0.17 - 0.22	0.52	1.87	900 C	1180 C	No	BSL, BKG
	7440-50-8	Copper	1.7	111	46SB3103	6/6	- - -	111	**5.74**	310 N	NA	No	BSL
	7439-89-6	**Iron**	32.9	5390	46SB2602	52/52	- - -	5390	**2745**	**2300 N**	NA	**Yes**	ASL
	7439-92-1	Lead	0.88	286	46SB1802	52/52	- - -	286	**7.32**	400	NA	No	BSL
	7439-95-4	Magnesium	60	574	46SB3102	5/6	9.4	574	**133**	NA	NA	No	NUT
	7439-96-5	Manganese	1.6 J	14 J	46SB3102	6/6	- - -	14	21	180 N	7090 N	No	BSL, BKG
	7439-97-6	Mercury	0.05	0.29	46SB3003	4/6	0.01 - 0.04	0.29	**0.1**	2.3 N	NA	No	BSL

TABLE 6-2
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - SUBSURFACE SOIL
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Subsurface Soil
Exposure Medium: Subsurface Soil

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects[2]	Concentration Used for Screening[3]	Background Value[4]	USEPA Region 9 PRG (Residential)[5]	USEPA SSL Soil to Air Residential[6]	COPC Flag	Rationale for Contaminant Deletion or Selection[7]
	7440-02-0	Nickel	0.9	2.6	46SB3102	4/6	0.64 - 0.83	2.6	6.38	160 N	NA	No	BSL, BKG
	7440-23-5	Sodium	122	122	46SB3102	1/6	1.84 - 17.9	122	**108**	NA	NA	No	NUT
	7440-62-2	Vanadium	0.65	2.6	46SB3102	5/6	0.27	2.6	5.83	7.8 N	NA	No	BSL, BKG
	7440-66-6	Zinc	3	140	46SB3102	6/6	- - -	140	**16.9**	2300 N	NA	No	BSL

Footnotes
1 - Sample and duplicate are considered as two separate samples when determining the minimum and maximum concentrations.
2 - Values presented are sample-specific quantitation limits.
3 - The maximum detected concentration is used for screening purposes.
4 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
5 - USEPA Region 9 Preliminary Remediation Goal Table. The noncarcinogenic values (denoted with a "N" flag) are the RBC divided by 10 to correspond to a target hazard quotient of 0.1. Carcinogenic values represent an incremental cancer risk of 1.0E-06 (carcinogens denoted with a "C" flag) (USEPA Region 9, November 2004, Update December 29, 2004).
6 - USEPA Soil Screening Levels. EPA Internet Site at http://rais.ornl.gov/calc_start.shtml. (Soil-to-air SSLs for noncarcinogens are divided by 10).
7 - The chemical is selected as a COPC if the maximum detected concentration exceeds the risk-based COPC screening level and is statistically determined to be greater than site background.
8 - The value for naphthalene is used as a surrogate for 2-methylnaphthalene.
9 - The value for acenaphthene is used as a surrogate for acenaphthylene.
10 - The value for pyrene is used as a surrogate for benzo(g,h,i)perylene and phenanthrene.
11 - The PRG for Total PCB congeners (Aroclors) are presented.
12 - The PRG for hexavalent chromium is presented.

Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

Definitions:
C = Carcinogen
COPC = Chemical Of Potential Concern
J = Estimated value
N = Noncarcinogen

NA = Not Applicable/Not Available
SSL = Soil Screening Level

Rationale Codes:
For selection as a COPC:
ASL = Above Screening Level and site background.

For elimination as a COPC:
BKG = Less than Background Concentration
BSL = Below COPC Screening Level
NUT = Essential nutrient
NTX = No toxicity criteria

Associated Samples

46SB0102	46SB1302	46SB2202
46SB0202	46SB1303	46SB2203
46SB0302	46SB1402	46SB2302
46SB0402	46SB1403	46SB2402
46SB0502	46SB1502	46SB2502
46SB0503	46SB1503	46SB2503
46SB0602	46SB1602	46SB2602
46SB0603	46SB1603	46SB2603
46SB0702	46SB1702	46SB2702
46SB0703	46SB1703	46SB2802
46SB0802	46SB1802	46SB2902
46SB0803	46SB1803	46SB2903
46SB0902	46SB1902	46SB3002
46SB0903	46SB1903	46SB3003
46SB1002	46SB2002	46SB3102
46SB1003	46SB2003	46SB3103
46SB1102	46SB2102	
46SB1202	46SB2103	

TABLE 6-3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - GROUNDWATER
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Groundwater
Exposure Medium: Groundwater

Exposure Point	CAS Number	Chemical	Minimum Concentration[1]	Maximum Concentration[1]	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects[2]	Concentration Used for Screening[3]	Background Value[4]	USEPA Region 9 Tap Water PRG[5]	USEPA MCL[6]	COPC Flag	Rationale for Contaminant Deletion or Selection[7]
Site 46	**Volatile Organic Compounds (µg/L)**												
	67-64-1	Acetone	2 J	7 J	46GW1601	3/3	---	7	NA	550 N	NA	No	BSL
	75-27-4	**Bromodichloromethane**	0.3 J	1.6	46GW0102	4/27	0.2 - 0.4	1.6	NA	**0.18 C**	80	**Yes**	ASL
	75-15-0	Carbon Disulfide	0.4 J	0.4 J	46GW1401	1/26	0.3 - 0.7	0.4	NA	100 N	NA	No	BSL
	124-48-1	**Chlorodibromomethane**	0.6 J	0.6 J	46GW1401-D	1/26	0.4 - 0.8	0.6	NA	**0.13 C**	80	**Yes**	ASL
	67-66-3	**Chloroform**	1	6 J	46GW0101	3/26	0.4 - 0.8	6	NA	**0.17 C**	80	**Yes**	ASL
	74-87-3	Chloromethane	0.4 J	1	46GW1501	9/26	0.3 - 0.6	1	NA	16 N	NA	No	BSL
	75-35-4	1,1-Dichloroethane	6	18	38GW3S01	2/26	0.4 - 0.8	18		81 N	NA	No	BSL
	100-41-4	Ethylbenzene	0.4 J	0.4 J	46GW1901	1/26	0.2 - 0.5	0.4	NA	130 N	700	No	BSL
		M+p-Xylenes	2 J	2 J	46GW1901	1/26	0.5 - 1	2	NA	21 N	10000	No	BSL
	127-18-4	**Tetrachloroethene**	0.4 J	2	38GW3S01	4/26	0.4 - 0.9	2	NA	**0.1 C**	5	**Yes**	ASL
	108-88-3	Toluene	2	2	46GW1901	1/26	0.2 - 0.5	2	NA	72 N	1000	No	BSL
	540-59-0	**Total 1,2-Dichloroethene**	1 J	19	38GW1301	3/26	0.6 - 1	19	NA	**6.1 N**	NA	**Yes**	ASL
	1330-20-7	Total Xylenes	3	3	46GW1901	1/26	0.8 - 2	3	NA	21 N	10000	No	BSL
	79-01-6	**Trichloroethene**	1	17	38GW1301	4/26	0.3 - 0.6	17	NA	**0.028 C**	**5**	**Yes**	ASL
	156-59-2	**cis-1,2-dichloroethene**	1 J	18	38GW1301	3/26	0.3 - 0.5	18	NA	**6.1 N**	70	**Yes**	ASL
	156-60-5	trans-1,2-dichloroethene	1 J	2 J	38GW1301	2/26	0.3 - 0.6	2	NA	12 N	100	No	BSL
	75-01-4	**Vinyl chloride**	3	4	38GW3S01	2/26	0.3 - 0.6	4	NA	**0.02 C**	**2**	**Yes**	ASL
	95-47-6	o-Xylene	2	2	46GW1901	1/26	0.3 - 0.6	2	NA	21 N	10000	No	BSL
	Semivolatile Organic Compounds (µg/L)												
	91-57-6	**2-Methylnaphthalene**	0.1 J	11 J	46GW1901	4/25	0.06	11	NA	**0.62 N**[9]	NA	**Yes**	ASL
	83-32-9	Acenaphthene	0.09 J	0.3	46GW1301	3/25	0.08 - 0.09	0.3	NA	37 N	NA	No	BSL
	117-81-7	**Bis(2-Ethylhexyl)phthalate**	64	64	46GW1401	1/27	1.0 - 8.0	64	NA	**4.8 C**	**6**	**Yes**	ASL
	86-73-7	Fluorene	0.2	0.2	46GW1301, 46GW1901	2/25	0.06	0.2	NA	24 N	NA	No	BSL
	91-20-3	**Naphthalene**	0.05 J	240	46GW1901	4/25	0.05	240	NA	**0.62 N**	NA	**Yes**	ASL
	Pesticides/PCBs (µg/L)												
	5103-71-9	Alpha-Chlordane	0.03 J	0.17	46GW0701	2/24	0.022 - 0.023	0.17	NA	0.19 C[10]	2	No	BSL
	5103-74-2	Gamma-Chlordane	0.14	0.14	46GW0701	1/24	0.028 - 0.031	0.14	NA	0.19 C[10]	2	No	BSL
	58-89-9	gamma-BHC (Lindane)	0.031 J	0.031 J	46GW1901	1/24	0.016 - 0.017	0.031	NA	0.052 C	0.2	No	BSL
	Metals (µg/L)												
	7429-90-5	**Aluminum**	477	16600 J	46GW1601	8/26	19 - 589	16600	**3883**	**3600 N**	NA	**Yes**	ASL
	7440-38-2	**Arsenic**	1.8	13.3	46GW1901	14/26	3.45	13.3	**2.8**	**0.045 C**	**10**	**Yes**	ASL
	7440-39-3	**Barium**	4.9	390	38GW1I01	24/26	5.7 - 8.9	390	**13.2**	**260 N**	2000	**Yes**	ASL
	7440-41-7	Beryllium	0.08	0.74	38GW3I01	4/26	0.05 - 1.7	0.74	1.1	7.3 N	4	No	BSL, BKG
	7440-43-9	**Cadmium**	0.1	8.9	38GW0501	7/26	0.05 - 4.36	8.9	**3.4**	**1.8 N**	**5**	**Yes**	ASL
	7440-70-2	Calcium	4250	257000	38GW1I01	26/26	---	257000	**17560**	NA	NA	No	NUT
	7440-47-3	**Chromium**	1.3	244	46GW1601	12/26	1.01 - 7.4	244	**35**	**11 N**[11]	**100**	**Yes**	ASL
	7440-48-4	Cobalt	0.25	3	38GW1S01	5/26	0.13 - 4.3	3	4.1	73 N	NA	No	BSL, BKG
	7440-50-8	Copper	20.2	97.8 J	46GW2001-D	2/26	2.86 - 37.7	97.8	**16.2**	150 N	1300	No	BSL
	7439-89-6	**Iron**	287	8220	46GW2001	12/26	8.7 - 164	8220	**1708**	**1100 N**	**300** [12]	**Yes**	ASL
	7439-92-1	**Lead**	1.7	23.7	38GW1S01	15/26	0.63 - 1.9	23.7	**1.6**	**15**	**15**	**Yes**	ASL
	7439-95-4	Magnesium	3160	204000	46GW1101	26/26	---	204000	**2873**	NA	NA	No	NUT

TABLE 6-3
OCCURRENCE, DISTRIBUTION AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN - GROUNDWATER
HUMAN HEALTH RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Scenario Timeframe: Current/Future
Medium: Groundwater
Exposure Medium: Groundwater

Exposure Point	CAS Number	Chemical	Minimum Concentration(1)	Maximum Concentration(1)	Sample of Maximum Concentration	Frequency of Detection	Range of Nondetects(2)	Concentration Used for Screening(3)	Background Value(4)	USEPA Region 9 Tap Water PRG(5)	USEPA MCL(6)	COPC Flag	Rationale for Contaminant Deletion or Selection(7)
	7439-96-5	**Manganese**	8.5	505	38GW1S01	22/26	0.7 - 7.9	505	**21.9**	**88 N**	**50** (12)	**Yes**	ASL
	7440-02-0	Nickel	0.87 J	31.3	46GW1601	12/26	11.7	31.3	40	73 N	NA	No	BSL, BKG
	7440-09-7	Potassium	4010	68400	38GW1I01	24/26	1960 - 3580	68400	**12168**	NA	NA	No	NUT
	7782-49-2	Selenium	2.5 J	3.4 J	38GW3I01	4/26	1.6 - 3.59	3.4	3.9	18 N	50	No	BSL, BKG
	7440-22-4	Silver	4.5	4.5	46GW0201	1/26	0.05 - 4.4	4.5	**4**	18 N	100 (12)	No	BSL
	7440-23-5	Sodium	27800	2020000	38GW1I01	26/26	---	2020000	**18345**	NA	NA	No	NUT
	7440-62-2	**Vanadium**	2.6	377	46GW1601	10/26	1.4 - 31.5	377	**9.6**	**3.6 N**	NA	**Yes**	ASL
	7440-66-6	Zinc	15.8	166	38GW0501	12/26	2.9 - 19.4	166	**153.2**	1100 N	5000 (12)	No	BSL
	Petroleum Hydrocarbons (µg/L)												
		Total Petroleum Hydrocarbons	220 J	3600	46GW1901	7/26	210 - 370	3600	NA	NA	NA	NA	NTX

Notes:
1 - Sample and duplicate are counted as two separate samples when determining the minimum and maximum detected concentrations and as one sample when determining frequency of detection.
2 - Values presented are sample-specific quantitation limits.
3 - The maximum detected concentration is used for screening purposes.
4 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
5 - The risk-based COPC screening level for tap water is presented. The value is based upon a target HQ of 0.1 for noncarcinogens (denoted with a "N" flag), or an incremental cancer risk of 1 x 10^{-6} for carcinogens (denoted with a "C" flag) (EPA Region 9, October 2004, Updated December 28, 2004).
6 - USEPA Primary Drinking Water Standard (USEPA, 2006).
7 - The chemical is selected as a COPC if the maximum detected concentration exceeds the COPC screening level and is greater than the concentration detected in the upgradient well.
8 - The PRG for cis-1,2-dichloroethene is used as a surrogate for total 1,2-dichloroethene.
9 - The PRG 2-methylnaphthalene is used as a surrogate for naphthalene.
10 - PRG for chlordane is used as surrogates for alpha- and gamma-chlordane.
11 - The PRG for hexavalent chromium is presented.
12 - No primary MCL available, secondary MCL is presented.

Shaded criterion indicates that the maximum detected concentration exceeds one or more screening criteria. Shaded chemical name indicates that the chemical was retained as a COPC.

Definitions:
NA = Not Applicable
SQL = Sample Quantitation Limit
COPC = Chemical of Potential Concern
J = Estimated Value
C = Carcinogenic
MCL = Maximum Contaminant Level.
NA = Not applicable/not available.
N = Noncarcinogen.
SDWA = Safe Drinking Water Act.
SMCL = Secondary MCL.

Rationale Codes:
For selection as a COPC:
ASL = Above Screening Level

For elimination as a COPC:
BSL = Below Screening Level
NUT = Essential nutrient
BKG = Less than Background Concentration

Associated Samples

38GW0501	46GW0601	46GW1601
38GW1301	46GW0701	46GW1701
38GW1I01	46GW0801	46GW1701-D
38GW1S01	46GW0901	46GW1801
38GW3I01	46GW1001	46GW1901
38GW3S01	46GW1101	46GW2001
46GW0101	46GW1201	46GW2001-D
46GW0102	46GW1301	
46GW0201	46GW1401	
46GW0301	46GW1401-D	
46GW0401	46GW1402	
46GW0501	46GW1501	

6.1.1.2.3 Frequency Screen

If an analyte is detected in less than 5 percent of the samples, it may not be selected as a COPC (FDEP, 2005). A frequency screen is conducted only when there are 20 or more samples of the medium of concern. The decision to eliminate a chemical because of low detection frequency is also based on site history (i.e., is there a reason to believe a chemical may or may not be related to historical site activities) and the magnitude of the concentration (i.e., does the concentration of a chemical indicate a potential hotspot area). Note that no chemicals were eliminated as COPCs on the basis of frequency alone.

6.1.1.2.4 Decision Rules for Establishing COPCs

The applicable decision rules for the selection of COPCs are as follows:

- A chemical is selected as a COPC for soil or groundwater if the maximum detected concentration exceeds the screening level and if the background screen indicates the site concentrations are greater than the corresponding background concentrations.

- Individual chemicals may be eliminated as COPCs if they are detected at a frequency of less than 5 percent in any given medium but only if there are no other indications the chemical would pose an unacceptable risk to receptors (e.g., there is no evidence of a contaminant “hot spot”). Chemicals exhibiting unusually high concentrations or are clearly site-related may be retained as COPCs at the discretion of the human health risk assessor.

- If a chemical is not detected in any of the samples in a particular medium, and the detection limits exceeds the risk-based screening levels, the chemical is not selected as a COPC but is qualitatively discussed in the uncertainty analysis section.

- The essential nutrients (calcium, magnesium, potassium, and sodium) are not identified as COPCs.

- Chemicals with concentrations exceeding toxicity screening concentrations but determined to be less than background concentrations based on the background screen are not selected as COPCs. However, as stated previously, no chemicals were eliminated as COPCs on the basis of background alone.

6.2 SELECTION OF COPCS FOR HUMAN HEALTH RISK ASSESSMENT – USEPA METHODOLOGY

The direct contact, USEPA Region 9 risk-based screening levels and USEPA MCLs (for groundwater) defined in Section 6.1.1.2 were used to select COPCs for quantitative evaluation at Site 46. A discussion of the chemicals selected as COPCs (i.e., those chemicals detected at concentrations in excess of USEPA direct contact screening criteria and the rationale for COPC selection are provided in the following paragraphs. COPC selection tables for surface soil, subsurface soil, and groundwater are presented as Tables 6-1, 6-2, and 6-3, respectively.

6.2.1 Surface Soil

Sixteen PAHs, six VOCs phenol, Aroclor-1260, five inorganics, and TPH were detected in surface soil samples collected at Site 46. A comparison of the maximum detected surface soil concentrations to screening levels based on USEPA Region 9 PRGs for residential exposures is presented in Table 6-1. Also presented in Table 6-1 are the results of the site data-to-background data comparisons. The following chemicals were detected in surface soils at maximum concentrations exceeding the direct contact, risk-based COPC screening levels and background, and were retained as COPCs for surface soil:

- TCE
- Aroclor-1260
- Inorganics (aluminum, arsenic, iron, and lead)

These constituents were retained for the quantitative evaluation presented in Section 6.5. The maximum concentrations of aluminum and iron exceeded the Region 9 PRG screening level based on an HQ of 0.1, but were less than the non-adjusted PRG values based on an HQ of 1.0. However, it should be noted that although the detected arsenic concentrations exceeded the risk based COPC screening criteria, the concentrations were within the background range determined by facility-wide statistical analysis of arsenic and iron for NAS Pensacola (Appendix B).

6.2.2 Subsurface Soil

Fourteen PAHs, one phthalate ester, 11 VOCs, Aroclor-1260, and 18 inorganics were detected in subsurface soil samples collected at Site 46. A comparison of the maximum detected subsurface soil concentrations to screening levels based on USEPA Region 9 PRGs for residential exposures is presented in Table 6-2. Also presented in Table 6-2 are the results of the site data-to-background data comparisons. The following chemicals were detected in subsurface soils at maximum concentrations

exceeding the direct contact, risk-based COPC screening levels and background, and were retained as COPCs for subsurface soil:

- TCE
- Inorganics (aluminum and arsenic)

These constituents were retained for the quantitative evaluation presented in Section 6.4. The maximum concentrations of aluminum and iron exceeded the Region 9 PRG screening concentrations but were less than the non-adjusted PRG value. . However it should be noted that although the detected arsenic concentrations exceeded the risk based COPC screening criteria the concenrtrations were within the background range determined by facility-wide statistical analysis of arsenic and iron for NAS Pensacola (Appendix B).

6.2.3 Groundwater

Four PAHs, one phthalate ester, 15 VOCs, pesticides, 20 inorganics, and TPH were detected in groundwater samples collected at Site 46. A comparison of the maximum detected groundwater concentrations to screening levels based on USEPA Region 9 PRGs and USEPA MCLs for residential exposures is presented in Table 6-3. Also presented in Table 6-3 are the results of the site data-to-background data comparisons. The following chemicals were detected in groundwater at maximum concentrations exceeding the direct contact, risk based COPC screening levels and background, and were retained as COPCs for groundwater:

- VOCs (bromodichloromethane, chlorodibromomethane, chloroform, PCE, cis-1,2-DCE, and vinyl chloride)
- PAHs (2-methylnaphthalene and naphthalene)
- Bis(2-ethylhexyl)phthalate
- Inorganics (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, and vanadium)

The trihalomethanes (bromodichloromethane, chlorodibromomethane, and chloroform), PCE, and cis-1,2-DCE were detected at maximum concentrations that exceeded the screening levels based on the Region 9 PRG, but were less than their USEPA MCLs. The maximum concentrations of aluminum, barium, cadmium, iron and manganese exceeded the Region 9 PRG screening levels, but were less than the non-adjusted PRGs. The concentrations of iron and manganese also exceeded the USEPA Secondary MCLs, which are not based on health effects but on aesthetic effects, such as taste and odor. Arsenic, cadmium, chromium exceeded their MCLs and lead exceeded its action level. No chemicals in groundwater were eliminated as COPCs on the basis of background only.

6.3 EXPOSURE ASSESSMENT/ESTIMATION OF RISK

The exposure assessment defines and evaluates, quantitatively or qualitatively, the type and magnitude of human exposure to the chemicals present at or migrating from the site. The exposure assessment is designed to depict the physical setting of the site, to identify potentially exposed populations and applicable exposure pathways, to determine concentrations of COPCs to which receptors might be exposed, and to estimate chemical intakes under the identified exposure scenarios. Actual or potential exposures at a site are determined based on the most likely pathways of contaminant release and transport, as well as human activity patterns. A complete exposure pathway has three components: (1) a source of chemicals that can be released to the environment, (2) a route of contaminant transport through an environmental medium, and (3) an exposure or contact point for a human receptor. These components can be integrated and described by means of a conceptual site model (CSM), which is an essential element of the exposure assessment.

Current or potential human exposures identified by the CSM are evaluated using the "risk-ratio" approach defined in Section 6.3.3. As noted above, this approach is supported by USEPA Region 4. The approach uses exposure point concentrations (EPCs) for the COPCs in soil and groundwater and relevant risk-based concentrations to generate cancer and non-cancer risk estimates for receptors of concern. The risk-based concentrations for soil used to estimate risk are the FDEP SCTLs developed for the residential and industrial land use scenarios and risk-based concentrations developed for other receptors using USEPA and FDEP guidance documents. The risk-based concentrations for groundwater used to estimate risks are the USEPA Region 9 Tap Water PRGs (USEPA Region 9, 2004). The Region 9 PRGs were used for groundwater (instead of the FDEP CTLs) because most of the FDEP GCTLs are not risk-based values. The risk-based concentrations define and incorporate all the exposure factors (e.g., soil and water ingestion rates) used to determine chemical intake/exposure by receptors of concern.

6.3.1 Conceptual Site Model

The foundation of an exposure assessment is the CSM, which identifies site characteristics including potential contaminant sources, contaminant release mechanisms, transport routes, receptors under current and future land use scenarios, and other appropriate information. The CSM integrates information regarding the physical characteristics of the site, exposed populations, sources of contamination, and contaminant mobility (fate and transport) to identify potential exposure routes and receptors to be evaluated in the risk assessment. A well-defined CSM allows for a better understanding of the risks at a site and aids risk managers in the identification of the potential need for remediation. A general overview of CSM information relevant to Site 46 is provided below. Table 6-4 provides a general summary of the potential receptors and exposure routes evaluated in the risk assessment for Site 46.

TABLE 6-4

**EXPOSURE ROUTES FOR QUANTITATIVE EVALUATION
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA**

Receptors	Exposure Routes
Adult and Adolescent Trespassers / Recreational Users	• Soil dermal contact (surface) • Soil ingestion (surface) • Inhalation of air/dust/emissions (surface soil)
Maintenance Workers	• Soil dermal contact (surface) • Soil ingestion (surface) • Inhalation of air/dust/emissions (surface)
Construction Workers	• Soil dermal contact (surface and subsurface) • Soil ingestion (surface and subsurface) • Inhalation of air/dust/emissions (surface and subsurface)
Occupational Workers	• Soil dermal contact (surface)[1] • Soil ingestion (surface)[1] • Inhalation of air/dust/emissions (surface)[1]
Residents (Adult/Children)	• Soil dermal contact (surface)[1] • Soil ingestion (surface)[1] • Inhalation of air/dust/emissions (surface)[1] • Groundwater ingestion • Groundwater inhalation

Notes:

[1] Occupational workers and residents are also evaluated for exposure to COPCs in subsurface soil. This scenario is included to account for the possibility that subsurface soil could be brought to the surface in future excavation projects.

As note above, the CSM depicts the relationships among the following elements:

- Site sources of contamination
- Contaminant release mechanisms
- Transport/migration pathways
- Exposure routes
- Potential receptors

A general discussion of these elements is provided in Section 1.2.

Site Background and History

The site background and environmental setting is discussed in Section 1.2.

Sources of Environmental Contamination

The primary sources of contamination at Site 46 resulted from routine aircraft maintenance activities and storage of materials used in these activities. The detections of VOCs and metals at Site 46 supports pain stripping activities as a probable source of contamination. The presence of VOCs in groundwater appears to be related to releases at Site 38.

Potential Contaminant Migration Routes

Assuming surface soil, subsurface soil, and groundwater contamination has occurred as a result of chemical usage and chemicals may migrate to deeper subsurface soils and groundwater, the primary plausible contaminant release and migration mechanisms at Site 46 are as follows:

- Migration of soil contaminants downward through the soil column with infiltrating precipitation. Chemicals may continue to migrate in groundwater via dispersion and advection in the downgradient direction.
- Migration of fugitive dusts from surface soils (and subsurface soils if construction/excavation activities occur) into ambient air. Currently, Site 46 is used for vehicle parking rendering this migration route negligible.

A secondary release by stormwater runoff could affect the surface water in the surrounding area resulting in humans and both terrestrial and aquatic biota becoming potential receptors via ingestion and dermal contact. However, because no surface water bodies (other than intermittent streams) are present in the immediate vicinity of Site 46, the potential for runoff from surface soil to a surface water body is not addressed.

Potential Current and Future Receptors of Concern and Exposure Pathways

NAS Pensacola is an active facility and will remain active for the foreseeable future. However, for purposes of completeness, the baseline risk assessment prepared for Site 46 considers receptor exposure under residential, industrial, and recreational land use scenarios. Based on current and potential future land use, the following potential receptors are assumed to be exposed to contaminated environmental media at Site 46:

- Site Maintenance Worker – An on-site receptor under current/future land use. This includes adult military or civilian personnel assigned to work (primarily groundskeeping/outdoor maintenance activities) at a site. This receptor could be exposed to surface soil by incidental ingestion, dermal contact, and inhalation (i.e., airborne particulates/vapors) during groundskeeping or maintenance activities. This receptor would not be expected to be routinely exposed to subsurface soils. This receptor is expected to be exposed to surface soil for 30 days per year based on professional judgment. Maintenance workers are considered one of the more likely receptors under current land use.

- Construction/Excavation Worker – A plausible on-site receptor under future land use if major construction activities were to occur. This receptor could be exposed to surface and subsurface soils by incidental ingestion, dermal contact, and inhalation (i.e., airborne particulates/vapors). The construction worker is assumed to be exposed to soil for 250 days per year (USEPA, 2002b) assuming a Reasonable Maximum Exposure (RME) scenario. Although possible, direct exposure to groundwater by a construction worker is not quantitatively evaluated in the risk assessment. This scenario is considered to be unlikely and risks from exposure to groundwater (via incidental ingestion of small amounts of water) are regarded as negligible relative to direct exposure to soil. In addition, evaluation of exposure of construction workers to groundwater is not specified or recommended in Rule 62-777 FAC.

- Typical Occupational Worker – An on-site receptor under future land use. Future occupational workers may work at the site if the facility were to close and be developed for commercial/industrial uses. To provide information for risk management decisions, potential risks to future occupational workers are quantified in the risk assessments. This receptor could be exposed to surface soil by incidental ingestion, dermal contact, and inhalation (i.e., airborne particulates/vapors). This receptor would not be expected to be routinely exposed to subsurface soils. The occupational worker is expected to be exposed to surface soils for 250 days per year (USEPA, 1993 and 2002) but less intensely than the maintenance or construction worker.

- Adult and Adolescent Recreational User/Trespasser – A plausible receptor under current and future land use. Although access to the base is controlled, once inside the base, access to Site 46 is not limited by any physical constraints. This receptor may be exposed to potentially contaminated surface soil by incidental ingestion, dermal contact, and inhalation (i.e., airborne particulates/vapors). Recreational users/trespassers are assumed to be exposed to COPCs in soil for 45 days per year, based on professional judgment. Direct contact with subsurface soils is not anticipated for this receptor. Recreational users are considered one of the more likely receptors under current land use.

- On-Site Child and Adult Resident – A hypothetical on-site receptor under future land use. The future residential scenario was quantitatively evaluated in the risk assessment for decision-making purposes although this scenario is unlikely for the NAS Pensacola. It is assumed a resident may be exposed to surface soils by incidental ingestion, dermal contract, and inhalation (i.e., airborne particulates/vapors). Future residents could also be exposed to groundwater only if drinking water wells were installed on the site in the future. This is very unlikely since the main source of water for the base is the Navy-owned well field located at NTTC Corry Station north of NAS Pensacola. However, the future residential drinking water scenario was evaluated for decision-making purposes. According to USEPA Region 4 and Region 9 guidance, a resident is assumed to be exposed to groundwater by ingestion and inhalation (i.e., airborne vapors). FDEP in Chapter 62-777 FAC assumes that a receptor is exposed to groundwater by ingestion only. Residential receptors are assumed to be exposed to groundwater 350 days per year (USEPA, 1993) for a total of 30 years.

6.3.2 Calculation of EPCs

The EPC, calculated for COPCs only, is a reasonable estimate of the chemical concentration likely to be contacted over time by a receptor and is used to calculate estimated exposure intakes. Calculation of EPCs considered guidance described in the USEPA's Calculating Upper Confidence Limits for Exposure Point Concentrations at Hazardous Waste Sites (December 2002a) and Chapter 62-780 FAC (FDEP, 2005).

The 95-percent upper confidence limit (UCL), which is based on the distribution of a dataset, is considered to be the best estimate of the exposure concentration for datasets with 10 or more samples (USEPA, 1992). For datasets with less than 10 samples, the UCL is considered to be a poor estimate of the mean, and the EPC is defined as the maximum concentration. As specified in Chapter 62-780 FAC, the Florida UCL Calculator tool (Version 1.0) was used to calculate the UCLs.

The following decision rules were used to calculate EPCs:

- If a soil dataset contains fewer than 10 samples, the EPC is defined as the maximum detected concentration.
- If a soil dataset contains 10 or more samples, the 95-percent UCL on the arithmetic mean (calculated using the Florida UCL Calculator Tool), which is based on the distribution of the dataset, was selected as the EPC.
- If the calculated 95-percent UCL exceeded the maximum detected concentration, the maximum concentration was used as the EPC.

- Sample and duplicate analytical results were averaged before the EPC was calculated.
- A data value less than the sample-specific detection limit was substituted with one-half the detection limit.

The EPCs for groundwater used in the USEPA risk evaluation are the maximum detected concentrations, except for lead, which is the arithmetic average of the well concentrations.

6.3.3 Chemical Intake and Risk Estimation

To evaluate risks by USEPA methodology, cancer and non-cancer risk estimates for COPCs detected in soil and groundwater are determined using the following simple "risk ratio" technique, which involves the selection (or development) of risk-based concentrations established at the $1x10^{-6}$ cancer risk level or HQ of 1 and the calculation of cancer and non-cancer risks based on the EPC and the risk based concentration:

$$\frac{\text{Risk - based Concentration}}{\text{EPC for COPC}} = \frac{\text{HQ of 1 or Cancer Risk Estimate of 1E - 06}}{\text{HQ or Cancer Risk Estimate for COPC}}$$

This is a valid technique for estimating risk because all of the intake and risk characterization equations used to develop risk-based concentrations are linear. The risk-based concentrations used in the HHRAs for the evaluation of exposure to soil are the State of Florida SCTLs or risk-based concentrations based on the methodology for the development of residential and industrial SCTLs presented in the draft Technical Report: Development of Cleanup Target Levels (CTLs) for Chapter 62-777, FAC (FDEP, 2005). Since most Florida GCTLs are not risk-based values, the risk-based Region 9 PRGs are used in the risk ratio calculations.

Cancer and non-cancer risk estimates for all other receptors evaluated in the HHRA (i.e., the construction worker, the maintenance worker, and the recreational user/trespasser) are based on risk- based concentrations developed using the exposure dose assumptions and the simple intake equations presented in the following sections and the toxicity criteria (slope factors and reference doses) discussed in Section 6.4. The simple intake equations are combined to produce one risk-based concentration per chemical that accounts for ingestion, dermal, and inhalation exposures. (The risk-based concentration calculations are presented in Appendix D.) The risk-based concentrations are established by setting the cancer and non-cancer risk levels at $1x10^{-6}$ or hazard index of 1, respectively, and solving for the associated contaminant concentration in soil as demonstrated in the USEPA Risk Assessment Guidance for Superfund, Part B (USEPA 1991). The exposure assumptions selected for the construction worker, the maintenance worker, the recreational user/trespasser were based on current USEPA risk assessment

guidance (December 1989 and July 2004) and State of Florida guidance (FDEP, 2005). Risk assessment spreadsheets for the calculation of the risk estimates are presented in Appendix E.

6.3.3.1 Incidental Ingestion of Soil

Incidental ingestion of soil by potential receptors coincides with dermal exposure. Exposures associated with incidental ingestion were estimated in the following manner (USEPA, 1989):

$$Intake_{si} = (C_{si})(IR_s)(FI)(EF)(ED)(CF)/(BW)(AT)$$

where:
- $Intake_{si}$ = intake of contaminant "i" from soil (mg/kg/day)
- C_{si} = concentration of contaminant "i" in soil (mg/kg)
- IR_s = ingestion rate (mg/day)
- FI = fraction ingested from contaminated source (dimensionless)
- EF = exposure frequency (days/year)
- ED = exposure duration (year)
- CF = conversion factor ($1x10^{-6}$ kg/mg)
- BW = body weight (kg)
- AT = averaging time (days);
  for noncarcinogens, AT = ED x 365 days/year;
  for carcinogens, AT = 70 years x 365 days/year

As noted above, the State of Florida SCTLs are used calculate cancer and non-cancer risk estimates for the hypothetical future resident and a typical industrial worker exposed to soil. Exposure assumptions for the other receptors are described below and were used to develop risk-based concentrations for the construction worker, the maintenance worker, and the recreational user/trespasser (Appendix E).

A default value of 1.0 (USEPA, 1989) is recommended for the fraction of soil ingested from the contaminated source. The ingestion rates were 330 mg per day (mg/day) for the construction worker (USEPA, 2002b), 50 mg/day for the maintenance workers (FDEP, 2005), and 100 mg/day for adult and adolescent trespassers/recreational users (USEPA, 1993). The exposure frequencies used to estimate intakes for incidental ingestion of soil are presented in Section 6.3.1.

6.3.3.2 Dermal Contact with Soil

Direct physical contact with soil may result in the dermal absorption of chemicals. Exposures associated with the dermal route were estimated in the following manner (USEPA, 1989 and July 2004):

$$Intake_{si} = (C_{si})(SA)(AF)(ABS)(CF)EF)(ED)/(BW)(AT)$$

where:
- $Intake_{si}$ = amount of chemical "i" absorbed during contact with soil (mg/kg/day)
- C_{si} = concentration of chemical "i" in soil (mg/kg)
- SA = skin surface area available for contact (cm^2/day)
- AF = skin adherence factor (mg/cm^2)
- ABS = absorption factor (dimensionless)
- CF = conversion factor ($1x10^{-6}$ kg/mg)
- EF = exposure frequency (days/year)
- ED = exposure duration (year)
- BW = body weight (kg)
- AT = averaging time (days);
  for noncarcinogens, AT = ED x 365 days/year;
  for carcinogens, AT = 70 years x 365 days/year

As noted above, the State of Florida SCTLs were used to calculate cancer and non-cancer risk estimates for the hypothetical future resident and a typical industrial worker. Exposure assumptions for the other receptors are described below and were used to develop risk-based concentrations for the construction worker, the maintenance worker, and the recreational user/trespasser.

The exposed surface areas of the body available for dermal contact are determined on a receptor-specific basis and are based on assumed human activities and clothing worn during exposure events. Current guidance (USEPA, 1997 and 2004) was used to develop the assumptions concerning the amount of skin surface area available for contact for a receptor. The rationales used to select the skin areas are as follows:

- The head, hands, and forearms of excavation/construction worker and maintenance workers were assumed to be exposed to soils (assuming the receptors wear a short-sleeved shirt, long pants, and shoes). As recommended in the Risk Assessment Guidance for Superfund (RAGS) Part E (USEPA, 2004), the skin surface area for a worker was assumed to be 3,300 cm^2. This value represents the average of the 50th-percentile areas of males and females greater than 18 years old.

- For the adolescent trespassers/recreational user, 25 percent of the total body surface area for an adolescent (aged 7 to 16) was assumed to be available for surface soil contact. The RME value (3,280 cm^2) was derived from the 95th-percentile surface area data.

- For the adult trespasser/recreational user assumed to be exposed to surface soil, the exposed skin surface area available for contact was the value recommended for the adult resident in Exhibit 3-5 of RAGS Part E (USEPA, 2004), 5,700 cm^2. This surface area assumes the head, hands, forearms, and lower legs of the receptor are available for contact.

The following values of soil adherence factors and chemical-specific dermal absorption factors provided in RAGS Part E (USEPA, 2004) were used to evaluate risks from exposure to soil:

- Maintenance Worker - 0.2 mg/cm^2 (Exhibit 3.5; USEPA, 2004).

- Construction workers - 0.3 mg/cm^2. This value is the 95th-percentile value for construction workers, (Exhibit 3.3; USEPA, 2004).

- Adolescent Trespassers/Recreational Users - 0.3 mg/cm^2. This adherence factor is the 95th-percentile value presented for soccer players (teens) playing in moist conditions (Exhibit 3.3; USEPA, 2004).

- Future adult trespassers/recreational users - 0.07 mg/cm^2 (Exhibit 3.5; USEPA, 2004).

For the constituents identified as COPCs in soil, the following dermal absorption factors were used (FDEP, 2005):

- TCE – 0.01
- Aroclor-1260 – 0.01
- Aluminum – 0.001
- Arsenic – 0.001
- Iron - 0.001

The same exposure frequencies and durations used in the estimation of ingestion intakes were used to estimate exposure via dermal contact.

6.3.3.3 Inhalation of Air and Fugitive Dust/Volatile Emissions

The amount of a chemical a receptor takes in as a result of breathing is determined using the concentration of the contaminant in air. Intakes of both particulates and vapors/gases are calculated using the same equation, as follows (USEPA, 1991 and 1996):

$$Intake_{ai} = \frac{(C_{ai})(IR_a)(ET)(EF)(ED)}{(BW)(AT)}$$

where: $Intake_{ai}$ = intake of chemical "i" from air via inhalation (mg/kg/day)
C_{ai} = concentration of chemical "i" in air (mg/m^3)
IR_a = inhalation rate (m^3/hour)
ET = exposure time (hours/day)
EF = exposure frequency (days/year)
ED = exposure duration (year)
PEF = Particulate Emission Factor (m^3/kg)
VF = Volatilization Factor (chemical-specific) (m^3/kg)
BW = body weight (kg)
AT = averaging time (days);
= for noncarcinogens, AT = ED x 365 days/year;
= for carcinogens, AT = 70 year x 365 days/year

As noted above, the State of Florida SCTLs are used to calculate cancer and non-cancer risk estimates for the hypothetical future resident and a typical industrial worker. Exposure assumptions for the other receptors are described below and were used to develop risk-based concentrations for the construction worker, the maintenance worker, and the recreational user/trespasser.

The same exposure frequencies and durations used in the estimation of ingestion and dermal intakes of soil were used to estimate exposure via inhalation of air and fugitive dust/volatile emissions. Additionally, for construction/excavation workers and maintenance workers, an inhalation rate of 2.5 m^3 per hour (USEPA, 2002b) and an exposure time of 8 hours/day (i.e., 20 m^3 per day) were used to evaluate risks from inhalation of fugitive dusts and volatile emissions.

For adult and adolescent trespassers/recreational users, inhalation rates of 1.6 m^3 per hour and 1.2 m^3 per hour (USEPA, 1997), respectively, and an exposure time of 4 hours per day were used to evaluate risks from inhalation of fugitive dusts and volatile emissions.

The concentrations of chemicals in air resulting from emissions from soil were developed following procedures presented in USEPA Soil Screening Guidance (USEPA, 1996 and 2002b), as follows:

$$C_a = C_s \times \left[\frac{1}{PEF} + \frac{1}{VF} \right]$$

where: C_a = chemical concentration in air, mg/m^3
C_s = chemical concentration in soil, mg/kg
PEF = Particulate Emission Factor, 1.241 x 10^9 m^3/kg (FDEP, February 2005)
VF = chemical-specific Volatilization Factor, m^3/kg

For chemicals in soil that are not classified as volatile, the above equation reduces to:

$$C_a = C_s \times \left[\frac{1}{PEF}\right]$$

The Particulate Emissions Factor (PEF) relates the concentration of the chemical in soil with the concentration of dust particles in air. The Volatilization Factor (VF) relates the concentration of the chemical in soil with the concentration in ambient air. The VFs used to calculate the alternate SCTLs were obtained from Table 4 of the 62-777 Technical Report (FDEP, 2005). With the exception of the construction worker, the PEF value used to estimate risks from inhalation of fugitive dusts was 1.241 x 10^9 m^3/kg, which was developed by the State of Florida in Chapter 62-777, FAC (FDEP, 2005). The PEF calculated for the construction worker was 2.43 x 10^6 m^3/kg (USEPA, 2002).

6.3.3.4 Ingestion of Groundwater

Residents may be exposed to groundwater via direct ingestion. The Region 9 PRGS used in the risk calculations were derived using the following ingestion intake equation and exposure parameters (USEPA, 1989 and USEPA Region 9, 2004):

$$Intake_{wi} = \frac{(C_{wi})(IR_w)(EF)(ED)}{(BW)(AT)}$$

where: $Intake_{wi}$ = intake of chemical "i" from water (mg/kg/day)
C_{wi} = concentration of chemical "i" in water (mg/L)
IR_w = ingestion rate for groundwater (L/day)
EF = exposure frequency (days/year)
ED = exposure duration (year)
BW = body weight (kg)
AT = averaging time (days);
for noncarcinogens, AT = ED x 365 days/year;
for carcinogens, AT = 70 years x 365 days/year

This scenario assumes that a receptor is exposed 350 days per year for 30 years using an adjusted intake factor (adult + child ingestion rates) of 1.1 L-year/kg-day for carcinogenic effects and an ingestion rate of 2 liters per day for noncarcinogens (USEPA, 2004).

6.3.3.5 Inhalation of Volatiles from Groundwater

Future residents may be exposed to VOC vapors from groundwater while bathing or showering. The Region 9 PRGs used in the risk calculation for VOCs was derived using the following inhalation intake equation and exposure parameters (USEPA, Region 9, 2004):

$$Intake_{winh} = \frac{(C_{wi})(VF_w)(InhF)(EF)(ED)}{(BW)(AT)}$$

where:

$Intake_{winh}$	=	intake of chemical "i" from water by inhalation (mg/kg/day)
C_{wi}	=	concentration of chemical "i" in water (mg/L)
InhF	=	inhalation rate (m^3/day)
VF_w	=	volatilization factor for water (0.5 L/m^3)
EF	=	exposure frequency (days/year)
ED	=	exposure duration (year)
BW	=	body weight (kg)
AT	=	averaging time (days); for noncarcinogens, AT = ED x 365 days/year; for carcinogens, AT = 70 years x 365 days/year

The inhalation scenario assumes that a receptor is exposed 350 days per year for 30 years using an adjusted intake factor (adult + child ingestion rates) of 11 m^3-year/kg-day for carcinogenic effects and an inhalation rate of 20 m^3 per day for noncarcinogens (USEPA Region 9, 2004).

The ingestion and inhalation intake equations are combined to produce one risk-based concentration per chemical that accounts for ingestion and inhalation exposures (USEPA Region 9, 2004).

6.3.3.6 Exposure to Lead

The equations and methodology presented in the previous sections cannot be used to evaluate exposure to lead because of the absence of published dose-response parameters. Exposure to lead was assessed using the following models:

- The latest version of the USEPA's Integrated Exposure Uptake Biokinetic (IEUBK) Model for lead (USEPA, 2002). This model is typically used to evaluate exposure to lead in various media (e.g., soil, water, air) assuming a residential land use scenario.

- The USEPA's TRW Model for Lead (USEPA, 2003). This model is typically used to evaluate exposure to lead in soil only assuming a non-residential land use scenario.

The IEUBK Model for lead (USEPA, 2002) is designed to estimate blood levels of lead in children (under 7 years of age) based on either default or site-specific input values for air, drinking water, diet, dust, and soil exposure. Studies indicate that infants and young children are extremely susceptible to adverse effects from exposure to lead. Considerable behavioral and developmental impairments have been noted in children with elevated blood-lead levels. The threshold for toxic effects from this chemical is believed to be in the range of 10 to 15 µg/dL. Blood-lead levels greater than 10 micrograms per diciliter (µg/dL) are considered to be a "concern."

The IEUBK Model for lead was used to address exposure to lead in children when detected groundwater concentrations exceed the 15 µg/L Federal Action Level promulgated under the SDWA and when detected soil concentrations exceed the OSWER soil screening level of 400 mg/kg for residential land use (USEPA, 1994). Average chemical concentrations, as well as default parameters for some input parameters, were used in the evaluation. Estimated blood-lead levels and probability density histograms are presented as support documentation for this analysis in Appendix E.

Non-residential adult exposure to lead in soil was evaluated using USEPA's TRW Model for lead (USEPA, 2003). In this model, adult exposure to lead in soil is addressed by an evaluation of the relationship between the site soil lead concentration and the blood-lead concentration in the developing fetuses of adult women. The adult lead model generates a spreadsheet for each exposure scenario that is evaluated (i.e., industrial, recreational). The output of the spreadsheet is the probability that the blood-lead concentrations in the fetus exceeds 10 µg/L. The probability that the fetal blood-lead level will exceed 10 µg/L was calculated in accordance with the following USEPA guidelines:

- Use of the TRW Interim Adult Lead Methodology in Risk Assessment (USEPA, 1999).
- Frequently Asked Questions (FAQs) on the Adult Lead Model (USEPA, online, 2006).

No models are currently available to evaluate the periodic exposure of adolescent trespassers/recreational users to lead. Therefore, the results of the IEUBK Model for children are used to qualitatively assess exposure of this receptor because the potential adverse effects from exposure to lead are expected to be of a lesser magnitude for adolescent trespassers than for children.

6.4 TOXICITY ASSESSMENT PROTOCOL

The objective of a toxicity assessment is to identify the potential for human health hazards and adverse effects in exposed populations. A significant portion of the toxicity assessment of the HHRAs has been completed because CSFs and RfDs were selected by the State of Florida during the development of the residential and industrial SCTLs and GCTLs. A CSF is an indicator of the potency of a chemical carcinogen (i.e., the greater the CSF, the more potent the carcinogen). An RfD is the dose at or below which adverse non-carcinogenic effects are not anticipated. These factors represent quantitative estimates of the relationship between the magnitude and types of exposures and the severity or probability of human health effects and were used to develop risk-based concentrations as described above.

6.4.1 Sources of Toxicity Criteria

Oral and inhalation RfDs and CSFs used in the HHRAs were obtained from the following primary recommended USEPA sources:

- Integrated Risk Information System (IRIS) (online)

- USEPA Provisional Peer Reviewed Toxicity Values (PPRTVs) – The Office of Research and Development/National Center for Environmental Assessment (NCEA) Superfund Health Risk Technical Support Center develops PPRTVs on a chemical-specific basis when requested by USEPA's Superfund program.

- Tables 5a and 5b of the FDEP 62-777 Technical Report (FDEP, 2005).

- Other Toxicity Values – These sources include but are not limited to California Environmental Protection Agency (Cal EPA) toxicity values, the Agency for Toxic Substances and Disease Registry (ATSDR) Minimal Risk Levels (MRLs), and the Annual Health Effects Assessment Summary Tables (HEAST) (USEPA, 1997).

Although RfDs and CSFs can be found in several toxicological sources, USEPA's IRIS online database, which is continuously updated, is the preferred source of toxicity values. The USEPA Region 9 PRG Tables (USEPA, 2004) and Region 3 Risk-Based Concentration (RBC) tables (USEPA, 2006) are also used as sources of toxicity criteria when criteria are not available from the aforementioned references.

6.4.2 Toxicity Criteria for Dermal Exposure

RfDs and CSFs found in literature are frequently expressed as administered doses; therefore, these values are considered to be inappropriate for estimating the risks associated with dermal routes of exposure. Oral dose-response parameters based on administered doses must be adjusted to absorbed doses before comparisons to estimated dermal exposure intakes are made.

The adjustment from administered to absorbed dose was made using the following chemical-specific absorption efficiencies published in RAGS Part E:

$$RfD_{dermal} = (RfD_{oral})(ABS_{GI})$$

$$CSF_{dermal} = (CSF_{oral})/(ABS_{GI})$$

where: ABS_{GI} = absorption efficiency in the gastrointestinal tract

6.5 RISK CHARACTERIZATION (USEPA METHODOLOGY)

This section provides a characterization of the human health risks associated with the potential exposures to chemicals in surface soil, subsurface soil, and groundwater at Site 46. The results of the risk characterization are discussed below. Potential risks (non-carcinogenic and carcinogenic) for individual chemicals detected in soil and groundwater at Site 46 were estimated using the simple risk ratio technique presented in Section 6.3.3. As discussed in Section 6.3.1, potential risks were estimated for five receptors (the hypothetical future resident, the typical industrial worker, the construction worker, the maintenance worker, and the recreational user/trespasser) using USEPA and FDEP risk assessment guidance. The total risk from exposure to all COPCs was calculated in accordance with the risk assessment methods outlined in USEPA guidance (USEPA, 1989). Risks to human receptors are also characterized per FDEP guidelines/criteria established in Rule 62-780, FAC in Section 6.6. Supporting documentation for the site-specific HHRAs is presented in Appendix E.

6.5.1 Evaluation of Chemicals Other Than Lead

Quantitative estimates of risk for chemicals other than lead were calculated according to risk assessment methods outlined in Section 6.3.3. The methodology is based on standard USEPA guidance (USEPA, 1989). Lifetime cancer risks are expressed in the form of dimensionless probabilities referred to as ILCRs, which are based on CSFs. An ILCR of $1x10^{-6}$ indicates the exposed receptor has a one-in-one-million chance of developing cancer under the defined exposure scenario. Alternatively, such a risk may be interpreted as representing one additional case of cancer in an exposed population of one million persons. Cancer risk estimates developed for individual chemicals are summed and presented as the

total cancer risk estimate for each receptor. Non-carcinogenic risk estimates for individual chemicals are presented as a HQs, which are based on RfDs. An HQ is the ratio of the intake to the RfD and is an indicator of the potential for adverse non-carcinogenic health effects. An HI is generated by summing the individual HQs for all COPCs. The Hazard Index (HI) is not a mathematical prediction of the severity of toxic effects and therefore is not a true "risk"; it is simply a numerical indicator of the possibility of the occurrence of non-carcinogenic (threshold) effects. As discussed below, HIs were calculated on a target organ/target effect basis.

6.5.2 Evaluation of Lead

Exposure to lead was assessed using USEPA's (IEUBK) Model for lead and the TRW adult lead model (ALM), as described in Section 6.3.3.6. The results of the models are compared to USEPA levels of concern, i.e., predicted lead levels in children and adults should be less than 10 µg/dL and the probability of the blood lead concentrations in a child or fetus exceeding 10 µg/L should be less than 5 percent.

6.5.3 Interpretation of Quantitative Risk Assessment Results

To interpret the quantitative risks and to aid risk managers in determining the need for remediation at a site, quantitative risk estimates are compared to typical risk benchmarks. Calculated ILCRs are interpreted using the USEPA's target range ($1x10^{-6}$ to$1x10^{-4}$) (i.e., a one-in-ten-thousand to one-in-one-million chance of developing cancer) and the State of Florida goal for a total cancer risk of $1x10^{-6}$. HIs are evaluated using a value of 1.0.

The USEPA has defined the range of $1x10^{-6}$ to $1x10^{-4}$ as the ILCR target range for hazardous waste facilities addressed under the CERCLA and the Resource Conservation and Recovery Act (RCRA). Individual or cumulative ILCRs greater than $1x10^{-4}$ are generally not considered as protective of human health. The State of Florida has established a cumulative cancer goal of $1x10^{-6}$ for receptors exposed to contaminated environmental media at a site. These benchmarks are used in the interpretation of the risk characterization results.

An HI exceeding unity (1.0) indicates there may be potential non-carcinogenic health risks associated with exposure. However, when an HI exceeds unity, target organs effects associated with exposure to COPCs are considered. Only the HQs for those chemicals affecting the same target organ(s) or exhibit similar critical effect(s) are regarded as truly additive. Consequently, it may be possible for a cumulative HI to exceed 1.0, but no adverse health effects are anticipated if the COPCs do not affect the same target organ or exhibit the same critical effect (i.e., the HIs developed on a target-organ-specific basis do not exceed 1). Individual target organ HIs for all receptors are presented in the risk calculation tables in Appendix E.

Current USEPA policy regarding lead exposures is to limit the childhood risk of exceeding a 10 µg/dL blood lead level to 5 percent.

6.5.4 Risk Characterization Using USEPA Guidelines

This section contains a summary of the results of the risk characterization for Site 46 conducted according to USEPA guidance. Quantitative risk estimates for potential human receptors were developed for those chemicals identified as COPCs in Section 6.2. Potential cancer risks and HIs were calculated using the methodology presented in Section 6.3 and are summarized in Table 6-5. The results are discussed below. Chemical-specific risks are presented in Appendix E.

Non-Carcinogenic Risk

Cumulative HIs estimated for exposures to surface soil by all receptors were less than 1, except for the hypothetical future resident and the construction worker. For the hypothetical future resident, the non-carcinogenic hazard is driven by TCE; for the construction worker, the non-carcinogenic hazard is driven by aluminum.

Cumulative His estimated for exposures to subsurface soil by all receptors were less than or equal to one, except for the hypothetical future resident. As with surface soil, the non-carcinogenic hazard is driven by TCE.

The cumulative HIs estimated for exposure to groundwater for hypothetical future residents exceeded 1. TCE, 2-methylnaphthalene, naphthalene, chromium, and vanadium all have HQs greater than 1.

Carcinogenic Risk

Cumulative ILCRs for exposure to surface soil, subsurface soil, and groundwater were within USEPA's target risk range of 10^{-4} to 10^{-6} for all receptors except the hypothetical future resident. For the hypothetical future resident's exposure to groundwater, the ILCR exceeded 1×10^{-4}.

However, ILCRs exceeded the State of Florida's target risk level of 1×10^{-6} for exposure to surface and subsurface soil by residents and industrial workers. These exceedances of the Florida target risk level are due to TCE. As stated previously, the risk for residential exposure to groundwater clearly exceeds the State of Florida's target risk level of 1×10^{-6}. The ILCRs for TCE, vinyl chloride, and arsenic exceeded 1×10^{-4}; the ILCRs for chloroform, PCE, and bis(2-ethylhexyl)phthalate exceeded 1×10^{-5}; the ILCRs for bromodichloromethane and chlorodibromomethane exceeded 1×10^{-6}. However, the combined concentrations of the trihalomethanes were less than the MCL.

TABLE 6-5
SUMMARY OF CANCER RISKS AND HAZARD INDICES
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Receptor	Media	Cancer Risk	Chemicals with Cancer Risks $> 10^{-4}$	Chemicals with Cancer Risks $> 10^{-5}$ and $\leq 10^{-4}$	Chemicals with Cancer Risks $> 10^{-6}$ and $\leq 10^{-5}$	Hazard Index	Chemicals with HI > 1
Industrial Workers	Surface Soil	4E-06	- -	- -	Trichloroethene	0.7	- -
	Subsurface Soil	8E-06	- -	- -	Trichloroethene	1	- -
Construction Workers	Surface Soil	4E-07	- -	- -	- -	3	Aluminum
	Subsurface Soil	2E-07	- -	- -	- -	0.2	- -
Maintenance Workers	Surface Soil	7E-07	- -	- -	- -	0.05	- -
Adolescent Recreational Users	Surface Soil	7E-07	- -	- -	- -	0.04	- -
Adult Recreational Users	Surface Soil	4E-07	- -	- -	- -	0.06	- -
Lifelong Recreational Users	Surface Soil	4E-07	- -	- -	- -	NA	- -
Hypothetical Future Residents	Surface Soil	8E-06	- -	- -	Trichloroethene	3	Trichloroethene
	Subsurface Soil	1E-05	- -		Trichloroethene	4	Trichloroethene
	Groundwater	1E-03	Trichloroethene, Vinyl Chloride, Arsenic	Chloroform, Tetrachloroethene,	Bromodichloromethane, Chlorodibromomethane, Bis(2-ethylhexyl)phthalate	60	Trichloroethene, 2-Methylnaphthalene, Naphthalene, Chromium, Vanadium

Notes:
1. No carcinogenic COPCs were detected in the deep groundwater samples.
NA - Not applicable.
HI - Hazard Index.

Exposure to Lead

Lead was identified as a COPC for surface and subsurface soil at Site 46 because maximum detected concentrations (619 mg/kg) exceeded the 400 mg/kg OSWER soil screening level for residential land use. Lead was also identified as a COPC for groundwater because the maximum detected groundwater concentration (23.7 µg/L) exceeded the 15 µg/L USEPA action level at the tap.

As stated previously, published toxicity criteria (CSF, RfD) are not currently available for lead. The USEPA recommends that environmental lead exposures be evaluated using the IEUBK child lead model for residential and the TRW adult lead model for non-residential exposure scenarios. The blood-lead concentration of a receptor is considered a key indicator of the potential for adverse health effects. The IEUBK and TRW models calculate the probability of a receptor's blood-lead level exceeding 10 µg/dL. The USEPA goal is to limit the childhood risk of exceeding a 10 µg/dL blood-lead concentration to 5 percent.

Child Lead Model Results

Current USEPA guidance recommends using the average concentration to evaluate exposure to lead. Therefore, the average lead concentration in surface soil (73 mg/kg) and the average concentration in groundwater (4.34 µg/L), and model default values for other model parameters were used in the IEUBK and TRW model analyses for soil.

The results of the IEUBK model evaluation indicate that the estimated geometric mean blood-lead level for a child resident is 2.3 µg/dL. This blood-lead level is less than the established level of concern (10 µg/dL). Approximately 0.1 percent of children assumed to be exposed to surface soil are expected to experience blood-lead levels greater than 10 µg/dL. This estimate is less than USEPA's goal of limiting exposure to lead so that no more than 5 percent of the exposed children have an estimated blood-lead level greater than the established level of concern (i.e., 10 µg/dL). The results of the IEUBK model are presented in Appendix E.

Adult Lead Model Results

This section presents the results of the ALM evaluation. Full time workers, construction workers, and recreational users were evaluated for exposure to surface soil. The following table summarizes the results of the Adult Lead Model analysis.

ADULT LEAD MODEL RESULTS

Receptor	Predicted Adult Blood Lead Level (µg/dL)	Probability that fetal Blood Lead Level Will Exceed 10 µg/dL	Exceeds USEPA Goal?
Surface Soil (average concentration = 73 mg/kg)[1]			
Full Time Worker	1.5	0.003	No
Construction Worker	1.6	0.004	No
Recreational User	1.4	0.002	No

1. Lead concentrations are averages of samples across the entire site

As shown in the table, the central estimate blood-lead levels for full time occupational workers, construction workers, and recreational users exposed to the average concentration of lead in surface soil (73 mg/kg) were less than the USEPA level of concern of 10 µg/dL and the probabilities that fetal blood-lead levels would be greater than 10 µg lead/dL of blood were less than the USEPA's goal of limiting exposure to lead so that no more than 5 percent of the exposed children have an estimated blood-lead level greater than the established level of concern (i.e., 10 µg/dL).

In summary, the results of the TRW adult lead model evaluations indicate that predicted blood levels for workers and recreational users were acceptable and the probability of workers having children with blood-lead levels greater than 10 µg/dL is less than USEPA's goal of 5 percent. The results of the TRW modeling are presented in Appendix E.

6.6 RISK CHARACTERIZATION USING FDEP RULES 62-777 AND 62-780, FAC

This section describes the State of Florida methodology used to evaluate risks for soil and groundwater at Site 46. The risk assessment methodology is based on guidance provided in Rule 62-780, FAC which makes use of a phased risk-based corrective action process that is iterative and tailors site rehabilitation to site-specific conditions and risks. Rule 62-780 is used in conjunction with Rule 62-777, FAC which provides the methodology used to establish the FDEP CTLs for the residential, commercial/industrial, or alternate land use scenarios. The methodologies described in the following paragraphs are presented in Appendix D and Appendix E of the Technical Report for Chapter 62-777, FAC (FDEP, 2005)

The FDEP risk characterization is performed, in part, through a series of tables in which concentrations of chemicals detected at a site are compared to various FDEP soil and groundwater criteria or to criteria developed according to guidelines presented in Chapter 62-777, FAC. The soil criteria include SCTLs for direct contact (i.e., ingestion, dermal contact, and inhalation), SCTLs for leachability to groundwater, soil saturation concentrations (C_{sat}) for an evaluation of free product, and background levels for metals. The

groundwater criteria include CTLs for direct contact with groundwater (based on ingestion), water solubility values for evaluating the potential for the presence of free product (for organic chemicals), and background levels for metals.

6.6.1 Florida Methodology for Evaluating Soil

Using the guidance provided in Rules 62-780 and 62-777, soil at Site 46 was evaluated for the following land use scenarios:

- Residential land use (Risk Management Option (RMO)Level I)
- Commercial/industrial land use (RMO Level II)
- Recreational land use (RMO Level III)

The evaluation of the hypothetical future residential and commercial/industrial land use of a site is described under RMO Levels I and II, respectively, of Rule 62.780.680. RMO Level III of the rule allows for the development and use of alternative SCTLs based on, for example, a site-specific risk assessment. In this risk assessment, alternative SCTLs were calculated for a recreational user/trespasser using the equations provided in Chapter 62-777 FAC, the most recent toxicological information presented in IRIS, and the exposure factors presented in Section 6.3.3.

A site is first evaluated for residential land use (Level I) for surface and subsurface soil. If the concentrations of chemicals detected at the site are less than their respective criteria, the site is not evaluated further. However, if any of the Level I criteria are exceeded; the site is evaluated for commercial/industrial land use (Level II). The process is then repeated for potential recreational land use (Level III), if necessary. The comparisons conducted for each level are presented in a Tables 6-6 through 6-14 with the chemicals exceeding the relevant screening levels (i.e., the potential COCs) highlighted. Supporting documentation is presented in Appendix E, as necessary. Using the guidance provided in Chapters 62-777 and 62-780 the following evaluations were performed for Site 46:

Comparison with Direct Contact SCTLs. According to the FDEP guidance documents, under RMOs Level I and Level II, the maximum detected concentration of each contaminant may be compared with the respective default SCTL listed in Chapter 62-777, FAC or, the 95 percent UCL of the mean of the site concentrations can be compared with apportioned chronic toxicity-based SCTLs. Under RMO III, UCLs may be compared with apportioned chronic toxicity-based SCTLs only.

In this risk assessment, for RMO Levels I and II, maximum detected surface and subsurface soil concentrations are compared to the default (non-apportioned) SCTLs because an initial review of the

analytical data, the maximum detected concentrations, and the EPCs (calculated as described in Section 6.3.3) indicated the number of potential COCs would not increase if the maximum detected concentration versus the EPC were evaluated using the default SCTLs.) Therefore, if the maximum detected concentration for a chemical exceeds the direct contact SCTL for RMO Levels I and II (and background levels for metals), the constituent is identified as a potential COC and may be further evaluated using various apportionment approaches described in the following sections.

Methods of Apportioning the SCTLs

Simple Apportionment. For situations in which apportionment is applicable, several methods of apportionment are available, as described in Appendix D of the Technical Report. The most straightforward method is simple apportionment. For simple apportionment, the default SCTL for each chemical is divided by the number of chemicals that produce the same type of toxicity. For carcinogens, the value of the simple apportioned SCTL is calculated by dividing the non-apportioned SCTL (residential, commercial/industrial, or recreational) by the number carcinogenic chemicals detected in a surface or subsurface soil dataset. For example, if five carcinogens were detected in a surface soil dataset for a site, the simple apportioned SCTLs for carcinogens are the non-apportioned SCTLs divided by 5 (FDEP, 2005). For noncarcinogens, the simple apportioned SCTL is determined by dividing the non-apportioned SCTL by the number of chemicals impacting the same target organ. If the liver, for example, is identified as the target organ for seven noncarcinogens in a dataset, the simple apportioned SCTLs for those chemicals are the non-apportioned values divided by 7.

Not all SCTLs should be apportioned. The Technical Report (FDEP, February 2005) lists the following exceptions to apportioning:

1. Do not apportion an SCTL based on natural background concentration or practical quantitation limit. These are criteria that are not directly risk-based, and therefore are not subject to apportionment.

2. Do not apportion an SCTL based on acute toxicity. These SCTLs are always regarded as not-to-exceed values, and the default value should be compared with the maximum concentration on site. [Note that acute toxicity SCTLs are applicable only in situations where small children might be present, such as a residence, playground, or school.] Of the chemicals detected in soil at Site 46, the residential SCTLs for barium, copper, and vanadium are acute values.

3. Do not apportion lead (Pb) SCTLs. Both residential and commercial/industrial lead SCTLs are based on a unique type of toxicological analysis that is not amenable to the standard apportionment process.

4. Do not apportion the SCTLs for chemicals present in low concentrations. Eliminate from consideration at a site chemicals whose maximum concentration is less than or equal to 1/10 the default SCTL. Chemicals present in low concentrations are unlikely to contribute substantially to risk and unnecessarily complicate the apportionment process. As shown in Tables 6-6 through 6-12, the maximum concentrations of most detected chemicals (all except carcinogenic PAHs, arsenic, barium, copper, lead, and vanadium) were less than 1/10 of the default SCTLs for surface and subsurface soil. Therefore, the SCTLs for most chemicals detected in soil at Site 46 were not apportioned.

5. Do not apportion the SCTLs for chemicals detected infrequently. A chemical can be eliminated from consideration at a site if it is detected a) in only one out of 10 or more samples, or 5 percent or fewer out of 20 or more samples, and in only one environmental medium; and b) in low concentrations (no more than the default SCTL); and c) there is no reason to believe that the chemical may be present due to historical site activities. These criteria are intended to eliminate chemical detections that are artifacts from sampling, analytical, or other problems. They are not intended to eliminate chemicals present due to site activities in localized areas of contamination.

Weighted Apportionment. In most situations, simple apportionment will be overly conservative in that the sum of the risks represented by the individual chemical SCTLs are likely to be below FDEP target risks of $1x10^{-6}$ and a HI [for each target organ/system or effect] of 1. This can be avoided by weighted apportioning. One method of weighted apportioning involves calculation of ratios of the 95 percent UCLs for chemicals to their SCTLs. The 95 percent UCL for each chemical subject to apportionment is divided by its default SCTL. If the sum of the ratios is less than 1, the chemicals have met the FDEP's risk goals. If the sum is greater than 1, dividing the concentration of each by the sum of the ratios will yield apportioned SCTLs that match exactly the risk goals. In this approach, steps to achieve the apportioned SCTLs are expected to produce proportional decreases in the concentrations of each chemical. This approach makes sense if the chemicals are co-located, such that removal of one chemical results in similar reduction in others.

Non-Proportional Weighted Apportionment. Another method of weighted apportionment is non-proportional reductions in default SCTLs among chemicals with additive effects. As with other methods, the objective of the reduction in default SCTLs is to achieve a situation in which the sum of the risks posed by apportioned SCTLs does not exceed FDEP's risk goals for any health effect. However, in this

TABLE 6-6
FLORIDA LEVEL 1 (RESIDENTIAL) DIRECT CONTACT EVALUATION - SURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value[1]	Non-Apportioned Florida Residential SCTL-Direct Contact[2]	Ratio of Maximum Concentration/ Non-apportioned Residential SCTL	Is Chemical a Potential Level 1 COC?[3]	Rationale/Comments
Volatile Organic Compounds (ug/kg)									
95-50-1	1,2-Dichlorobenzene	1/13	170 J	46SB3401	NA	880000 N	0.0002	No	maximum < SCTL
106-46-7	1,4-Dichlorobenzene	1/13	110 J	46SB3401	NA	6400 N	0.02	No	maximum < SCTL
67-64-1	Acetone	3/3	26000 J	46SB2901	NA	11000000 N	0.002	No	maximum < SCTL
74-87-3	Chloromethane	6/13	280 J	46SB3301	NA	4000 N	0.07	No	maximum < SCTL
127-18-4	Tetrachloroethene	2/15	100 J	46SB3401	NA	8800 C	0.01	No	maximum < SCTL
79-01-6	**Trichloroethene**	7/16	150000 J	46SB2901	NA	6400 C	**23**	**Yes**	maximum > SCTL
Semivolatile Organic Compounds (ug/kg)									
91-57-6	2-Methylnaphthalene	2/3	13 J	46SB3101	NA	210000 N	0.00006	No	maximum < SCTL
208-96-8	Acenaphthylene	1/3	2 J	46SB3101	NA	1800000 N	0.000001	No	maximum < SCTL
120-12-7	Anthracene	1/3	2 J	46SB2901	NA	21000000 N	1E-07	No	maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/3	19 J	46SB2901	NA	2500000 N	0.000008	No	maximum < SCTL
206-44-0	Fluoranthene	3/3	24	46SB3101	NA	3200000 N	0.000008	No	maximum < SCTL
86-73-7	Fluorene	1/3	0.8 J	46SB2901	NA	2600000 N	0.0000003	No	maximum < SCTL
91-20-3	Naphthalene	2/3	40	46SB3101	NA	55000 N	0.0007	No	maximum < SCTL
85-01-8	Phenanthrene	3/3	17 J	46SB2901	NA	2200000 N	0.000008	No	maximum < SCTL
108-95-2	Phenol	1/3	360 J	46SB2901	NA	500000 N	0.0007	No	maximum < SCTL
129-00-0	Pyrene	3/3	34	46SB3101	NA	2400000 N	0.00001	No	maximum < SCTL
	Carcinogenic PAHs	3/3	33.4	46SB3101	NA	100 C	0.3	No	maximum < SCTL
Pesticides/PCBs (ug/kg)									
11096-82-5	Aroclor-1260	1/3	360	46SB3101	NA	500 C	0.7	No	maximum < SCTL
Metals (mg/kg)									
7429-90-5	Aluminum	27/31	24500	46SB0801	3833	80000 N	0.3	No	maximum < SCTL
7440-38-2	Arsenic	3/3	2.1	46SB3101	1.56	2.1 C	1	No	maximum < SCTL
7440-39-3	Barium	3/3	35.5	46SB2901	4.63	120 N	0.3	No	maximum < SCTL
7440-43-9	Cadmium	1/3	1.2	46SB3101	1	82 N	0.01	No	maximum < SCTL
7440-47-3	Chromium	3/3	28.2	46SB3101	6.13	210 N	0.1	No	maximum < SCTL
7440-48-4	Cobalt	2/3	0.7	46SB3101	1.87	1700 N	0.0004	No	maximum < SCTL
7440-50-8	Copper	3/3	13.5	46SB3101	5.74	150 N	0.09	No	maximum < SCTL
7439-89-6	Iron	31/31	13700	46SB0801	2745	53000 N	0.3	No	maximum < SCTL
7439-92-1	**Lead**	31/31	619	46SB2101	7.32	400 N	**2**	**Yes**	maximum > SCTL
7439-96-5	Manganese	3/3	26.9 J	46SB3101	21	3500 N	0.008	No	maximum < SCTL
7439-97-6	Mercury	2/3	0.09	46SB3001	0.1	3 N	0.03	No	maximum < SCTL
7440-02-0	Nickel	3/3	5.8	46SB3101	6.38	340 N	0.02	No	maximum < SCTL
7440-62-2	Vanadium	3/3	7.2	46SB2901	5.83	67 N	0.1	No	maximum < SCTL
7440-66-6	Zinc	3/3	137	46SB3101	16.9	26000 N	0.005	No	maximum < SCTL
Petroleum Hydrocarbons (mg/kg)									
	Total Petroleum Hydrocarbons	1/3	110	46SB3101	NA	460	0.2	No	maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemic is less than the background value, that chemical was not selected as a COPC.

2 - Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.

3 - A chemical is selected as a potential COC if the maximum concentration exceeds the non-apportioned SCTL and, for metals, if the site concentrations exceed background levels.

NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.

J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-7
FLORIDA LEVEL 2 (INDUSTRIAL) DIRECT CONTACT EVALUATION - SURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value[1]	Non-Apportioned Florida Industrial SCTL-Direct Contact[2]	Ratio of Maximum Concentration/ Non-apportioned Industrial SCTL	Is Chemical a Potential Level 2 COC?[3]	Rationale/Comments
Volatile Organic Compounds (ug/kg)									
95-50-1	1,2-Dichlorobenzene	1/13	170 J	46SB3401	NA	5000000 N	0.00003	No	maximum < SCTL
106-46-7	1,4-Dichlorobenzene	1/13	110 J	46SB3401	NA	9900 N	0.01	No	maximum < SCTL
67-64-1	Acetone	3/3	26000 J	46SB2901	NA	68000000 N	0.0004	No	maximum < SCTL
74-87-3	Chloromethane	6/13	280 J	46SB3301	NA	5700 N	0.05	No	maximum < SCTL
127-18-4	Tetrachloroethene	2/15	100 J	46SB3401	NA	18000 C	0.006	No	maximum < SCTL
79-01-6	**Trichloroethene**	7/16	150000 J	46SB2901	NA	9300 C	**16**	**Yes**	maximum > SCTL
Semivolatile Organic Compounds (ug/kg)									
91-57-6	2-Methylnaphthalene	2/3	13 J	46SB3101	NA	2100000 N	0.000006	No	maximum < SCTL
208-96-8	Acenaphthylene	1/3	2 J	46SB3101	NA	20000000 N	0.0000001	No	maximum < SCTL
120-12-7	Anthracene	1/3	2 J	46SB2901	NA	300000000 N	7E-09	No	maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/3	19 J	46SB2901	NA	52000000 N	0.0000004	No	maximum < SCTL
206-44-0	Fluoranthene	3/3	24	46SB3101	NA	59000000 N	0.0000004	No	maximum < SCTL
86-73-7	Fluorene	1/3	0.8 J	46SB2901	NA	33000000 N	0.0000000	No	maximum < SCTL
91-20-3	Naphthalene	2/3	40	46SB3101	NA	300000 N	0.0001	No	maximum < SCTL
85-01-8	Phenanthrene	3/3	17 J	46SB2901	NA	36000000 N	0.0000005	No	maximum < SCTL
108-95-2	Phenol	1/3	360 J	46SB2901	NA	220000000 N	0.000002	No	maximum < SCTL
129-00-0	Pyrene	3/3	34	46SB3101	NA	45000000 N	0.0000008	No	maximum < SCTL
	Carcinogenic PAHs	3/3	33.4	46SB3101	NA	700 C	0.05	No	maximum < SCTL
Pesticides/PCBs (ug/kg)									
11096-82-5	Aroclor-1260	1/3	360	46SB3101	NA	2600 C	0.1	No	maximum < SCTL
Metals (mg/kg)									
7429-90-5	Aluminum	27/31	24500	46SB0801	3833	NA	(4)	No	(4)
7440-38-2	Arsenic	3/3	2.1	46SB3101	1.56	12 C	0.2	No	maximum < SCTL
7440-39-3	Barium	3/3	35.5	46SB2901	4.63	130000 N	0.0003	No	maximum < SCTL
7440-43-9	Cadmium	1/3	1.2	46SB3101	1	1700 N	0.0007	No	maximum < SCTL
7440-47-3	Chromium	3/3	28.2	46SB3101	6.13	470 N	0.06	No	maximum < SCTL
7440-48-4	Cobalt	2/3	0.7	46SB3101	1.87	42000 N	0.00002	No	maximum < SCTL
7440-50-8	Copper	3/3	13.5	46SB3101	5.74	89000 N	0.0002	No	maximum < SCTL
7439-89-6	Iron	31/31	13700	46SB0801	2745	NA	(4)	No	(4)
7439-92-1	Lead	31/31	619	46SB2101	7.32	1400	0.4	No	maximum < SCTL
7439-96-5	Manganese	3/3	26.9 J	46SB3101	21	43000 N	0.0006	No	maximum < SCTL
7439-97-6	Mercury	2/3	0.09	46SB3001	0.1	17 N	0.005	No	maximum < SCTL
7440-02-0	Nickel	3/3	5.8	46SB3101	6.38	35000 N	0.0002	No	maximum < SCTL
7440-62-2	Vanadium	3/3	7.2	46SB2901	5.83	10000 N	0.0007	No	maximum < SCTL
7440-66-6	Zinc	3/3	137	46SB3101	16.9	630000 N	0.0002	No	maximum < SCTL
Petroleum Hydrocarbons (mg/kg)									
	Total Petroleum Hydrocarbons	1/3	110	46SB3101	NA	2700	0.04	No	maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemi is less than the background value, that chemical was not selected as a COPC.

2 - Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.

3 - A chemical is selected as a potential COC if the maximum concentration exceeds the non-apportioned SCTL and, for metals, if the site concentrations exceed background levels.

4 - Chemical is not a health concern for this exposure scenario.

NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.

J - Estimated concentration less than laboratory

TABLE 6-8
FLORIDA LEVEL 3 (RECREATIONAL) DIRECT CONTACT EVALUATION - SURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Exposure Point Concentration[1]	Sample of Maximum Concentration	Background Value[2]	Non-Apportioned Florida Recreational SCTL-Direct Contact[3]	Ratio of Maximum Concentration/ Non-apportioned Recreational SCTL	Target Organ[4]	Simple Apportioned Florida Recreational SCTL-Direct Contact[5]	Is Maximum Concentration /Apportioned Recreational SCTL Ratio > 3?	Is Chemical a Potential Level 3 COC?[6]	Rationale/Comments
Volatile Organic Compounds (ug/kg)													
95-50-1	1,2-Dichlorobenzene	1/13	170 J	170	46SB3401	NA	47000000 N	0.000004	Body Weight	47000000	No	No	Maximum < SCTL
106-46-7	1,4-Dichlorobenzene	1/13	110 J	110	46SB3401	NA	78000000 N	0.000001	Carcinogen, Liver	78000000	No	No	Maximum < SCTL
67-64-1	Acetone	3/3	26000 J	26000	46SB2901	NA	800000000 N	0.00003	Kidney, Liver, Neurological	800000000	No	No	Maximum < SCTL
74-87-3	Chloromethane	6/13	280 J	92.7	46SB3301	NA	3800000 N	0.00007	Carcinogen, Neuorological	3800000	No	No	Maximum < SCTL
127-18-4	Tetrachloroethene	2/15	100 J	100	46SB3401	NA	12000 C	0.008	Carcinogen, Liver	12000	No	No	Maximum < SCTL
79-01-6	Trichloroethene	7/16	150000 J	38000	46SB2901	NA	120000 C	**1.3**	Carcinogen, Liver	120000	No	No	EPC < Simple Apportioned SCTL
Semivolatile Organic Compounds (ug/kg)													
91-57-6	2-Methylnaphthalene	2/3	13 J	13	46SB3101	NA	12000000 N	0.000001	Nasal	12000000	No	No	Maximum < SCTL
208-96-8	Acenaphthylene	1/3	2 J	2	46SB3101	NA	190000000 N	0.000000	Liver	190000000	No	No	Maximum < SCTL
120-12-7	Anthracene	1/3	2 J	2	46SB2901	NA	1000000000 N	0.000000	Liver	1000000000	No	No	Maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/3	19 J	19	46SB2901	NA	110000000 N	0.0000002	Neurological	110000000	No	No	Maximum < SCTL
206-44-0	Fluoranthene	3/3	24	24	46SB3101	NA	64000000 N	0.0000004	Blood, Kidney. Liver	64000000	No	No	Maximum < SCTL
86-73-7	Fluorene	1/3	0.8 J	0.8	46SB2901	NA	140000000 N	0.000000	Blood	140000000	No	No	Maximum < SCTL
91-20-3	Naphthalene	2/3	40	40	46SB3101	NA	4400000 N	0.000009	Nasal	4400000	No	No	Maximum < SCTL
85-01-8	Phenanthrene	3/3	17 J	17	46SB2901	NA	110000000 N	0.0000002	Kidney	110000000	No	No	Maximum < SCTL
108-95-2	Phenol	1/3	360 J	360	46SB2901	NA	500000000 N	0.0000007	Developmental	500000000	No	No	Maximum < SCTL
129-00-0	Pyrene	3/3	34	34	46SB3101	NA	110000000 N	0.0000003	Kidney	110000000	No	No	Maximum < SCTL
	Carcinogenic PAHs	3/3	33.4	33.4	46SB3101	NA	830 C	0.04	Carcinogen	830	No	No	Maximum < SCTL
Pesticides/PCBs (ug/kg)													
11096-82-5	Aroclor-1260	1/3	360	360	46SB3101	NA	2800 C	0.1	Carcinogen, Immunological	2800	No	No	Maximum < SCTL
Metals (mg/kg)													
7429-90-5	Aluminum	27/31	24500	12600	46SB0801	3833	3510000 N	0.007	Body Weight	3510000	No	No	Maximum < SCTL
7440-38-2	Arsenic	3/3	2.1	2.1	46SB3101	1.56	6.2 C	0.3	Carcinogen, Cardiovascular, Skin	6.2	No	No	EPC < SCTL
7440-39-3	Barium	3/3	35.5	35.5	46SB2901	4.63	251000 N	0.0001	Cardiovascular	251000	No	No	Maximum < SCTL
7440-43-9	Cadmium	1/3	1.2	1.2	46SB3101	1	1310 N	0.0009	Carcinogen, Kidney	1310	No	No	Maximum < SCTL
7440-47-3	Chromium	3/3	28.2	28.2	46SB3101	6.13	10900 N	0.003	Carcinogen, Respiratory	10900	No	No	Maximum < SCTL
7440-48-4	Cobalt	2/3	0.7	0.7	46SB3101	1.87	64300 N	0.00001	Cardiovascular, Immunological, Neurological, Reproductive	64300	No	No	Maximum < SCTL
7440-50-8	Copper	3/3	13.5	13.5	46SB3101	5.74	146000 N	0.00009	Gastrointestinal	146000	No	No	Maximum < SCTL
7439-89-6	Iron	31/31	13700	7920	46SB0801	2745	1090000 N	0.01	Gastrointestinal	1090000	No	No	Maximum < SCTL
7439-92-1	Lead	31/31	619	161	46SB2101	7.32	3000	0.2	Neurological	3000	No	No	Maximum < SCTL
7439-96-5	Manganese	3/3	26.9 J	26.9	46SB3101	21	69300 N	0.0004	Neurological	69300	No	No	Maximum < SCTL
7439-97-6	Mercury	2/3	0.09	0.09	46SB3001	0.1	1100 N	0.00008	Neurological	1100	No	No	Maximum < SCTL
7440-02-0	Nickel	3/3	5.8	5.8	46SB3101	6.38	73000 N	0.00008	Body Weight	73000	No	No	Maximum < SCTL
7440-62-2	Vanadium	3/3	7.2	7.2	46SB2901	5.83	3650 N	0.002	Hair Loss	3650	No	No	Maximum < SCTL
7440-66-6	Zinc	3/3	137	137	46SB3101	16.9	1090000 N	0.0001	Blood	1090000	No	No	Maximum < SCTL
Petroleum Hydrocarbons (mg/kg)													
	Total Petroleum Hydrocarbons	1/3	110	110	46SB3101	NA	25400 N	0.004	Multiple Endpoints	25400	No	No	Maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:

1 - Exposure point concentrations (EPCs) are maximum concentrations or 95 % upper confidence limits (UCLs) on the arithmetic mean as determined by statistical tests and calculations performed by Florida's UCL Calculator.
2 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
3 - SCTLs for recreational users were developed using the methods presented in Chapter 62-777, FAC, April 2005 and the most current toxicological data available in IRIS. The recreational users are assumed to be exposed 45 days per year by ingestion, inhalation, and dermal contact. Calculations of the recreational SCTLs are presented in Appendix D.
4 - Target organs are obtained from Table II, Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.
5 - Values of the simple apportioned SCTLs are determined by dividing the non-apportioned SCTL by the number carcinogenic chemicals or by the number of chemicals impacting the same target organ for noncarcinogens as defined by Chapter 62-777 F.A.C. Chemicals with maximum concentrations less than 0.1 of the non-apportioned SCTL are not included in the apportionment process.
6 - A chemical is selected as a potential COC if the maximum concentration is greater than 3 times the non-apportioned SCTL or if the EPC is greater than the apportioned SCTL, and, for metals, if the site concentrations exceed background levels.
NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.
J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-9
COMPARISON WITH SCTLS FOR LEACHABILITY TO GROUNDWATER AND C_{SAT} LIMITS - SURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value[1]	Florida Leachability to Groundwater[2]	Soil Saturation Limit, C_{SAT}[3]
Volatile Organic Compounds (ug/kg)							
95-50-1	1,2-Dichlorobenzene	1/13	170 J	46SB3401	NA	17000	590000
106-46-7	1,4-Dichlorobenzene	1/13	110 J	46SB3401	NA	2200	---
67-64-1	Acetone	3/3	26000 J	46SB2901	NA	**25000**	---
74-87-3	Chloromethane	6/13	280 J	46SB3301	NA	**10**	1100000
127-18-4	Tetrachloroethene	2/15	100 J	46SB3401	NA	**30**	230000
79-01-6	Trichloroethene	7/16	150000 J	46SB2901	NA	**30**	1300000
Semivolatile Organic Compounds (ug/kg)							
91-57-6	2-Methylnaphthalene	2/3	13 J	46SB3101	NA	8500	---
208-96-8	Acenaphthylene	1/3	2 J	46SB3101	NA	27000	---
120-12-7	Anthracene	1/3	2 J	46SB2901	NA	2500000	---
191-24-2	Benzo(g,h,i)perylene	3/3	19 J	46SB2901	NA	32000000	---
206-44-0	Fluoranthene	3/3	24	46SB3101	NA	1200000	---
86-73-7	Fluorene	1/3	0.8 J	46SB2901	NA	160000	---
91-20-3	Naphthalene	2/3	40	46SB3101	NA	1200	---
85-01-8	Phenanthrene	3/3	17 J	46SB2901	NA	250000	---
108-95-2	Phenol	1/3	360 J	46SB2901	NA	**50**	---
129-00-0	Pyrene	3/3	34	46SB3101	NA	880000	---
	Carcinogenic PAHs	3/3	33.4	46SB3101	NA	8000	---
Pesticides/PCBs (ug/kg)							
11096-82-5	Aroclor-1260	1/3	360	46SB3101	NA	17000	---
Metals (mg/kg)							
7429-90-5	Aluminum	27/31	24500	46SB0801	**3833**	NA	---
7440-38-2	Arsenic	3/3	2.1	46SB3101	**1.56**	NA	---
7440-39-3	Barium	3/3	35.5	46SB2901	**4.63**	1600	---
7440-43-9	Cadmium	1/3	1.2	46SB3101	**1**	7.5	---
7440-47-3	Chromium	3/3	28.2	46SB3101	**6.13**	38	---
7440-48-4	Cobalt	2/3	0.7	46SB3101	1.87	NA	---
7440-50-8	Copper	3/3	13.5	46SB3101	**5.74**	NA	---
7439-89-6	Iron	31/31	13700	46SB0801	**2745**	NA	---
7439-92-1	Lead	31/31	619	46SB2101	**7.32**	NA	---
7439-96-5	Manganese	3/3	26.9 J	46SB3101	**21**	NA	---

TABLE 6-9
COMPARISON WITH SCTLS FOR LEACHABILITY TO GROUNDWATER AND C_{SAT} LIMITS - SURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value(1)	Florida Leachability to Groundwater(2)	Soil Saturation Limit, C_{SAT}(3)
7439-97-6	Mercury	2/3	0.09	46SB3001	0.1	2.1	---
7440-02-0	Nickel	3/3	5.8	46SB3101	6.38	130	---
7440-62-2	Vanadium	3/3	7.2	46SB2901	**5.83**	980	---
7440-66-6	Zinc	3/3	137	46SB3101	**16.9**	NA	---
Petroleum Hydrocarbons (mg/kg)							
	Total Petroleum Hydrocarbons	1/3	110	46SB3101	NA	340	---

Shaded cells indicate that the specified criterion or background level has been exceeded.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
2 - Soil Cleanup Target Levels (SCTLs) for Leachability Based on Groundwater Criteria, Table 2, Chapter 62-777 Technical Report (FDEP, February 2005).
3 - Soil Saturation Limits (C_{SAT}), Table 8, Chapter 62-777 Technical Report (FDEP, February 2005).
NA - Not Applicable. According to proposed Florida Rule 62-780, only naturally occurring (inorganic) constituents are considered in the background evaluation.
J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-10
FLORIDA LEVEL 1 (RESIDENTIAL) DIRECT CONTACT EVALUATION - SUBSURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration(1)	Sample of Maximum Concentration	Background Value(1)	Non-Apportioned Florida Residential SCTL-Direct Contact(2)	Ratio of Maximum Concentration/ Non-apportioned Residential SCTL	Is Chemical a Potential Level 1 COC?(3)	Rationale/Comments
Volatile Organic Compounds (ug/kg)									
71-55-6	1,1,1-Trichloroethane	4/31	220 J	46SB3302	NA	730000 N	0.0003	No	maximum < SCTL
120-82-1	1,2,4-Trichlorobenzene	2/32	45 J	46SB3403	NA	660000 N	0.00007	No	maximum < SCTL
95-50-1	1,2-Dichlorobenzene	3/32	590	46SB3403	NA	880000 N	0.0007	No	maximum < SCTL
541-73-1	1,3-Dichlorobenzene	2/32	22 J	46SB3403	NA	380000 N	0.00006	No	maximum < SCTL
106-46-7	1,4-Dichlorobenzene	2/32	180 J	46SB3403	NA	6400 N	0.03	No	maximum < SCTL
67-64-1	Acetone	5/5	19 J	46SB2902	NA	11000000 N	0.000002	No	maximum < SCTL
74-87-3	Chloromethane	7/31	420 J	46SB3302	NA	4000 N	0.1	No	maximum < SCTL
156-59-2	cis-1,2-Dichloroethene	2/26	650 J	46SB3302	NA	33000 N	0.02	No	maximum < SCTL
75-09-2	Methylene Chloride	4/32	1800 J	46SB3302	NA	17000 C	0.1	No	maximum < SCTL
127-18-4	Tetrachloroethene	9/31	150 J	46SB3302	NA	8800 C	0.02	No	maximum < SCTL
79-01-6	**Trichloroethene**	15/32	26000	46SB3302	NA	6400 C	**4.1**	**Yes**	maximum > SCTL
Semivolatile Organic Compounds (ug/kg)									
91-57-6	2-Methylnaphthalene	5/6	9 J	46SB3102	NA	210000 N	0.00004	No	maximum < SCTL
208-96-8	Acenaphthylene	2/6	3 J	46SB3003	NA	1800000 N	0.000002	No	maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/6	17 J	46SB3003, 46SB3103	NA	2500000 N	0.000007	No	maximum < SCTL
84-74-2	di-n-Butyl Phthalate	1/6	99 J	46SB3103	NA	8200000 N	0.00001	No	maximum < SCTL
206-44-0	Fluoranthene	6/6	60	46SB3003	NA	3200000 N	0.00002	No	maximum < SCTL
91-20-3	Naphthalene	4/6	34	46SB3102	NA	55000 N	0.0006	No	maximum < SCTL
85-01-8	Phenanthrene	6/6	21 J	46SB3003	NA	2200000 N	0.000010	No	maximum < SCTL
129-00-0	Pyrene	6/6	47	46SB3003	NA	2400000 N	0.00002	No	maximum < SCTL
	Carcinogenic PAHs	6/6	45	46SB3103	NA	100 C	0.5	No	maximum < SCTL
Pesticides/PCBs (ug/kg)									
11096-82-5	Aroclor-1260	2/6	50	46SB3102	NA	500 C	0.1	No	maximum < SCTL
Metals (mg/kg)									
7429-90-5	Aluminum	43/52	7680	46SB2602	3833	80000 N	0.10	No	maximum < SCTL
7440-36-0	Antimony	1/6	0.44	46SB3103	9.49	27 N	0.02	No	maximum < SCTL
7440-38-2	**Arsenic**	6/6	2.4	46SB3102	1.56	2.1 C	**1.1**	**Yes**	maximum > SCTL
7440-39-3	Barium	6/6	56.2	46SB2902	4.63	120 N	0.5	No	maximum < SCTL
7440-43-9	Cadmium	2/6	2.4	46SB3102	1	82 N	0.03	No	maximum < SCTL
7440-47-3	Chromium	5/6	23.3	46SB3102	6.13	210 N	0.1	No	maximum < SCTL
7440-48-4	Cobalt	3/6	0.52	46SB2902	1.87	1700 C	0.0003	No	maximum < SCTL
7440-50-8	Copper	6/6	111	46SB3103	5.74	150 N	0.7	No	maximum < SCTL
7439-89-6	Iron	52/52	5390	46SB2602	2745	53000 N	0.1	No	maximum < SCTL
7439-92-1	Lead	52/52	286	46SB1802	7.32	400	0.7	No	maximum < SCTL
7439-96-5	Manganese	6/6	14 J	46SB3102	21	3500 N	0.004	No	maximum < SCTL
7439-97-6	Mercury	4/6	0.29	46SB3003	0.1	3 N	0.10	No	maximum < SCTL
7440-02-0	Nickel	4/6	2.6	46SB3102	6.38	340 N	0.008	No	maximum < SCTL
7440-62-2	Vanadium	5/6	2.6	46SB3102	5.83	67 N	0.04	No	maximum < SCTL
7440-66-6	Zinc	6/6	140	46SB3102	16.9	26000 N	0.005	No	maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.

2 - Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Florida Department of Environmental Protection (FDEP), April 2005.

3 - A chemical is selected as a potential COC if the maximum concentration exceeds the non-apportioned SCTL and, for metals, if the site concentrations exceed background levels.

NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.

J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-11
FLORIDA LEVEL 2 (INDUSTRIAL) DIRECT CONTACT EVALUATION - SUBSURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value[1]	Non-Apportioned Florida Industrial SCTL-Direct Contact[2]	Ratio of Maximum Concentration/ Non-apportioned Industrial SCTL	Is Chemical a Potential Level 2 COC?[3]	Rationale/Comments
Volatile Organic Compounds (ug/kg)									
71-55-6	1,1,1-Trichloroethane	4/31	220 J	46SB3302	NA	3900000 N	0.00006	No	maximum < SCTL
120-82-1	1,2,4-Trichlorobenzene	2/32	45 J	46SB3403	NA	8500000 N	0.000005	No	maximum < SCTL
95-50-1	1,2-Dichlorobenzene	3/32	590	46SB3403	NA	5000000 N	0.0001	No	maximum < SCTL
541-73-1	1,3-Dichlorobenzene	2/32	22 J	46SB3403	NA	2200000 N	0.00001	No	maximum < SCTL
106-46-7	1,4-Dichlorobenzene	2/32	180 J	46SB3403	NA	9900 N	0.02	No	maximum < SCTL
67-64-1	Acetone	5/5	19 J	46SB2902	NA	68000000 N	0.0000003	No	maximum < SCTL
74-87-3	Chloromethane	7/31	420 J	46SB3302	NA	5700 N	0.07	No	maximum < SCTL
156-59-2	cis-1,2-Dichloroethene	2/26	650 J	46SB3302	NA	180000 N	0.004	No	maximum < SCTL
75-09-2	Methylene Chloride	4/32	1800 J	46SB3302	NA	26000 C	0.07	No	maximum < SCTL
127-18-4	Tetrachloroethene	9/31	150 J	46SB3302	NA	18000 C	0.008	No	maximum < SCTL
79-01-6	**Trichloroethene**	15/32	26000	46SB3302	NA	9300 C	**2.8**	**Yes**	maximum > SCTL
Semivolatile Organic Compounds (ug/kg)									
91-57-6	2-Methylnaphthalene	5/6	9 J	46SB3102	NA	2100000 N	0.000004	No	maximum < SCTL
208-96-8	Acenaphthylene	2/6	3 J	46SB3003	NA	20000000 N	0.0000002	No	maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/6	17 J	46SB3003, 46SB3103	NA	52000000 N	0.0000003	No	maximum < SCTL
84-74-2	di-n-Butyl Phthalate	1/6	99 J	46SB3103	NA	170000000 N	0.0000006	No	maximum < SCTL
206-44-0	Fluoranthene	6/6	60	46SB3003	NA	59000000 N	0.000001	No	maximum < SCTL
91-20-3	Naphthalene	4/6	34	46SB3102	NA	300000 N	0.0001	No	maximum < SCTL
85-01-8	Phenanthrene	6/6	21 J	46SB3003	NA	36000000 N	0.0000006	No	maximum < SCTL
129-00-0	Pyrene	6/6	47	46SB3003	NA	45000000 N	0.000001	No	maximum < SCTL
	Carcinogenic PAHs	6/6	45	46SB3103	NA	700 C	0.06	No	maximum < SCTL
Pesticides/PCBs (ug/kg)									
11096-82-5	Aroclor-1260	2/6	50	46SB3102	NA	2600 C	0.02	No	maximum < SCTL
Metals (mg/kg)									
7429-90-5	Aluminum	43/52	7680	46SB2602	3833	---	(4)	No	(4)
7440-36-0	Antimony	1/6	0.44	46SB3103	9.49	370 N	0.001	No	maximum < SCTL
7440-38-2	Arsenic	6/6	2.4	46SB3102	1.56	12 C	0.2	No	maximum < SCTL
7440-39-3	Barium	6/6	56.2	46SB2902	4.63	130000 N	0.0004	No	maximum < SCTL
7440-43-9	Cadmium	2/6	2.4	46SB3102	1	1700 N	0.001	No	maximum < SCTL
7440-47-3	Chromium	5/6	23.3	46SB3102	6.13	470 N	0.05	No	maximum < SCTL
7440-48-4	Cobalt	3/6	0.52	46SB2902	1.87	42000 C	0.00001	No	maximum < SCTL
7440-50-8	Copper	6/6	111	46SB3103	5.74	89000 N	0.001	No	maximum < SCTL
7439-89-6	Iron	52/52	5390	46SB2602	2745	---	(4)	No	(4)
7439-92-1	Lead	52/52	286	46SB1802	7.32	1400	0.2	No	maximum < SCTL
7439-96-5	Manganese	6/6	14 J	46SB3102	21	43000 N	0.0003	No	maximum < SCTL
7439-97-6	Mercury	4/6	0.29	46SB3003	0.1	17 N	0.02	No	maximum < SCTL
7440-02-0	Nickel	4/6	2.6	46SB3102	6.38	35000 N	0.00007	No	maximum < SCTL
7440-62-2	Vanadium	5/6	2.6	46SB3102	5.83	10000 N	0.0003	No	maximum < SCTL
7440-66-6	Zinc	6/6	140	46SB3102	16.9	630000 N	0.0002	No	maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.

2 - Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.

3 - A chemical is selected as a potential COC if the maximum concentration exceeds the non-apportioned SCTL and, for metals, if the site concentrations exceed background levels.

4 - Chemical is not a health concern for this exposure scenario.

NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.

J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-12
FLORIDA LEVEL 3 (RECREATIONAL) DIRECT CONTACT EVALUATION - SUBSURFACE SOIL
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Exposure Point Concentration[1]	Sample of Maximum Concentration	Background Value[2]	Non-Apportioned Florida Recreational SCTL-Direct Contact[3]	Ratio of Maximum Concentration/ Non-apportioned Recreational SCTL	Target Organ[4]	Simple Apportioned Florida Recreational SCTL-Direct Contact[5]	Is Maximum Concentration /Apportioned Recreational SCTL Ratio > 3?	Is Chemical a Potential Level 3 COC?[6]	Rationale/Comments
Volatile Organic Compounds (ug/kg)													
71-55-6	1,1,1-Trichloroethane	4/31	220 J	46	46SB3302	NA	120000000 N	0.000002	None Specified	120000000	No	No	maximum < SCTL
120-82-1	1,2,4-Trichlorobenzene	2/32	45 J	45	46SB3403	NA	3600000 N	0.00001	Adrenals	3600000	No	No	maximum < SCTL
95-50-1	1,2-Dichlorobenzene	3/32	590	130	46SB3403	NA	47000000 N	0.00001	Body Weight	47000000	No	No	maximum < SCTL
541-73-1	1,3-Dichlorobenzene	2/32	22 J	22	46SB3403	NA	110000000 N	0.0000002	None Specified	110000000	No	No	maximum < SCTL
106-46-7	1,4-Dichlorobenzene	2/32	180 J	180	46SB3403	NA	78000000 N	0.000002	Carcinogen, Liver	78000000	No	No	maximum < SCTL
67-64-1	Acetone	5/5	19 J	19	46SB2902	NA	800000000 N	0.00000002	Kidney, Liver, Neurological	800000000	No	No	maximum < SCTL
74-87-3	Chloromethane	7/31	420 J	82	46SB3302	NA	3800000 N	0.0001	Carcinogen, Neuorological	3800000	No	No	maximum < SCTL
156-59-2	cis-1,2-Dichloroethene	2/26	650 J	650	46SB3302	NA	2500000 N	0.0003	Blood	2500000	No	No	maximum < SCTL
75-09-2	Methylene Chloride	4/32	1800 J	400	46SB3302	NA	290000 C	0.006	Carcinogen, Liver	290000	No	No	maximum < SCTL
127-18-4	Tetrachloroethene	9/31	150 J	34	46SB3302	NA	12000 C	0.01	Carcinogen, Liver	12000	No	No	maximum < SCTL
79-01-6	Trichloroethene	15/32	26000	4200	46SB3302	NA	120000 C	0.2	Carcinogen, Liver	120000	No	No	maximum < SCTL
Semivolatile Organic Compounds (ug/kg)													
91-57-6	2-Methylnaphthalene	5/6	9 J	9	46SB3102	NA	12000000 N	0.0000008	Nasal	12000000	No	No	maximum < SCTL
208-96-8	Acenaphthylene	2/6	3 J	3	46SB3003	NA	190000000 N	0.0000000	Liver	190000000	No	No	maximum < SCTL
191-24-2	Benzo(g,h,i)perylene	3/6	17 J	17	46SB3003, 46SB3103	NA	110000000 N	0.0000002	Neurological	110000000	No	No	maximum < SCTL
84-74-2	di-n-Butyl Phthalate	1/6	99 J	99	46SB3103	NA	180000 N	0.0006	Mortality	180000	No	No	maximum < SCTL
206-44-0	Fluoranthene	6/6	60	60	46SB3003	NA	64000000 N	0.0000009	Blood, Kidney. Liver	64000000	No	No	maximum < SCTL
91-20-3	Naphthalene	4/6	34	34	46SB3102	NA	4400000 N	0.000008	Nasal	4400000	No	No	maximum < SCTL
85-01-8	Phenanthrene	6/6	21 J	21	46SB3003	NA	110000000 N	0.0000002	Kidney	110000000	No	No	maximum < SCTL
129-00-0	Pyrene	6/6	47	47	46SB3003	NA	110000000 N	0.0000004	Kidney	110000000	No	No	maximum < SCTL
	Carcinogenic PAHs	6/6	45	45	46SB3103	NA	830 C	0.05	Carcinogen	830	No	No	maximum < SCTL
Pesticides/PCBs (ug/kg)													
11096-82-5	Aroclor-1260	2/6	50	50	46SB3102	NA	2800 C	0.02	Carcinogen, Immunological	2800	No	No	maximum < SCTL
Metals (mg/kg)													
7429-90-5	Aluminum	43/52	7680	1420	46SB2602	3833	3510000 N	0.002	Body Weight	3510000	No	No	maximum < SCTL
7440-36-0	Antimony	1/6	0.44	0.44	46SB3103	9.49	1460 N	0.0003	Blood	1460	No	No	maximum < SCTL
7440-38-2	Arsenic	6/6	2.4	2.4	46SB3102	1.56	6.2 C	0.4	Carcinogen, Cardiovascular, Skin	6.2	No	No	maximum < SCTL
7440-39-3	Barium	6/6	56.2	56.2	46SB2902	4.63	251000 N	0.0002	Cardiovascular	251000	No	No	maximum < SCTL
7440-43-9	Cadmium	2/6	2.4	2.4	46SB3102	1	1310 N	0.002	Carcinogen, Kidney	1310	No	No	maximum < SCTL
7440-47-3	Chromium	5/6	23.3	23.3	46SB3102	6.13	10900 N	0.002	Carcinogen, Respiratory	10900	No	No	maximum < SCTL
7440-48-4	Cobalt	3/6	0.52	0.52	46SB2902	1.87	64300 N	0.000008	Cardiovascular, Immunological, Neurological, Reproductive	64300	No	No	maximum < SCTL
7440-50-8	Copper	6/6	111	111	46SB3103	5.74	146000 N	0.0008	Gastrointestinal	146000	No	No	maximum < SCTL
7439-89-6	Iron	52/52	5390	1930	46SB2602	2745	1090000 N	0.005	Gastrointestinal	1090000	No	No	maximum < SCTL
7439-92-1	Lead	52/52	286	107	46SB1802	7.32	3000	0.10	Neurological	3000	No	No	maximum < SCTL
7439-96-5	Manganese	6/6	14 J	14	46SB3102	21	69300 N	0.0002	Neurological	69300	No	No	maximum < SCTL
7439-97-6	Mercury	4/6	0.29	0.29	46SB3003	0.1	1100 N	0.0003	Neurological	1100	No	No	maximum < SCTL
7440-02-0	Nickel	4/6	2.6	2.6	46SB3102	6.38	73000 N	0.00004	Body Weight	73000	No	No	maximum < SCTL
7440-62-2	Vanadium	5/6	2.6	2.6	46SB3102	5.83	3650 N	0.0007	Hair Loss	3650	No	No	maximum < SCTL
7440-66-6	Zinc	6/6	140	140	46SB3102	16.9	1090000 N	0.0001	Blood	1090000	No	No	maximum < SCTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

Footnotes:
1 - Exposure point concentrations (EPCs) are maximum concentrations or 95 % upper confidence limits (UCLs) on the arithmetic mean as determined by statistical tests and calculations performed by Florida's UCL Calculator.
2 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
3 - SCTLs for recreational users were developed using the methods presented in Chapter 62-777, FAC, April 2005 and the most current toxicological data available in IRIS. The recreational users are assumed to be exposed 45 days per year by ingestion, inhalation, and dermal contact. Calculations of the recreational SCTLs are presented in Appendix D.
4 - Target organs are obtained from Table II, Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.
5 - Values of the simple apportioned SCTLs are determined by dividing the non-apportioned SCTL by the number carcinogenic chemicals or by the number of chemicals impacting the same target organ for noncarcinogens as defined by Chapter 62-777 F.A.C. Chemicals with maximum concentrations less than 0.1 of the non-apportioned SCTL are not included in the apportionment process.
6 - A chemical is selected as a potential COC if the maximum concentration is greater than 3 times the non-apportioned SCTL or if the EPC is greater than the apportioned SCTL, and, for metals, if the site concentrations exceed background levels.
NA - Not Applicable. According to Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.
J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-13
COMPARISON WITH SCTLS FOR LEACHABILITY TO GROUNDWATER AND C_{SAT} LIMITS - SUBSURFACE SOIL
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value[1]	Florida Leachability to Groundwater[2]	Soil Saturation Limit, C_{SAT}[3]
Volatile Organic Compounds (ug/kg)							
71-55-6	1,1,1-Trichloroethane	4/31	220 J	46SB3302	NA	1900	1200000
120-82-1	1,2,4-Trichlorobenzene	2/32	45 J	46SB3403	NA	5300	370000
95-50-1	1,2-Dichlorobenzene	3/32	590	46SB3403	NA	17000	590000
541-73-1	1,3-Dichlorobenzene	2/32	22 J	46SB3403	NA	7000	600000
106-46-7	1,4-Dichlorobenzene	2/32	180 J	46SB3403	NA	2200	---
67-64-1	Acetone	5/5	19 J	46SB2902	NA	25000	---
74-87-3	Chloromethane	7/31	420 J	46SB3302	NA	**10**	1100000
156-59-2	cis-1,2-Dichloroethene	2/26	650 J	46SB3302	NA	**400**	1200000
75-09-2	Methylene Chloride	4/32	1800 J	46SB3302	NA	**20**	2400000
127-18-4	Tetrachloroethene	9/31	150 J	46SB3302	NA	**30**	230000
79-01-6	Trichloroethene	15/32	26000	46SB3302	NA	**30**	1300000
Semivolatile Organic Compounds (ug/kg)							
91-57-6	2-Methylnaphthalene	5/6	9 J	46SB3102	NA	8500	---
208-96-8	Acenaphthylene	2/6	3 J	46SB3003	NA	27000	---
191-24-2	Benzo(g,h,i)perylene	3/6	17 J	46SB3003, 46SB3103	NA	32000000	---
84-74-2	di-n-Butyl Phthalate	1/6	99 J	46SB3103	NA	47000	---
206-44-0	Fluoranthene	6/6	60	46SB3003	NA	1200000	---
91-20-3	Naphthalene	4/6	34	46SB3102	NA	1200	---
85-01-8	Phenanthrene	6/6	21 J	46SB3003	NA	250000	---
129-00-0	Pyrene	6/6	47	46SB3003	NA	880000	---
	Carcinogenic PAHs	6/6	45	46SB3103	NA	8000	---
Pesticides/PCBs (ug/kg)							
11096-82-5	Aroclor-1260	2/6	50	46SB3102	NA	17000	---
Metals (mg/kg)							
7429-90-5	Aluminum	43/52	7680	46SB2602	**3833**	---	---
7440-36-0	Antimony	1/6	0.44	46SB3103	9.49	5.4	---
7440-38-2	Arsenic	6/6	2.4	46SB3102	**1.56**	---	---
7440-39-3	Barium	6/6	56.2	46SB2902	**4.63**	1600	---
7440-43-9	Cadmium	2/6	2.4	46SB3102	**1**	7.5	---
7440-70-2	Calcium	6/6	2720	46SB3102	**912**	---	---
7440-47-3	Chromium	5/6	23.3	46SB3102	**6.13**	---	---

TABLE 6-13
COMPARISON WITH SCTLS FOR LEACHABILITY TO GROUNDWATER AND C_{SAT} LIMITS - SUBSURFACE SOIL
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration	Sample of Maximum Concentration	Background Value(1)	Florida Leachability to Groundwater(2)	Soil Saturation Limit, C_{SAT}(3)
7440-48-4	Cobalt	3/6	0.52	46SB2902	1.87	---	---
7440-50-8	Copper	6/6	111	46SB3103	**5.74**	---	---
7439-89-6	Iron	52/52	5390	46SB2602	**2745**	---	---
7439-92-1	Lead	52/52	286	46SB1802	**7.32**	---	---
7439-95-4	Magnesium	5/6	574	46SB3102	**133**	---	---
7439-96-5	Manganese	6/6	14 J	46SB3102	21	---	---
7439-97-6	Mercury	4/6	0.29	46SB3003	**0.1**	2.1	---
7440-02-0	Nickel	4/6	2.6	46SB3102	6.38	130	---
7440-23-5	Sodium	1/6	122	46SB3102	**108**	---	---
7440-62-2	Vanadium	5/6	2.6	46SB3102	5.83	980	---
7440-66-6	Zinc	6/6	140	46SB3102	**16.9**	---	---

Shaded cells indicate that the specified criterion or background level has been exceeded.

Footnotes:

1 - To determine whether metal concentrations were within background levels, soil concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
2 - Soil Cleanup Target Levels (SCTLs) for Leachability Based on Groundwater Criteria, Table 2, Chapter 62-777 Technical Report (FDEP, February 2005).
3 - Soil Saturation Limits (C_{SAT}), Table 8, Chapter 62-777 Technical Report (FDEP, February 2005).
NA - Not Applicable. According to proposed Florida Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.
J - Estimated concentration less than laboratory method quantitation limit.

TABLE 6-14
FLORIDA LEVEL 1 (RESIDENTIAL) DIRECT CONTACT EVALUATION - GROUNDWATER
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration[1]	Sample of Maximum Concentration	Background Value[4]	Non-Apportioned Florida Groundwater CTL[2]	Ratio of Maximum Concentration/ Non-apportioned Residential SCTL	Is Chemical a Potential Level 1 COC?[3]	Rationale for Contaminant Deletion or Selection
Volatile Organic Compounds (ug/L)									
67-64-1	Acetone	3/3	7 J	46GW1601	NA	6300 N	0.001	No	maximum < CTL
75-27-4	Bromodichloromethane	4/27	1.6	46GW0102	NA	**0.6 C**	3	**Yes**	maximum > CTL
75-15-0	Carbon Disulfide	1/26	0.4 J	46GW1401	NA	700 N	0.0006	No	maximum < CTL
124-48-1	Chlorodibromomethane	1/26	0.6 J	46GW1401-D	NA	**0.4 C**	2	**Yes**	maximum > CTL
67-66-3	Chloroform	3/26	6 J	46GW0101	NA	70 C	0.09	No	maximum < CTL
74-87-3	Chloromethane	9/26	1	46GW1501	NA	2.7 N	0.4	No	maximum < CTL
75-35-4	1,1-Dichloroethane	2/26	18	38GW3S01	NA	70 N	0.3	No	maximum < CTL
100-41-4	Ethylbenzene	1/26	0.4 J	46GW1901	NA	30 S	0.01	No	maximum < CTL
	M+p-Xylenes	1/26	2 J	46GW1901	NA	20 S	0.1	No	maximum < CTL
127-18-4	Tetrachloroethene	4/26	2	38GW3S01	NA	3 S	0.7	No	maximum < CTL
108-88-3	Toluene	1/26	2	46GW1901	NA	40 S	0.05	No	maximum < CTL
540-59-0	Total 1,2-Dichloroethene	3/26	19	38GW1301	NA	63 N	0.3	No	maximum < CTL
1330-20-7	Total Xylenes	1/26	3	46GW1901	NA	20 S	0.2	No	maximum < CTL
79-01-6	Trichloroethene	4/26	17	38GW1301	NA	**3 S**	6	**Yes**	maximum > CTL
156-59-2	cis-1,2-dichloroethene	3/26	18	38GW1301	NA	70 S	0.3	No	maximum < CTL
156-60-5	trans-1,2-dichloroethene	2/26	2 J	38GW1301	NA	100 S	0.02	No	maximum < CTL
75-01-4	Vinyl Chloride	2/26	4	38GW3S01	NA	**2 S**	2	**Yes**	maximum > CTL
95-47-6	o-Xylene	1/26	2	46GW1901	NA	20 S	0.1	No	maximum < CTL
Semivolatile Organic Compounds (ug/L)									
91-57-6	2-Methylnaphthalene	4/25	11 J	46GW1901	NA	28 N	0.4	No	maximum < CTL
83-32-9	Acenaphthene	3/25	0.3	46GW1301	NA	20 N	0.02	No	maximum < CTL
117-81-7	Bis(2-Ethylhexyl)phthalate	1/27	64	46GW1401	NA	**6 S**	11	**Yes**	maximum > CTL maximum/CTL ratio > 3
86-73-7	Fluorene	2/25	0.2	46GW1301, 46GW1901	NA	280 N	0.0007	No	maximum < CTL
91-20-3	Naphthalene	4/25	240	46GW1901	NA	**14 N**	17	**Yes**	maximum > CTL maximum/CTL ratio > 3
Pesticides/PCBs (ug/L)									
5103-71-9	Alpha-Chlordane	2/24	0.17	46GW0701	NA	2 S	0.09	No	maximum < CTL
5103-74-2	Gamma-Chlordane	1/24	0.14	46GW0701	NA	2 S	0.07	No	maximum < CTL
58-89-9	gamma-BHC (Lindane)	1/24	0.031 J	46GW1901	NA	0.2 S	0.2	No	maximum < CTL
Metals (ug/L)									
7429-90-5	Aluminum	8/26	16600 J	46GW1601	**3883**	**200 S**	83	**Yes**	maximum > CTL maximum/CTL ratio > 3
7440-38-2	Arsenic	14/26	13.3	46GW1901	**2.8**	**10 S**	1	**Yes**	maximum > CTL
7440-39-3	Barium	24/26	390	38GW1I01	**13.2**	2000 S	0.2	No	maximum < CTL
7440-41-7	Beryllium	4/26	0.74	38GW3I01	1.1	4 S	0.2	No	maximum < CTL, backgroun
7440-43-9	Cadmium	7/26	8.9	38GW0501	**3.4**	**5 S**	2	**Yes**	maximum > CTL
7440-47-3	Chromium	12/26	244	46GW1601	**35**	**100 S**	2	**Yes**	maximum > CTL
7440-48-4	Cobalt	5/26	3	38GW1S01	4.1	140 N	0.02	No	maximum < CTL, backgroun
7440-50-8	Copper	2/26	97.8 J	46GW2001-D	**16.2**	1000 S	0.10	No	maximum < CTL
7439-89-6	Iron	12/26	8220	46GW2001	**1708**	**300 S**	27	**Yes**	maximum > CTL maximum/CTL ratio > 3

TABLE 6-14
FLORIDA LEVEL 1 (RESIDENTIAL) DIRECT CONTACT EVALUATION - GROUNDWATER
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CAS Number	Chemical	Frequency of Detection	Maximum Concentration[1]	Sample of Maximum Concentration	Background Value[4]	Non-Apportioned Florida Groundwater CTL[2]	Ratio of Maximum Concentration/ Non-apportioned Residential SCTL	Is Chemical a Potential Level 1 COC?[3]	Rationale for Contaminant Deletion or Selection
7439-92-1	Lead	15/26	23.7	38GW1S01	**1.6**	**15 S**	2	**Yes**	maximum > CTL
7439-96-5	Manganese	22/26	505	38GW1S01	**21.9**	**50 S**	10	**Yes**	maximum > CTL
7440-02-0	Nickel	12/26	31.3	46GW1601	40	100 S	0.3	No	maximum < CTL, background
7782-49-2	Selenium	4/26	3.4 J	38GW3I01	3.9	50 S	0.07	No	maximum < CTL, background
7440-22-4	Silver	1/26	4.5	46GW0201	**4**	100 S	0.05	No	maximum < CTL
7440-62-2	Vanadium	10/26	377	46GW1601	**9.6**	**49 N**	8	**Yes**	maximum > CTL maximum/CTL ratio > 3
7440-66-6	Zinc	12/26	166	38GW0501	**153.2**	5000 S	0.03	No	maximum < CTL
Petroleum Hydrocarbons (ug/L)									
	Total Petroleum Hydrocarbons	7/26	3600	46GW1901	NA	5000 N	0.7	No	maximum < CTL

Shaded cells indicate that the specified criterion or background level has been exceeded or that the chemical has been selected as a potential COC.

1 - To determine whether metal concentrations were within background levels, groundwater concentrations were compared to facility background levels described in Section 6.1.1.1. If the maximum concentration of a chemical is less than the background value, that chemical was not selected as a COPC.
2 - Groundwater Cleanup Target Levels (GCTLs) for Chapter 62-777, FAC, Florida Department of Environmental Protection (FDEP), April 2005.
3 - A chemical is selected as a potential COC if the maximum concentration exceeds the non-apportioned CTL and, for metals, if the site concentrations exceed background levels. According to proposed Florida Rule 62-780 only naturally occurring (inorganic) constituents are considered in the background evaluation.

Definitions:

C = Carcinogen.
COC = Chemical of concern.
J = Estimated value.
NA = Not Applicable
N = Noncarcinogen.
NUT = Essential nutrient
S = Primary or secondary standard

approach, the reduction may be taken unevenly among the chemicals. This approach is useful if the chemicals are not co-located, and removal of one or more chemicals can be achieved more easily or more economically than the others. Risks can be distributed optimally among the apportioned SCTLs based on site conditions, as long as the sums of the risks they represent meet the goals of $1x10^{-6}$ excess cancer risk and a HI of 1.

Weighted apportionment is performed on a chemical by chemical basis when it is feasible and appropriate, as determined by the human health risk assessor. In practice, weighted apportionment is often an option when cumulative quantitative risk assessment results derived as described in preceding sections are less than FDEP risk benchmarks (i.e., a cancer risk estimate of $1x10^{-6}$ for carcinogens and an HI of 1 for noncarcinogens).

When the 95 percent UCL approach is used to develop exposure concentrations, two criteria must be satisfied when comparing site concentrations to the SCTLs, either default or alternative:

1) The 95 percent UCL must meet or be below the apportioned SCTL; and

2) The maximum concentration remaining on site must meet or be below a concentration three-times the unapportioned SCTL in RMO Levels I and II, and below three-times the apportioned SCTL in RMO III. Using the 95 percent UCL as the basis to determine whether the SCTL has been achieved for a site means that some areas can have concentrations above the SCTL, as long as other areas are below. In this context, it is important to insure that concentrations above the SCTL allowed to remain do not constitute an unacceptable health risk.

In the risk assessment for Site 46, SCTLs were apportioned (by simple apportionment) for RMO III. In the Level III evaluations, TCE was the only contaminant with its maximum concentration greater than the nonapportioned SCTL, but its EPC was less than the apportioned SCTL.

Comparison with Leachability-Based SCTLs

The potential for leaching was addressed through comparisons with SCTLs for Leachability Based on Groundwater Criteria (FDEP, 2005). Unlike direct contact SCTLs, which are based primarily on long-term exposure covering a specified area, leachability-based default SCTLs are intended to protect water resources at all locations. Consequently, maximum rather than average (or 95 percent UCL) concentrations are compared with leaching criteria. If the maximum concentration of a chemical exceeds its respective leachability SCTL, that chemical is identified as a potential COC.

Evaluation of Free Product in Soil.

The potential for the presence of free product (for organic chemicals) was evaluated by comparing maximum site concentrations to soil saturation C_{sat} limits. The C_{sat} values are provided in Table 8 of Chapter 62-777 FAC (FDEP, 2005). The C_{sat} comparisons indicated the concentrations of all organic chemicals detected in soil at the sites evaluated in this report were significantly less than the C_{sat} levels. Therefore, it is unlikely these chemicals are present as free product at any of the sites.

6.6.2 Florida Methodology for Evaluating Groundwater

This section describes the methodology used to evaluate groundwater at Site 46 using guidelines presented in Rules 62-780 and 62-777, FAC A detailed discussion of the FDEP approach for evaluating groundwater is presented in Appendix E of the Rule 62-777 Technical Report (FDEP, February 2005).

As with soil, the FDEP risk characterization for groundwater is performed by comparing concentrations of chemicals detected in groundwater with FDEP groundwater criteria (or to criteria developed according to guidelines presented in Chapters 62-777, if necessary). The GCTLs are based on primary and secondary standards (e.g., MCLs) or on human health risk-based criteria, assuming that the groundwater is used as a potable water source (and are based on ingestion only). For contaminants that do not produce cancer, the risk-based CTLs are calculated based on a HI of 1 and incorporate a default relative source contribution factor of 0.2. The relative source contribution factor means, in effect, that no more than 20 percent of the total allowable intake of the contaminant can come from contaminated water. For carcinogens, the default GCTL is based on an excess cancer risk of 1×10^{-6}.

Using the guidance provided in Rules 62-780 and 62-777, groundwater at Site 46 was evaluated for residential land use (RMO Level I). In RMO Level I, the applicable CTL is usually the default value for that contaminant in the groundwater as presented in Table 1 of the Technical Report. If groundwater has the potential to impact surface water, demonstrated by monitoring well data, groundwater flow rate and direction, or fate and transport modeling, the appropriate marine surface water or freshwater surface water CTL also applies to groundwater. However, based on this investigation, groundwater at Site 46 has little potential to impact a surface water body. Therefore, the groundwater evaluation is based on comparison to GCTLs only.

The following evaluations for Site 46 were performed according to Rules 62-777 and 62-780:

- ***Comparison of maximum detected concentrations to GCTLs***. Comparing the GCTLs to maximum detected groundwater concentrations is appropriate for Site 46. If the maximum detected concentration for a chemical exceeds the CTL (and background levels for metals), the constituent is identified as a potential COC for the site.

- ***Evaluation of free product in groundwater***. The potential for the presence of free product (for organic chemicals) was evaluated by comparing maximum site concentrations to water solubility values presented in Table 4, Chapter 62-777, FAC (FDEP, 2005). The water solubility comparisons indicated the concentrations of the few organic chemicals detected in groundwater at Site 46 in 2005 were significantly less than their respective water solubilities. Therefore, it is unlikely these chemicals are present as free product in groundwater at the site.

6.6.3 Risk Characterization Using State of Florida Guidelines

This section contains a summary of the results of the risk characterization for Site 46 conducted using guidelines presented in Florida Rule 62-780 FAC and the Rule 62-777 Technical Report. The results are summarized in Tables 6-6 through 6-14 and are discussed below.

6.6.3.1 Results of Surface Soil Evaluation – Florida Methodology

Level 1 Evaluation (Residential)

Table 6-6 presents a comparison of the maximum detected concentrations for surface soil to the FDEP residential SCTLs. TCE and lead were identified as exceeding the Level 1 SCTLs and were retained as potential COCs for residential exposures to surface soil at Site 46.

Level 2 (Industrial)

The results of the Level 1 evaluation identified two potential COCs; therefore, a Level 2 evaluation was conducted. A comparison of the maximum concentrations in surface soil to the FDEP industrial SCTLs is presented in Table 6-7. TCE was identified as exceeding the Level 2 SCTL, and was retained as a potential COC for industrial exposures to surface soil at Site 46.

Level 3 (Recreational)

The results of the Level 2 evaluation identified one potential COC; therefore, a Level 3 evaluation was conducted assuming a future recreational land use scenario for Site 46. Alternative SCTLs for recreational exposures were derived following the methodology presented in Section 6.3.3. A comparison of the maximum detected concentrations and EPCs for surface soil to the alternative CTLs is

presented in Table 6-8. As shown in the table, the EPCs for all constituents were less than the apportioned alternate SCTLs and the maximum concentration were less than three times the non-apportioned Level 3 alternative SCTLs. Therefore, no constituents were retained as potential COCs for recreational exposure to surface soil at Site 46.

Comparison of Chemicals in Surface Soil with Leachability SCTLs

Table 6-9 presents comparisons of maximum detected concentrations in surface soil with Florida criteria based on leachability to groundwater. As shown in the table, the following constituents had maximum concentrations which exceeded the leachability criteria:

- Acetone
- Chloromethane
- PCE
- TCE
- Phenol
- Aluminum
- Lead

Table 6-9 also presents comparisons of maximum concentrations with soil saturation concentrations to evaluate the potential for presence of free product. As shown in the table, the concentrations of organic compounds in surface soil were significantly less than the C_{sat} concentrations, indicating that free product is not present in surface soil.

6.6.3.2 Results of Subsurface Soil Evaluation – Florida Methodology

Level 1 Evaluation (Residential)

Table 6-10 presents a comparison of the maximum detected concentrations for subsurface soil to the FDEP residential SCTLs. TCE and arsenic were identified as exceeding the Level 1 SCTLs and were retained as potential COCs for residential exposures to subsurface soil at Site 46.

Level 2 (Industrial)

The results of the Level 1 evaluation identified two potential COCs; therefore, a Level 2 evaluation was conducted. A comparison of the maximum concentrations for subsurface soil to the FDEP industrial

SCTLs is presented in Table 6-11. TCE was identified as exceeding the Level 2 SCTL, and was retained as a potential COC for industrial exposures to subsurface soil at Site 46.

Level 3 (Recreational)

The results of the Level 2 evaluation identified one potential COC; therefore, a Level 3 evaluation was conducted assuming a future recreational land use scenario. Alternative SCTLs for recreational exposures were derived following the methodology presented in Section 6.3.3. A comparison of the maximum detected concentrations and EPCs for subsurface soil to the alternative CTLs is presented in Table 6-12. No constituents were identified as exceeding the Level 3 SCTLs.

Comparison of Chemicals in Subsurface Soil with Leachability SCTLs

Table 6-13 presents comparisons of maximum detected concentrations in subsurface soil with Florida criteria based on leachability to groundwater. Maximum concentrations of the following exceeded the leachability criteria:

- Chloromethane
- Cis-1,2-DCE
- Chloroform
- Methylene Chloride
- PCE
- TCE
- Lead

Table 6-13 also presents comparisons of maximum concentrations with soil saturation concentrations to evaluate the potential for presence of free product. As shown in the table, the concentrations of organic compounds in subsurface soil were significantly less than the C_{sat} concentrations, indicating that free product is not present in subsurface soil.

6.6.3.3 Results of Groundwater Evaluation – Florida Methodology

Level 1 Evaluation (Residential)

Groundwater was evaluated on for future residential use (Level 1). Table 6-14 presents a comparison of the maximum detected concentrations in groundwater to the FDEP GCTLs. The following chemicals were identified as exceeding the Level 1 CTLs and were retained as potential COCs for residential exposures to groundwater at Site 46:

- Bromodichloromethane
- Chlorodibromomethane
- TCE
- Vinyl Chloride
- Bis(2-ethylhexyl)phthalate
- Naphthalene
- Inorganics (aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, sodium, and vanadium)

The maximum detected concentrations of bis(2-ethylhexyl)phthalate, naphthalene, aluminum, arsenic, iron, and vanadium exceeded three times the GCTLs. Note that GCTLs for aluminum (200 µg/L), iron (300 µg/L), and manganese (50 µg/L) are secondary standards which are not based on health effects but on aesthetic effects, such as taste and odor. Also, bis(2-ethylhexyl)phthalate was only detected in one sample.

6.7 HUMAN HEALTH RISK UNCERTAINTY ANALYSIS

This section presents a summary of uncertainties inherent in the risk assessment and includes a discussion of how they may affect the quantitative risk estimates and conclusions of the risk analysis. The baseline HHRA for Site 46 was performed in accordance with current USEPA and Florida guidance. However, there are varying degrees of uncertainty associated with the baseline HHRA. The following sections discuss general uncertainties in risk assessment and uncertainties specific to the risk assessment for Site 46.

Uncertainty in the selection of COPCs was related to the current status of the predictive databases, the grouping of samples, the numbers, types and distributions of samples, data quality, and the procedures used to include or exclude constituents as COPCs. Uncertainty associated with the exposure assessment included the values used as input variables for a given intake route or scenario, the assumptions made to determine EPCs, and the predictions regarding future land use and population characteristics. Uncertainty in the toxicity assessment included the quality of the existing toxicity data needed to support dose-response relationships and the weight-of-evidence used to determine the carcinogenicity of COPCs. Uncertainty in risk characterization was associated with exposure to multiple chemicals and the cumulative uncertainty from combining conservative assumptions made in earlier steps of the risk assessment process.

Whereas there were various sources of random uncertainty and bias, the magnitude of bias and uncertainty and the direction of bias was influenced by the assumptions made throughout the risk

assessment including selection of COPCs and selection of values for dose-response relationships. Throughout the entire risk assessment assumptions that considered safety factors were made so that the final calculated risks were overestimated.

Generally, risk assessments carry two types of uncertainty: measurement and informational uncertainty. Measurement uncertainty refers to the usual variance that accompanies scientific measurements. For example, this type of uncertainty is associated with analytical data collected for each site. The risk assessment reflects the accumulated variances of the individual values used.

Informational uncertainty stems from inadequate availability of information needed to complete the toxicity and exposure assessments. Often, this gap is significant, such as the absence of information on the effects of human exposure to low doses of a chemical, the biological mechanism of action of a chemical, or the behavior of a chemical in soil.

Once the risk assessment is complete, the results must be reviewed and evaluated to identify the type and magnitude of uncertainty involved. Reliance on results from a risk assessment without consideration of uncertainties, limitations, and assumptions inherent in the process can be misleading. For example, to account for uncertainties in the development of exposure assumptions, conservative estimates were made to ensure that the particular assumptions were protective of sensitive subpopulations or the maximum exposed individuals. If a number of conservative assumptions are combined in an exposure model, the resulting calculations can propagate the uncertainties associated with those assumptions, thereby producing a much larger uncertainty for the final results. This uncertainty is biased toward overpredicting both carcinogenic and non-carcinogenic risks. Thus, both the results of the risk assessment and the uncertainties associated with those results must be considered when making risk management decisions.

This interpretation of uncertainty is especially relevant when the risks exceed the point of departure for defining "acceptable" risk. For example, when risks calculated using a high degree of uncertainty are less than an acceptable risk level (i.e., 10^{-6}), the interpretation of no significant risk is typically straightforward. However, when risks calculated using a high degree of uncertainty exceed an acceptable risk level (i.e., 10^{-4}); a conclusion can be difficult unless uncertainty is considered.

6.7.1 Uncertainty in Selection of COPCs

The most significant issues related to uncertainty in COPC selection were the usability of existing databases (i.e., the use of validated and unvalidated sample results [only validated data were used in this risk assessment] and the completeness, precision, and accuracy of the data set), the inclusion of chemicals potentially attributable to background in the quantitative risk assessment, the screening levels

used, and the absence of screening levels for a few chemicals detected in the site media. A brief discussion of each of these issues is provided in the remainder of this section.

Chemicals Potentially Attributable to Background

No chemicals in soil or groundwater were eliminated from the risk assessment on the basis of background only. Therefore, it is possible that risks are overestimated by the inclusion of some metals as COPCs. Note that the NAS Pensacola reference concentrations used for the background evaluation for soil are based on data from only two locations and for groundwater are based on four locations. Therefore, the reference concentrations for NAS Pensacola may not be adequately represent background conditions. For example, arsenic was selected as a COPC for surface and subsurface soil because the maximum detected concentrations in these media exceeded the arsenic screening level and the reference concentration (1.56 mg/kg). USEPA Region 9 indicates that background levels of arsenic in the United States range from 0.1 to 97 mg/kg and ATSDR indicates a background range of 1 to 40 mg/kg. The maximum detected concentration of arsenic in soil at NAS Pensacola are at the low end of these concentration ranges and it is possible that levels of arsenic at Site 46 are naturally occurring. In addition, a facility-wide stistical analyis was completed comparing arsenic and iron to determine true representative background concentrations. Based on the statistical analysis, all detected arsenic concentrations in Site 46 soils were within the background range (0.1 to 17.5 mg/kg) determined by statistical analysis (Appendix B).

COPC Screening Levels

The use of risk-based screening values (for the USEPA analysis) based on conservative land use scenarios (i.e., residential land use for soil and groundwater) corresponding to an ILCR of 10^{-6} and HI of 0.1 ensured that all the significant contributors to risk from a site were evaluated. The elimination of chemicals present at concentrations that correspond to an ILCR less than 10^{-6} and an HI less than 0.1 should not affect the final conclusions of the risk assessment because those chemicals are not expected to cause a potential health concern at the detected concentrations.

Chemicals without Established Screening Levels

Region 9 PRGs are currently not available for some constituents (e.g., 1-methylnaphthalene, 2-methylnaphthalene, acenaphthylene, benzo(g,h,i)perylene, and phenanthrene). Appropriate surrogates were selected for these chemicals based on similar chemical structures, if available. For example, naphthalene was used as a surrogate for 1-methylnaphthalene and 2-methylnaphthalene, and, pyrene was used as a surrogate for benzo(g,h,i)perylene and phenanthrene. Applying toxicity values of one compound to another increases the uncertainty in the risk assessment both in regard to the selection of

COPCs and the calculated risks. The direction of the uncertainty is not known. Note that the State of Florida does provide CTLs for these compounds and they were evaluated in the analysis using FDEP methodology. Therefore, the uncertainty associated with the use of surrogates is likely to be minimal.

6.7.2 Uncertainty in the Exposure Assessment

Uncertainty in the exposure assessment arose because of the methods used to calculate EPCs, the determination of land use conditions, the selection of receptors and scenarios, the estimation of EPCs, and the selection of exposure parameters. Each of these is discussed below.

Land Use

The current land use patterns at NAS Pensacola are well established, thereby limiting the uncertainty associated with land use assumptions. Land use at Site 46 is currently limited and is expected to be limited in the future, as long as NAS Pensacola remains open. To be conservative, risks to potential and future construction workers, maintenance workers, occupational workers, recreational users, and on-site residents were estimated for the site. Maintenance workers and recreational users are considered to be the most likely receptors under current land use.

Exposure Point Concentrations

EPCs for soil were calculated using the Florida UCL Calculator (Version 1.0). Uncertainty is associated with the use of the 95 percent UCL on the mean concentration as the EPC. As a result of using the 95 percent UCL, the estimations of potential risk for the RME scenario were most likely overstated because this is the upper limit on the mean concentration that potential receptors would be exposed to over the entire exposure period. In some cases, the maximum concentration was used as the EPC. Use of the maximum concentration as the EPC tends to overestimate potential risks because receptors are assumed to be exposed continuously to the maximum concentration for the entire exposure period. Uncertainty was also introduced when the nondetects results were assigned a value of one-half the nondetect quantitation limit in the calculation of the EPC. This may either overstate or understate the risks to potential receptors.

As discussed in Section 6.3.2, the calculated risks for groundwater in the risk evaluation were based on the assumption that EPCs for groundwater were the maximum detected concentrations. Using the maximum detected concentrations may result in overestimation of risks.

There was also uncertainty in assuming that current groundwater concentrations will not change in the future and this introduces additional uncertainty in the EPCs and risks for groundwater COPCs.

Concentrations in groundwater may diminish over time due to natural attenuation processes involving source depletion and dilution.

Exposure Routes and Receptor Identification

The determination of various receptor groups and exposure routes of potential concern was based on current land use observed at the site and the anticipated future land use. Therefore, the uncertainty associated with the selection of exposure routes and potential receptors was minimal because they were considered to be well defined. Although residential use of groundwater was evaluated as an exposure scenario, groundwater is not currently used at the site nor is it expected to be used in the future. Three water wells located on NAS Pensacola provide emergency backup potable water supply. The backup water supply wells obtain groundwater from the sand and gravel aquifer at depths ranging from 224 to 250 feet below land surface. The nearest potable water well to Site 46 is located approximately 5,000 feet to the northwest of the site. The evaluation of direct exposure to groundwater in the HHRA was included primarily to aid in risk management decision making.

Exposure Parameters

The risk-based concentrations used to estimate risks by the USEPA methodology were calculated by the equations and exposure factors presented in Section 6.3.3. Each exposure factor selected for use in the risk assessment has some associated uncertainty. Generally, exposure factors were based on surveys of physiological and lifestyle profiles across the United States. The attributes and activities studied in these surveys generally have a broad distribution. The exposure factors used in this report, in most cases, were obtained from USEPA or Florida guidance documents for the RME, which generally specify the use of the 95th percentile value for most parameters. Therefore, the selected values for the RME receptor represented an upper bound of the observed or expected habits of the majority of the population.

Generally, the uncertainty can be assessed quantitatively for many assumptions made in determining factors for calculating exposures and intakes. Many of these parameters were determined from statistical analyses on human population characteristics. Often, the database used to summarize a particular exposure parameter (i.e., body weight) is quite large. Consequently, the values chosen for such variables in the RME scenario have low uncertainty.

For many parameters for which limited information exists (i.e., dermal absorption of chemicals from soil), greater uncertainty exists. For example, current USEPA dermal guidance (USEPA, 2004) does not provide dermal absorption factors for exposure to most metals (except arsenic and cadmium) in soil.

Therefore, risks for dermal contact from soil were not evaluated for most metals in this risk assessment. Consequently, risks from exposure to soil may have been underestimated.

6.7.3 Uncertainty in the Toxicological Evaluation

The RBCs used to assess risk were also developed using the toxicity criteria discussed in Section 6.4. Uncertainties associated with the toxicity assessment (determination of RfDs and CSFs and use of available criteria) are presented in this section.

Derivation of Toxicity Criteria

Uncertainty associated with the toxicity assessment was associated with hazard assessment and dose-response evaluations for the COPCs. The hazard assessment dealt with characterizing the nature and strength of the evidence of causation or the likelihood that a chemical that induces adverse effects in animals will also induce adverse effects in humans. Hazard assessment of carcinogenicity was evaluated as a weight-of-evidence determination using USEPA methods. Positive animal cancer test data suggest that humans contain tissue(s) that may manifest a carcinogenic response; however, the animal data cannot necessarily be used to predict the target tissue in humans. In the hazard assessment of non-cancer effects, however, positive animal data often suggest the nature of the effects (i.e., the target tissues and type of effects) anticipated in humans.

Uncertainty in hazard assessment arose from the nature and quality of the animal and human data. Uncertainty was reduced when similar effects were observed across species, strain, sex, and exposure route; when the magnitude of the response was clearly dose related; when pharmacokinetic data indicated a similar fate in humans and animals; when postulated mechanisms of toxicity were similar for humans and animals; and when the COC was structurally similar to other chemicals for which the toxicity is more completely characterized.

Uncertainty in the dose-response evaluation included the determination of a CSF for the carcinogenic assessment and derivation of an RfD for the non-carcinogenic assessment. Uncertainty was introduced from interspecies (animal to human) extrapolation, which, in the absence of quantitative pharmacokinetic or mechanistic data, is usually based on consideration of interspecies differences in basal metabolic rate. Uncertainty also resulted from intraspecies variation. Most toxicity experiments are performed with animals that are very similar in age and genotype, so intragroup biological variation is minimal, but the human population of concern may reflect a great deal of heterogeneity, including unusual sensitivity or tolerance to the COPC. Even toxicity data from human occupational exposure reflect a bias because only those individuals sufficiently healthy to attend work regularly (the "healthy worker effect") and those not unusually sensitive to the chemical are likely to be occupationally exposed. Finally, uncertainty arises

from the quality of the key study from which the quantitative estimate was derived and the database used. For cancer effects, the uncertainty associated with dose-response factors was mitigated by assuming the 95 percent upper bound for the slope factor. Another source of uncertainty in carcinogenic assessment is the method by which data from high doses in animal studies are extrapolated to the dose range expected for environmentally exposed humans. The linearized multistage model, which is used in nearly all quantitative estimations of human risk from animal data, is based on a nonthreshold assumption of carcinogenesis. Evidence suggests, however, that epigenetic carcinogens, as well as many genotoxic carcinogens, have a threshold below which they are noncarcinogenic. Therefore, the use of the linearized multistage model was conservative for chemicals that exhibited a threshold for carcinogenicity.

For non-cancer effects, additional uncertainty factors may have been applied in the derivation of the RfD to mitigate poor quality of the key study or gaps in the database. Additional uncertainty for non-cancer effects arose from the use of an effect level in the estimation of an RfD, because this estimation was predicated on the assumption of a threshold less than which adverse effects were not expected. Therefore, an uncertainty factor is usually applied to estimate a no-effect level. Additional uncertainty arose in estimation of an RfD for chronic exposure from subchronic data. Unless empirical data indicated that effects did not worsen with increasing duration of exposure, an additional uncertainty factor was applied to the no-effect level in the subchronic study. Uncertainty in the derivation of RfDs was mitigated by the use of uncertainty and modifying factors that normally ranged between 3 and 10. The resulting combination of uncertainty and modifying factors may have reached 1,000 or more.

The derivation of dermal RfDs and CSFs from oral values may have caused uncertainty. This was particularly the case when no gastrointestinal absorption rates were available in the literature or when only qualitative statements regarding absorption were available.

Uncertainty Associated with Evaluation of the Dermal Exposure Pathway

According to RAGS Part E (USEPA, 2004), risks for dermal absorption of chemicals in soil are quantitatively evaluated for arsenic, cadmium, chlordane, 2,4-dichlorophenoxyacetic acid, DDT, TCDD (and other dioxins), PAHs, PCBs, pentachlorophenol, and SVOCs only because of the limited information guidance available to evaluate dermal exposure to other constituents. However, risks associated with dermal exposure to other metals in soil (except for arsenic and cadmium) were also evaluated in the risk assessment using the dermal absorption factors provided in FDEP guidance (FDEP, 2005). Generally, potential risks associated with these metals may result in an overestimation of risk because metals do not readily desorb from soil and become available for absorption through the skin.

The Region 9 PRGs used to assess risks for groundwater are based on ingestion and inhalation (for volatiles) but dermal effects are not considered in the PRG calculations. For some chemicals (e.g., PCBs and PAHs) the omission of the aqueous dermal pathway can be significant. However, for the types of chemicals detected in groundwater at Site 46 (i.e., VOCs and metals), the aqueous dermal pathway is generally not important. Therefore, the effects of omitting dermal contact from the PRG calculations is expected to be negligible.

Use of Iron Toxicity Criteria

An NCEA provisional RfD was used to evaluate non-carcinogenic effects from exposure to iron. The provisional RfD for iron is based on allowable intakes rather than adverse effect levels. Therefore, there was some degree of uncertainty associated with the use of the RfD used to calculate risk-based concentrations for iron. Note that some USEPA regions (e.g., Region 1) consider the use of the oral RfD for iron inappropriate and recommend that this metal not be evaluated quantitatively in risk assessments.

Alternate RfD for Manganese

The oral RfD for manganese listed in the Region 9 PRG table (0.024 mg/kg/day) was used to calculate the PRG for evaluating risks for residential exposure to groundwater. This value includes a modification factor of 3 and an adjustment factor for the dietary contribution which is applied to the non-dietary reference dose (0.14 mg/kg/day) presented in IRIS. IRIS indicates that an adjustment for the dietary contribution should be subtracted from this allowable intake. Using the modified and adjusted RfD results in risk estimates 6 times higher than if the non-dietary reference dose were used.

6.7.4 Uncertainty in the Risk Characterization

Uncertainty in risk characterization resulted from assumptions made regarding additivity of effects from exposure to multiple COPCs from various exposure routes. High uncertainty existed when summing non-cancer risks for several substances across different exposure pathways. This assumed that each substance has a similar effect and/or mode of action. Even when compounds affect the same target organs, they may have different mechanisms of action or differ in their fate in the body, so additivity may not have been an appropriate assumption. However, the assumption of additivity was considered because in most cases it represented a conservative estimate of risk.

Risks to any individual may also have been overestimated by summing multiple assumed exposure pathway risks for any single receptor. Although every effort was made to develop reasonable scenarios, not all individual receptors may have been exposed via all pathways considered.

Finally, the risk characterization did not consider antagonistic or synergistic effects. Little or no information was available to determine the potential for antagonism or synergism for the COPCs. Because chemical-specific interactions could not be predicted, the likelihood for risks to be overpredicted or underpredicted could not be defined, but the methodology used was based on current USEPA guidance.

6.8 SUMMARY AND CONCLUSIONS

An HHRA was conducted for the chemical concentrations detected in surface soil, subsurface soil, and groundwater samples collected at Site 46. The evaluation was conducted using both USEPA and State of Florida regulations and guidelines for HHRA. The results of the USEPA and Florida risk assessments are summarized in the following sections.

6.8.1 Summary of USEPA Risk Assessment

The USEPA risk assessment considered five receptors, the hypothetical future resident, the typical industrial worker, the construction worker, the maintenance worker, and the trespasser/recreational user, assuming exposure via the ingestion, dermal contact, and inhalation route of exposures. However, maintenance workers and trespassers/recreational users are considered to be the most likely receptors at Site 46 under current land use.

The list of COPCs for Site 46 included the following:

- Surface Soil – TCE, Aroclor 1260, aluminum, arsenic, iron, and lead
- Subsurface Soil – TCE, aluminum, arsenic, and iron
- Groundwater – bromodichloromethane, chlorodibromomethane, chloroform, PCE, cis-12,-DCE, vinyl chloride, 2-methylnaphthalene, naphthalene, bis(2-ethylhexyl)phthalate, aluminum, arsenic, barium, cadmium, chromium, iron, lead, manganese, and vanadium

Quantitative estimates of non-carcinogenic and carcinogenic risks (HIs and ILCRs, respectively) were developed for potential human receptors. Exposure to lead was evaluated by the USEPA's Child Lead Model (IEUBK) and ALM. Results of these evaluations are summarized below.

Clearly, the carcinogenic and non-carcinogenic risks for the hypothetical future resident exceed USEPA and FDEP target risk levels and HIs, respectively, for soil and groundwater. In soil, the primary driver of risk is TCE; in groundwater, the primary drivers of risk are chlorinated VOCs and arsenic.

For the construction worker, concentrations of aluminum in surface soil elevate the HI above the target of one. For the industrial worker, concentrations of TCE in surface and subsurface soil elevate the ILCR above 1×10^{-6}.

Concentrations of lead in soil and groundwater do not result in blood level lead concentrations in any of the evaluated receptors.

6.8.2 Summary of Florida Risk Assessment

The risk assessment conducted per the State of Florida regulations and guidelines evaluated risks to a hypothetical future resident and a typical industrial worker using the published SCTLs for the residential and industrial land use scenario, respectively. Risks to a hypothetical future recreational user were evaluated using SCTLs specifically developed for this risk assessment as stipulated in the State of Florida regulations and guidelines. The following chemicals were identified as potential COCs for surface soils based on a comparison of maximum concentrations or EPCs to these SCTLs:

FLORIDA SURFACE SOIL EVALUTION

Residential SCTLs	Industrial SCTLs	Recreational SCTLs
TCE	TCE	
Lead		

The following chemicals were identified as potential COCs for subsurface soils based on a comparison of maximum concentrations or EPCs to the SCTLs:

FLORIDA SUBSURFACE SOIL EVALUTION

Residential SCTLs	Industrial SCTLs	Recreational SCTLs
TCE	TCE	
Arsenic		

The following chemicals were identified as potential COCs for groundwater based on a comparison of maximum concentrations to GCTLs:

FLORIDA GROUNDWATER EVALUATION

GCTLs
Bromodichloromethane
Chlorodibromomethane
TCE
Vinyl chloride
Bis(2-ethylhexyl)phthalate
Naphthalene
Aluminum
Arsenic
Barium
Cadmium
Chromium
Iron
Lead
Manganese
Sodium
Vanadium

Note that aluminum, iron, and manganese were identified as potential COCs for groundwater because the maximum concentrations exceeded CTLs which are, in effect, USEPA Secondary MCLs. Secondary MCLs are criteria based not on health effects but rather on aesthetic effects such as taste and odor. Also, note that HQs for aluminum, iron, and manganese calculated in the USEPA evaluation were less than the USEPA and Florida goal of unity for non-carcinogenic health effects.

Chemicals detected in soil were also evaluated for the potential to impact groundwater quality at the site by comparing maximum concentrations with FDEP soil screening levels (SSLs) for migration from soil to groundwater. This evaluation indicated that that the concentrations of constituents detected in soil, specifically the chlorinated VOCs, were likely to potentially contribute to groundwater contamination.

7.0 SCREENING LEVEL ECOLOGICAL RISK ASSESSMENT

7.1 INTRODUCTION

This screening-level ecological risk assessment was conducted in accordance with USEPA Ecological Risk Assessment Guidance for Superfund (USEPA, 1997), USEPA Amended Guidance on Ecological Risk Assessment at Military Bases (USEPA, 2000a), and the Navy Policy for Conducting Ecological Risk Assessments (DON, 1999). The risk assessment for IR Site 46, consists of Steps 1 through 3A of USEPA's 8-step ecological risk assessment process. Steps 1 through 3A consist of the following:

Step 1 Screening-Level Problem Formulation and Ecological Effects Evaluation
Step 2 Screening-Level Exposure Estimate and Risk COPC of Potential Concern

Section 7.2.1 provides the environmental setting and summarizes the site history for Site 46. The fate and transport characteristics of the chemicals detected in surface soil and groundwater are provided in Section 7.2.2. The ecotoxicity of site contaminants and potential ecological receptors are described in Section 7.2.3. Section 7.2.4 describes complete exposure pathways and preliminary assessment and measurement endpoints are discussed in Section 7.2.5. Sections 7.3, 7.4, and 7.5 describe the screening level ecological effects evaluation, exposure estimates, and risk characterization, respectively. Section 7.6 describes the refinement of preliminary COPCs. Uncertainties inherent with the ecological risk assessment are discussed in Section 7.7. The summary and conclusions of this ecological risk assessment are provided in Section 7.8.

7.2 SCREENING-LEVEL PROBLEM FORMULATION

The Problem Formulation presents the site history, describes physical and ecological characteristics of the site, identifies ecological receptors of concern, and provides the basis for selecting assessment and measurement endpoints. These items provide the information that will be used to develop the conceptual exposure model for the site.

7.2.1 Environmental Setting

The environmental setting is discussed in Section 1.2.

7.2.2 Contaminant Fate and Transport

Previous investigations have identified the potential sources of contamination at Site 46 as most likely associated with paint stripping operations and waste disposal practices related to these operations or

undocumented minor spills. The source and nature of materials, as well as the time of release, are unknown.

Potential contaminant release mechanisms at Site 46 include the mobilization of contaminants from wastes discharged directly to surface soil with impact to local groundwater by infiltration of precipitation and dissolution of soluble contaminants. Soluble constituents can be transported to the water table by rainwater infiltration, and may continue to migrate downgradient discharging into Pensacola Bay.

Transport is affected by the chemical and physical properties of both the soil and the contaminants. Currently erosion and overland transport of particulate matter from site surface soil do not appear to be important transport mechanisms at Site 46 due to the developed nature of the site. Past erosion and overland transport of surface soil via storm water runoff as well as airborne dispersion by wind may have resulted in contaminant transport and deposition. Sources outside of Site 46 may also be responsible for contamination found in soil and groundwater.

The following discussions address classes of contaminants detected in surface soil and groundwater that might be associated with Site 46.

7.2.2.1 VOCs

VOCs are poorly adsorbed to soil and sediment particles. Also, because they are very volatile, they typically are detected in surface water, surface soil, and sediment only at low concentrations. VOCs in soil will dissolve in rain water to varying degrees and can be transported overland with runoff or into groundwater. Photolysis and hydrolysis are not significant mechanisms for VOC degradation. Aerobic biodegradation in soil and groundwater is significant, however, and anaerobic degradation can also occur in these media. VOCs do not bioaccumulate in ecological receptors, and therefore, biomagnification through the food chain is not significant. VOCs are typically toxic to ecological receptors only at relatively high concentrations.

7.2.2.2 SVOCs

Most SVOCs detected in Site 46 media were PAHs and phthalates. PAHs are a diverse group of compounds consisting of two or more substituted and unsubstituted polynuclear aromatic rings formed by the incomplete combustion of carbonaceous materials. PAHs are ubiquitous in the modern environment and are common constituents of coal tar, soot, vehicle exhaust, cigarette smoke, certain petroleum products, road tar, mineral oils, creosote, and many cooked foods. PAHs can also be released to the environment through natural sources such as forest fires. The fate and transport characteristics of PAHs are dependent on their molecular weights. Low molecular weight PAHs are more soluble and volatile, and therefore more mobile. They may volatilize and photolyze from soil and surface water, and they also

may be biodegraded. High molecular weight PAHs tend to be immobile and insoluble, binding strongly to organic matter (reducing the potential for leaching to groundwater), and they are resistant to volatilization, photolysis, and biodegradation (Eisler, 2000). Upper tropic level organisms are primarily exposed to PAHs through diet, but most wildlife can metabolize and excrete PAHs. Vertebrates can readily metabolize PAHs, but lower forms (insects and worms) cannot metabolize PAHs as quickly. USEPA Region IV considers the potential toxicity of PAHs via the terrestrial food web to be generally negligible unless PAHs are present at extremely high concentrations (i.e., percent levels: 10,000 mg/kg) in soil. Food chain uptake does not appear to be a major exposure source to PAHs, and food-chain biomagnification of PAHs is typically minimal (ATSDR, 1989a). PAHs may be absorbed by plants, but are expected to be translocated, metabolized, and potentially photodegraded. Accumulation within plants is likely to occur only in heavily polluted locations where uptake exceeds metabolism and degradation (Edwards, 1983).

One phthalate (bis[2-ethylhexyl]phthalate) was detected in groundwater. Plastic wastes are the major source of phthalates, which are relatively persistent in the environment. Although numerous studies have demonstrated that phthalates undergo biodegradation, this is a slow process. Some microorganisms have been shown to excrete products that increase the solubility of phthalates and enhance their biodegradation (Gibbons and Alexander, 1989). Adsorption onto soils and sediments appears to be a significant sink for phthalates. If released to water, phthalates tend to adsorb strongly to suspended particulate matter within the water column and sediment. Bis(2-ethylhexyl)phthalate is not expected to significantly volatilize or appreciably leach from soil into groundwater (Spectrum, 2003). Biomagnification of phthalates does not occur.

7.2.2.3 Pesticides

Chlorinated pesticides are highly persistent in the environment, and tend to tightly sorb to organic matter and be immobile in most soils. Although organic carbon was not analyzed in soil samples from Site 46, the sandy soils of northwest Florida are typically low in organic carbon content, which is presumably a major contributing factor in the migration of pesticides from soil into groundwater at the site. Degradation of chlorinated pesticides in soil would eventually occur through volatilization, photolysis, and aerobic and anaerobic degradation. Due to the lipophilicity of organochlorine pesticides, they can bioaccumulate in animals. These compounds generally bioconcentrate in lower trophic level organisms and can be transferred and magnified in higher trophic level organisms. Several chlorinated pesticides were detected in groundwater at Site 46.

7.2.2.4 PCBs

PCBs include a variety of mixtures of individual biphenyl isomers, each consisting of two joined benzene rings and up to 10 chlorine atoms. Mixtures of these isomers are known by their commercial designation of Aroclor. Only one PCB compound (Aroclor-1260) was detected in surface soil at Site 46.

PCBs adsorb strongly to soil particles with adsorption generally increasing with the degree of chlorination. PCBs generally do not significantly leach in aqueous soil systems. PCBs released into water adsorb to sediments and other organic matter. Typically, PCB concentrations are greater in sediment and suspended material than in the water column. Aquatic sediments can act as an environmental reservoir from which PCBs may be released slowly over a long period of time (ATSDR, 1989b). For PCBs that exist in the dissolved state in water, volatilization becomes the primary fate process (USEPA, 1985). Degradation of PCBs in the environment is dependent upon the degree of chlorination. Generally, the more chlorinated the PCB molecule, the more persistent it will be in the environment. Factors that determine biodegradability include the amount of chlorination, concentration, microbial population type, available nutrients, and the temperature (ATSDR, 1989b). Biodegradation of higher chlorinated PCBs (such as Aroclor-1260) occurs very slowly [Hazardous Substance Data Bank (HSDB), 2005]. PCBs can significantly bioconcentrate in aquatic organisms.

7.2.2.5 Metals

Metals released to soils will tend to remain in soils but may impact groundwater through infiltration and surface water through run off and erosion. Leaching of metals is more apt to occur under acid conditions in sandy soils with low organic matter content. Many metals occur naturally in soil, surface water, and sediment due primarily to chemical weathering of rocks. Factors such as pH, clay content, and organic matter content influence the bioavailability of metals to potential receptors. In water, most metals tend to adsorb to sediment or to suspended particles in the water column. However, because of dissolution, complexation, and sediment resuspension, metals are often detected in surface water. Arsenic, cadmium, chromium, copper, lead, mercury, silver, and zinc have the potential to bioaccumulate in biota (USEPA, 2000b).

7.2.3 Ecotoxicity

VOCs, SVOCs, pesticides, PCBs, and metals were detected in either surface soil or groundwater samples collected at Site 46. The following abstracts from the literature provide general discussions of each group's ecotoxicity.

7.2.3.1 VOCs

VOCs readily volatilize, are poorly adsorbed to soil and sediment particles, and are typically detected in surface water, surface soil, and sediment only at low concentrations. VOCs do not bioaccumulate in ecological receptors, and their toxicity to ecological receptors is relatively low.

7.2.3.2 SVOCs

Few generalizations can be made about the ecotoxicity of PAHs because of the extreme variability in toxicity and physiochemical properties of PAHs. Adverse impacts to plants from PAHs, however, are rare (Eisler, 2000). In most animal species, PAHs are metabolized by a mixed-function oxidase enzyme system into intermediates that may be toxic, mutagenic, or carcinogenic to the host. Some invertebrate species cannot efficiently metabolize PAHs (Eisler, 2000), and PAHs can be chronically toxic to invertebrates, but overall, very little is known about the toxicological mechanisms of PAHs in invertebrates (Erstfield and Snow-Ashbrook, 1999). PAHs can bind to cellular macromolecules and thereby disrupt their function in higher level organisms such as mammals and birds. Biological macromolecules include polymers of carbohydrates (e.g., starch), amino acids (proteins), and nucleotides (e.g., DNA). The cellular functions of these polymers include structure, energy storage, energy transfer, material transport, and the storage and transmittal of genetic information. PAHs show little tendency to biomagnify in the food web (Eisler, 2000). USEPA Region 4 considers the potential toxicity of PAHs via the terrestrial food web to be generally negligible unless PAHs are present at extremely high concentrations (i.e., percent levels: 10,000 mg/kg) in soil. Microbial metabolism is the major process for degradation of PAHs in soil (ATSDR, 1997).

Chronic oral exposure to phthalates can result in liver toxicity in mammals. Ingested phthalates metabolize to monoesters in the gut and are subsequently absorbed. Following absorption, phthalates distribute primarily to the liver and kidneys and may, in some species, concentrate in the testes (Rhodes et al., 1986). Liver carcinogenesis has been observed (ATSDR, 1997). Many receptors are able to metabolize and excrete phthalate esters, so their ability to bioaccumulate varies among species.

7.2.3.3 Pesticides

Organochlorine pesticides are reproductive and nervous system toxins. Although these compounds were used as insecticides, they are toxic to other animals as well. The target organ for acute exposures is the nervous system, while chronic exposures can affect the liver and endocrine systems of higher animals. Organochlorine pesticides are lipophilic and can be stored in the fat tissue of organisms such as birds and mammals. They can cause reproductive failure in birds of prey through eggshell thinning and

disruption of egg-laying and nesting cycles (Amdur et al., 1991). These pesticides were developed to control insects on crops, and as a result, they are practically non-toxic to plants.

7.2.3.4 PCBs

PCBs are highly lipophilic, and can bioaccumulate in animals. PCBs can accumulate in offspring through placental transfer in mammals and accumulation in bird eggs, and can accumulate in upper trophic level animals such as piscivorous birds and mammals that feed on contaminated prey items (Eisler, 2000). Toxicity to aquatic organisms can occur through chronic exposures to PCBs at the parts per billion level. In animals, the primary effect associated with PCB exposure is the induction of liver enzyme systems. These enzymes are associated with detoxification mechanisms and with the metabolism of hormones. Adverse reproductive effects observed with PCB exposure are associated with induction of the enzyme systems. The toxicity of PCBs to mammals and birds varies, depending on the particular PCB and the animal species. Mink, for example, are highly sensitive to PCBs. Impacts to mink include anorexia, weight loss, lethargy, reproductive effects, and death (Eisler, 2000). Among sensitive avian species, PCBs disrupt the normal pattern of growth, reproduction, metabolism, and behavior. PCBs are not water soluble and accumulate to a much greater degree in animals than in plants. Nevertheless, plant-related effects of PCB exposure can include slower growth, reduced chlorophyll content, and diminished photosynthesis (USEPA, 1999b).

7.2.3.5 Metals

It is difficult to make generalizations about the toxic actions of metals because of diverse affinities for organic molecules in biological structures, a wide array of biological effects, and a multiplicity of target organs and systems (Amdur et al., 1991). At the molecular level, metals can manifest toxicity in many ways, including selectively accumulating in target organs (such as the kidneys), substituting for essential metals, and mimicking essential substrates (Clarkson, 1983). At the molecular level, metal toxicity typically affects enzyme systems, leading to disruption of cellular transport, cellular respiration, cell division, and other physiological processes. Metal toxicity to aquatic organisms is marked by a broad spectrum of effects that can range from reduced growth to death. Aquatic organisms are most sensitive to metal toxicity in the embryonic and larval stages of the life cycle.

7.2.4 Complete Exposure Pathways

Soil invertebrates and plants are exposed to soil contaminants through ingestion and direct contact. No complete exposure pathways to higher trophic level animals are present at Site 46. Ground cover at the site is predominantly paved parking areas or buildings with little undisturbed native soils. The current land use discourages use of the site by birds and mammals except as occasional transients. The exposure of higher trophic level animals such as birds and mammals to site-related contamination

through ingestion of contaminated food items is therefore considered unlikely due to the absence of habitat at Site 46. Consequently, this is not considered to be a complete exposure pathway. Similarly, the incidentally ingestion of soil contaminants while preening feathers is not considered a significant source of potential exposure as birds are not anticipated to reside at the site or be present for extended periods of time. Exposure to contaminants in soil through dermal contact could occur but is unlikely to represent a major exposure pathway because feathers and chitinous exoskeletons minimize transfer of contaminants across dermal tissue. Airborne transport is a negligible pathway consequently the inhalation pathway is not significant. Exposure to contaminants in groundwater is not anticipated to occur at Site 46. Potential exposure to groundwater contaminants discharged to surface water has been addressed in the risk assessment performed for IR Site 2.

Actual or potential exposures of ecological receptors are determined by identifying the most likely pathways of contaminant release and transport. A complete exposure pathway has three components: (1) a source of chemicals that can be released to the environment, (2) a route of contaminant transport through an environmental medium, and (3) an exposure or contact point for an ecological receptor. As explained in Step 1 of USEPA's ecological risk assessment guidance (USEPA, 1997), if an exposure pathway is not complete, that exposure pathway does not need to be evaluated. In summary, complete exposure pathways and routes of entry into biota at Site 46 consist of:

- Direct contact with surface soil by invertebrates and plants
- Ingestion of surface soil by invertebrates

7.2.5 Preliminary Assessment and Measurement Endpoints

USEPA Region IV has specified that assessment endpoints for the screening-level assessment should be broad and generic. For the screening level assessment, the preliminary assessment endpoint is the protection of terrestrial biota from adverse effects of chemicals on their growth, survival, and reproduction. Measurement endpoints represent the assessment endpoints chosen for a site, and are measures of biological effects (USEPA, 1997). The preliminary measurement endpoints were chemical concentrations in surface soil that are associated with no adverse effects on growth, survival, and reproduction of terrestrial organisms. The measurement endpoints are represented by USEPA Region IV ecological screening values (ESVs) for surface soil. USEPA Ecological Soil Screening Levels (Eco-SSLs) were used in place of the USEPA Region IV ESVs as the measurement endpoints for chemicals when Eco-SSLs were available.

The USEPA Region IV ESVs for surface soil are based on conservative endpoints and sensitive ecological effects data, and thus, the screening values represent chemical concentrations associated with a low probability of unacceptable risks to ecological receptors. For this reason, USEPA Region IV

considers their soil ESVs to be protective of terrestrial invertebrates and plants as well as upper level receptors such as birds and mammals. Additionally, the lowest of the plant, invertebrate, mammal, and avian Eco-SSL was used for chemicals when Eco-SSLs were available. In the screening level ecological risk assessment, a distinction is not made between measurement endpoints associated with direct toxicity to invertebrates and plants versus measurement endpoints associated with food chain effects.

7.3 SCREENING-LEVEL ECOLOGICAL EFFECTS EVALUATION

For the screening level ecological risk assessment, maximum concentrations of chemicals detected in surface soil were compared to Eco-SSLs for chemicals which Eco-SSLs are available and to USEPA Region IV ESVs (USEPA, 2001) for all other detected chemicals. If the maximum concentration was less than the Eco-SSL (or the ESV), the chemical was eliminated from further consideration. If the maximum concentration equaled or exceeded the screening level, or if a screening level was not available, the chemical was then considered to be an ecological COPC and was retained for further study in the ecological risk assessment.

Groundwater concentrations were compared to USEPA Region IV surface water screening levels as a very conservative measure of potential impacts to ecological receptors from contaminated groundwater. Analytes in groundwater that exceed surface water ESVs or lack ESVs are not selected as COPCs but are listed for informational purposes. This analysis is considered extremely conservative as it does not take into account dilution at the discharge point(s), which may be substantial, the amount of discharge, location of the point(s) of discharge, or direction of groundwater flow. Exposure of ecological receptors after groundwater discharges directly to surface water was previously evaluated as part of the surface water pathway in the IR Site 2 risk assessment.

7.4 SCREENING-LEVEL EXPOSURE ESTIMATE

Exposure point chemical concentrations were obtained from surface soil and groundwater samples collected in October and December 2005. The data are presented in Section 4 (Tables 4-3 through 4-8).

The surface soil data base consisted of three samples (and one duplicate sample) analyzed for VOCs, SVOCs, pesticides and PCBs, inorganics, and petroleum hydrocarbons, in addition to 28 soil screening samples analyzed for lead, aluminum, and iron. All samples were collected from a depth of 0 to 0.5 feet bls between October 19th and December 2nd, 2005. Figure 2-1 in Section 2 illustrates where surface soil samples were collected.

The groundwater data base consisted of 20 samples and three duplicate samples analyzed for VOCs, SVOCs, pesticides and PCBs, inorganics, and petroleum hydrocarbons. All samples were collected

between December 18th and December 20th, 2005. Figure 2-2 in Section 2 illustrates the locations of the groundwater samples.

All analytes (except calcium, magnesium, potassium, sodium,) detected in surface soil and groundwater samples were assessed in this investigation. Calcium, magnesium, potassium, and sodium were excluded because they are essential nutrients that are toxic only at extremely high concentrations. Due to the scarcity of data for these essential nutrients, it was not possible to develop ranges of toxicity for them even at high concentrations.

7.5 SCREENING-LEVEL RISK CALCULATION

The preliminary risk calculation step compared maximum concentrations of chemicals in surface soil to USEPA Eco-SSLs and USEPA Region IV ESVs. The ratio of the maximum concentration to the ESV is called the screening HQ. Analytes whose maximum concentrations equaled or exceeded ESVs (i.e., HQ $\geq$ 1.0), or did not have ESVs, were retained as ecological COPCs. Although ecological receptors are not directly exposed to groundwater contaminants, groundwater data were compared to surface water screening values as a conservative measure of potential impacts to aquatic media from contaminated groundwater discharge but not for COPC selection. Due to the fact that groundwater at Site 46 discharges into Pensacola Bay, salt water ESVs were used for the comparison.

7.5.1 Surface Soil

In surface soil, five VOCs (1,2-dichlorobenzene, 1,4-dichlorobenzene, chloromethane, PCE, and TCE) were retained as COPCs because their maximum concentrations exceeded screening values (Table 7-1). The VOC acetone was retained as a COPC because an ESV is not available. One SVOC (phenol) was retained as a COPC because its maximum concentration exceeded the corresponding ESV, while nine PAHs (2-methylnapthalene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluorene, and ideno(1,2,3-cd)pyrene) were retained as COPCs because ESVs were not available. It should be noted that the maximum concentration of total PAHs (the total of anthracene, benzo(a)anthracene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, phenanthrene, fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene and benzo(ghi)perylene) was less than its corresponding USEPA Region IV ESV. The PCB Aroclor-1260 was also retained as a COPC because its maximum concentration exceeded the USEPA Region IV ESV for total PCB.

Six metals (aluminum, cadmium, chromium, iron, lead, and zinc) were retained as COPCs because their maximum concentrations exceeded their respective Region IV ESVs or Eco SSLs.

TPH are retained as a COPC because no Region IV ESV is available.

7.5.2 Groundwater

Surface (salt) water ESVs were not available for 14 of the VOCs detected in groundwater. The four remaining VOCs had maximum concentrations in groundwater less than their corresponding salt water ESVs (Table 7-2). One SVOC (naphthalene) had a maximum groundwater concentration that exceeded the salt water ESV. Three SVOCs (2-methylnapthalene, fluorene, and bis(2-ethylhexylphthalate) had no salt water ESV. Three pesticides (alpha-and gamma-chlordane, and gamma-BHC) had maximum groundwater concentrations that exceeded the respective salt water ESVs. Six metals (chromium, copper, lead, nickel, silver, and zinc) had maximum groundwater concentrations in excess of corresponding salt water ESVs. Seven inorganic compounds detected in groundwater (aluminum, barium, beryllium, cobalt, iron, manganese, and vanadium) had no salt water ESVs. No Region IV ESV is available for TPH.

7.6 REFINEMENT OF PRELIMINARY COPCs

At this point, the first two steps of the ecological risk assessment have been completed. The ecological risk assessment process includes a series of scientific/management decision points (SMDPs) (USEPA, 1997). The first SMDP occurs at the end of Step 2, and requires the risk managers to evaluate and approve or redirect the work up to that point and determine whether the risk assessment will continue into Step 3. However, USEPA Region IV recognizes that most ecological risk assessments will proceed into Step 3, and facilities are encouraged to submit the results of Steps 1-3 as a single deliverable document (USEPA, 2000a). With this in mind, and since the screening level ecological risk assessment indicates a potential for adverse effects, a more thorough assessment is warranted. Therefore, the risk assessment process for Site 46 will proceed into Step 3 (Baseline Risk Assessment Problem Formulation).

The baseline ecological risk assessment begins with a more balanced evaluation of the conservativeness inherent in the first two steps of the risk assessment process (USEPA, 1997; DON, 1999). The initial phase of Step 3 is typically known as Step 3A, and consists of a refinement of the conservative exposure assumptions in order to more realistically estimate potential risks to ecological receptors (i.e., plants and invertebrates). Examples of factors considered during Step 3A include toxicological evaluation of COPCs, frequency of detection and spatial distribution of contaminants, comparison to background, and consideration of habitat quality (USEPA, 1997; USEPA 2000a, DON, 1999).

Food-chain modeling was not conducted for the Site 46 screening level ecological risk assessmen due to the absence of upper trophic level receptors associated with the poor habitat quality found at the site.

TABLE 7-1
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
SURFACE SOIL
ECOLOGICAL RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Chemical	Detection Frequency (1)	Minimum Concentration (1)	Minimum Qualifier	Maximum Concentration (1)	Maximum Qualifier	Location of Maximum Concentration	Range of Nondetects (2)	Concentration Used for Screening (3)	USEPA Region 4 Surface Soil Screening Values (4) mg/kg	Hazard Quotient (5)	COPC Yes/No	Notes
Volatile Organics (mg/kg)												
1,2-Dichlorobenzene	1/16	0.17	J	0.17	J	46SB3401	0.00025-0.190	0.17	0.01	**17.0**	**Yes**	ESV for Dichlorobenzene
1,4-Dichlorobenzene	1/16	0.11	J	0.11	J	46SB3401	0.00019-0.280	0.11	0.01	**11.0**	**Yes**	
Acetone	3/3	0.012	J	26	J	46SB2901	0	26	NA	NA	**Yes**	
Chloromethane	6/14	0.0005	J	0.28	J	46SB3301	0.00039 - 0.046	0.28	0.1	**2.8**	**Yes**	ESV for aliphatic chlorinated HC
Tetrachloroethene	2/15	0.006	J	0.1	J	46SB3401	0.00022-0.490	0.006	0.01	0.6	No	
Trichloroethene	7/16	0.011	J	150	J	46SB2901	0.00048-0.0034	150	0.001	**150000**	**Yes**	
Semivolatile Organics (mg/kg)												
2-Methylnaphthalene	2/3	0.006	J	0.013	J	46SB3101	0.0006	0.013	NA	NA	**Yes**	
Acenaphthylene	1/3	0.002	J	0.002	J	46SB3101	0.0006	0.002	20	0.0001	No	
Anthracene	1/3	0.002	J	0.002	J	46SB2901	0.0009	0.002	0.1	0.02	No	
Benzo(a)anthracene	3/3	0.008	J	0.027		46SB3101	0.001	0.027	NA	NA	**Yes**	
Benzo(a)pyrene	3/3	0.004	J	0.024		46SB3101	0	0.024	0.1	0.24	No	
Benzo(b)fluoranthene	1/3	0.036		0.036		46SB2901	0.002	0.036	NA	NA	**Yes**	
Benzo(g,h,i)perylene	3/3	0.003	J	0.019	J	46SB2901	0.002	0.019	NA	NA	**Yes**	
Benzo(k)fluoranthene	1/3	0.013	J	0.013	J	46SB2901	0.001	0.013	NA	NA	**Yes**	
Chrysene	3/3	0.003	J	0.019	J	46SB3101	0.001	0.019	NA	NA	**Yes**	
Dibenzo(a,h)anthracene	1/3	0.005	J	0.005	J	46SB2901	0.002	0.005	NA	NA	**Yes**	
Fluoranthene	3/3	0.008	J	0.024		46SB3101	0	0.024	0.1	0.24	No	
Fluorene	1/3	0.0008	J	0.0008	J	46SB2901	0.0006 - 0.0007	0.0008	NA	NA	**Yes**	
Indeno(1,2,3-cd)pyrene	3/3	0.002	J	0.018	J	46SB2901	0.002	0.018	NA	NA	**Yes**	
Naphthalene	2/3	0.003	J	0.04		46SB3101	0.001	0.04	0.1	0.40	No	
Phenanthrene	3/3	0.004	J	0.017	J	46SB2901	0	0.017	0.1	0.17	No	
Phenol	1/3	0.36	J	0.36	J	46SB2901	0.098 - 0.1	0.36	0.05	**7.2**	**Yes**	
Pyrene	3/3	0.007	J	0.034	J	46SB3101	0	0.034	0.1	0.34	No	
Total PAHs	3/3	0.027		0.181		46SB3101	0.0006-0.1	0.181	1	0.2	No	
Pesticides/PCBs (mg/kg)												
Aroclor-1260	1/3	0.36		0.36		46SB3101	.0044 - .0046	0.36	0.02	**18**	**Yes**	ESV for total PCB

TABLE 7-1
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
SURFACE SOIL
ECOLOGICAL RISK ASSESSMENT
SITE 46 REMEDIAL INVESTIGATION REPORT
NAS PENSACOLA
PENSACOLA, FLORIDA

Chemical	Detection Frequency (1)	Minimum Concentration (1)	Minimum Qualifier	Maximum Concentration (1)	Maximum Qualifier	Location of Maximum Concentration	Range of Nondetects (2)	Concentration Used for Screening (3)	USEPA Region 4 Surface Soil Screening Values (4) mg/kg	Hazard Quotient (5)	COPC Yes/No	Notes
Inorganics (mg/kg)												
Aluminum	27/31	116		24500		46SB0801	43.7 - 95.7	24500	50	**490**	**Yes**	
Arsenic	3/3	0.16		2.1		46SB3101	0	2.1	18	0.12	No	Eco SSL P
Barium	3/3	1.2		35.5		46SB3001-D	0	35.5	330	0.11	No	Eco SSL I
Cadmium	1/3	1.2		1.2		46SB3101	0.25 - 0.41	1.2	0.36	**3.33**	**Yes**	Eco SSL M
Calcium	3/3	155		15300		46SB2901	0	15300	NA	NA	No	NUT
Chromium	3/3	4.2		28.2		46SB3101	0	28.2	26	**1.1**	**Yes**	EcoSSL for Cr^{+3} A
Cobalt	2/3	0.65		0.7		46SB3101	0.18 - 0.28	0.7	13	0.05	No	Eco SSL P
Copper	3/3	6.3		13.5		46SB3001	0	13.5	28	0.48	No	Eco SSL A
Iron	31/31	50.6		13700		46SB0801	0	13700	200	**69**	**Yes**	
Lead	31/31	0.81		619		46SB2101	0	619	11	**56**	**Yes**	Eco SSL A
Magnesium	3/3	42.3		637		46SB3001-D	0	637	NA	NA	No	NUT
Manganese	3/3	2.9	J	26.9	J	46SB3001	0	26.9	100	0.27	No	
Mercury	2/3	0.07		0.09		46SB3001	0.03 - 0.04	0.09	0.1	0.90	No	
Nickel	3/3	1.1		5.8		46SB3101	1.09	5.8	30	0.19	No	
Vanadium	3/3	0.46		7.2		46SB2901	0.46	7.2	7.8	0.92	No	Eco SSL A
Zinc	3/3	12.9		137	J	46SB3001	0	137	50	**2.7**	**Yes**	
Petroleum Hydrocarbons (mg/kg)												
Total Petroleum Hydrocarbons	1/3	110		110		46SB3101	20 - 44	110	NA	NA	**Yes**	

Footnotes:
1 Sample and duplicate are counted as two separate samples when determining the minimum and maximum detected concentrations.
2 Values presented are sample-specific quantitation limits.
3 The maximum detected concentration is used for screening purposes.
4 Based on Region 4 Waste Management Division, Soil Screening Values for Hazardous Waste Sites
5 Hazard quotient = maximum detected concentration ÷ ecological screening value

Definitions
COPC = Chemical of Potential Concern
mg/kg = milligrams per kilogram
J = Estimated Value
NA = Not Applicable/Not Available.
ESV = Ecological Screening Value
HC = Hydrocarbon
Eco SSL - EPA Ecological Soil Screening Level: I -invertebrate, P - plant, A - avian, M- mammal
NUT = Essential Nutrient

Associated Samples:

46SB0101,NORMAL
46SB0201,NORMAL
46SB0301,NORMAL
46SB0401,NORMAL
46SB0501,NORMAL
46SB0601,NORMAL
46SB0701,NORMAL
46SB0801,NORMAL
46SB0901,NORMAL
46SB1001,NORMAL
46SB1101,NORMAL
46SB1201,NORMAL
46SB1301,NORMAL
46SB1401,NORMAL
46SB1501,NORMAL
46SB1601,NORMAL
46SB1701,NORMAL
46SB1801,NORMAL
46SB1901,NORMAL
46SB2001,NORMAL
46SB2101,NORMAL
46SB2201,NORMAL
46SB2301,NORMAL
46SB2401,NORMAL
46SB2501,NORMAL
46SB2601,NORMAL
46SB2701,NORMAL
46SB2801,NORMAL
46SB2901,NORMAL
46SB3001,DUP
46SB3001-AVG,AVG
46SB3001-D,DUP
46SB3101,NORMAL
46SB3201,NORMAL
46SB3301,NORMAL
46SB3401,NORMAL
46SB3501,DUP
46SB3501-AVG,AVG
46SB3501-D,DUP
46SB3601,NORMAL
46SB3701,DUP
46SB3701-AVG,AVG
46SB3701-D,DUP
46SB3801,NORMAL
46SB3901,NORMAL
46SB4001,NORMAL
46SB4101,NORMAL
46SB4201,NORMAL
46SB4301,NORMAL
46SB4401,NORMAL

TABLE 7-2
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
GROUNDWATER
ECOLOGICAL RISK ASSESSMENT
SITE 46 - FORMER BUILDING 72
NAS PENSACOLA, FLORIDA

Chemical	Detection Frequency (1)	Minimum Concentration (1)	Minimum Qualifier	Maximum Concentration (1)	Maximum Qualifier	Location of Maximum Concentration	Range of Nondetects (2)	Concentration Used for Screening (3)	USEPA Region 4 Salt Surface Water Screening Values (4) ug/L	Hazard Quotient (5)	Notes
Volatile Organics (ug/L)											
1,1-DICHLOROETHANE	2/26	6		18		38GW3S01	0.4-0.8	18	NA	NA	
ACETONE	3/3	2	J	7	J	46GW1601	0	7	NA	NA	
BROMODICHLOROMETHANE	4/27	0.3	J	1.6		46GW0102	0.2-0.4	1.6	NA	NA	
CARBON DISULFIDE	1/26	0.4	J	0.4	J	46GW1401	0.3-0.7	0.4	NA	NA	
CHLORODIBROMOMETHANE	1/26	0.6	J	0.6	J	46GW1401-D	0.4-0.8	0.6	NA	NA	
CHLOROFORM	3/26	1		6	J	46GW0101	0.4-0.8	6	815	0.01	
CHLOROMETHANE	9/26	0.4	J	1		46GW1501&38GW1S01	0.3-0.6	1	NA	NA	
CIS-1,2-DICHLOROETHENE	3/26	1	J	18	J	38GW1301	0.3-0.5	18	NA	NA	
ETHYLBENZENE	1/26	0.4	J	0.4	J	46GW1901	0.2-0.5	0.4	4.3	0.09	
M+P-XYLENES	1/26	2	J	2		46GW1901	0.5-1	2	NA	NA	
O-XYLENE	1/26	2		2		46GW1901	0.3-0.6	2	NA	NA	
TETRACHLOROETHENE	4/26	0.4	J	2		38GW3S01	0.4-0.9	2	45	0.04	
TOLUENE	1/26	2		2		46GW1901	0.2-0.5	2	37	0.05	
TOTAL 1,2-DICHLOROETHENE	3/26	1	J	19		38GW1301	0.6-1	19	NA	NA	
TOTAL XYLENES	1/26	3		3	J	46GW1901	0.8-2	3	NA	NA	
TRANS-1,2-DICHLOROETHENE	2/26	1	J	2		38GW1301	0.3-0.6	2	NA	NA	
TRICHLOROETHENE	4/26	1		17		38GW1301	0.3-0.6	17	NA	NA	
VINYL CHLORIDE	2/26	3		4		38GW3S01	0.3-0.6	4	NA	NA	
Semivolatile Organics (ug/L)											
2-METHYLNAPHTHALENE	4/25	0.1	J	11	J	46GW1901	0.06-0.06	11	NA	NA	
ACENAPHTHENE	3/25	0.09	J	0.3		46GW1301	0.08-0.09	0.3	9.7	0.03	
BIS(2-ETHYLHEXYL)PHTHALATE	1/27	64		64		46GW1401	1-8	64	NA	NA	
FLUORENE	2/25	0.2	J	0.2	J	46GW1301&46GW1901	0.06-0.06	0.2	NA	NA	
NAPHTHALENE	4/25	0.05	J	240		46GW1901	0.05-0.05	240	23.5	**10**	
Pestcides and PCBs (ug/L)											
ALPHA-CHLORDANE	2/24	0.03	J	0.17	J	46GW0701	0.022-0.023	0.17	0.004	**43**	ESV for chlordane
GAMMA-CHLORDANE	1/24	0.14		0.14		46GW0701	0.028-0.031	0.14	0.004	**35**	ESV for chlordane
GAMMA-BHC (LINDANE)	1/24	0.031	J	0.031	J	46GW1901	0.016-0.017	0.031	0.016	**2**	

TABLE 7-2
OCCURRENCE, DISTRIBUTION, AND SELECTION OF CHEMICALS OF POTENTIAL CONCERN
GROUNDWATER
ECOLOGICAL RISK ASSESSMENT
SITE 46 - FORMER BUILDING 72
NAS PENSACOLA, FLORIDA

Chemical	Detection Frequency (1)	Minimum Concentration (1)	Minimum Qualifier	Maximum Concentration (1)	Maximum Qualifier	Location of Maximum Concentration	Range of Nondetects (2)	Concentration Used for Screening (3)	USEPA Region 4 Salt Surface Water Screening Values (4) ug/L	Hazard Quotient (5)	Notes
Inorganics (ug/L)											
ALUMINUM	8/26	477		16600		46GW1601	19-589	16600	NA	NA	
ARSENIC	14/26	1.8		13.3		46GW1901	3.45-3.45	13.3	36	0.4	
BARIUM	24/26	4.9	J	390		38GW1I01	5.7-8.9	390	NA	NA	
BERYLLIUM	4/26	0.08		0.74		38GW3I01	0.05-1.7	0.74	NA	NA	
CADMIUM	7/26	0.1		8.9		38GW0501	0.05-4.36	8.9	9.3	0.96	
CALCIUM	26/26	4250		257000		38GW1I01		257000	NA	NA	NUT
CHROMIUM	12/26	1.3		244		46GW1601	1.01-7.4	244	50	**5**	As chromium VI
COBALT	5/26	0.25		3		38GW1S01	0.13-4.3	3	NA	NA	
COPPER	2/26	20.2		97.8		46GW2001-D	2.86-37.7	97.8	2.9	**34**	
IRON	12/26	287		8220		46GW2001	8.7-164	8220	NA	NA	
LEAD	15/26	1.7		23.7		38GW1S01	0.63-1.9	23.7	8.5	**3**	
MAGNESIUM	26/26	3160		204000		38GW1I01		204000	NA	NA	NUT
MANGANESE	22/26	8.5		505		38GW1S01	0.7-7.9	505	NA	NA	
NICKEL	12/26	0.87		31.3		46GW1601	11.7-11.7	31.3	8.3	**4**	
POTASSIUM	24/26	4010		68400		38GW1I01	1960-3580	68400	NA	NA	NUT
SELENIUM	4/26	2.5		3.4		38GW3I01	1.6-3.59	3.4	71	0	
SILVER	1/26	4.5		4.5		46GW0201	0.05-4.4	4.5	0.23	**20**	
SODIUM	26/26	27800		2020000		38GW1I01		2020000	NA	NA	NUT
VANADIUM	10/26	2.6		377		46GW1601	1.4-315	377	NA	NA	
ZINC	12/26	15.8		166		38GW0501	2.9-19.4	166	86	**2**	
Petroleum Hydrocarbons (ug/L)											
TOTAL PETROLEUM HYDROCARBONS	7/26			3600		46GW1901	210-370	3600	NA	NA	

Footnotes:
1 Sample and duplicate are counted as two separate samples when determining the minimum and maximum detected concentrations.
2 Values presented are sample-specific quantitation limits.
3 The maximum detected concentration is used for screening purposes.
4 Based on Region 4 Water Management Division, Water Quality Standards
5 Hazard quotient = maximum detected concentration ÷ ecological screening value

Definitions
ug/L = micrograms per liter
J = Estimated Value
NA = Not Applicable/Not Available.
ESV = Ecological Screening Value
NUT = Essential Nutrient

Associated Samples:

38GW0501	46GW1101
38GW1301	46GW1201
38GW1I01	46GW1301
38GW1S01	46GW1401
38GW3I01	46GW1401-AVG
38GW3S01	46GW1401-D
46GW0101	46GW1402
46GW0102	46GW1501
46GW0201	46GW1601
46GW0301	46GW1701
46GW0401	46GW1701-AVG
46GW0501	46GW1701-D
46GW0601	46GW1801
46GW0701	46GW1901
46GW0801	46GW2001
46GW0901	46GW2001-AVG
46GW1001	46GW2001-D

The area of investigation is industrial in nature with disturbed soils classified as urban that have been paved or built upon. Wildlife species are unlikely to reside or feed at Site 46 and are more likely to be transient in route to the habitat south of the site associated with Pensacola Bay. The Pensacola Bay habitat south of Site 46 was previously assessed during the IR Site 2 investigation.

7.6.1 Step 3A Discussion

The results of the screening level assessment and Step 3A considerations are discussed on a COPC-specific basis.

7.6.1.1 VOCs

One VOC (acetone) was retained as a COPC in surface soil because an USEPA Region IV ESV was not available. Acetone is a known laboratory contaminant however, it is also a solvent used in painting so the potential exists that it may be site-related. The toxicity of acetone to animals is in the parts-per-thousand range (Opresko, 1995). The highest concentration of acetone (26 mg/kg) was found at sample location 46SB2901. Detected concentrations of acetone at all other locations were much lower (0.012 mg/kg - 0.022 mg/kg). Although toxicity data is sparse regarding its effects to invertebrates and plants, the presence of acetone at relatively low concentrations in soil probably poses negligible or minor risk.

1,2-dichlorobenzene and 1,4-dichlorobenzene were each detected in only 1 of 16 samples (46SB3401) at concentrations above the USEPA Region IV ESV for dichlorobenzene (0.01 mg/kg). The detected 1,2- and 1,4-dichlorobenzene concentrations were compared to the following toxicity guidelines to further evaluate potential risks to plants and invertebrates.

- Dutch Target Value (for chlorobenzenes sum) 0.03 mg/kg, Intervention Value 30 mg/kg. Intermediate Value 15.02 mg/kg (MVROM, 2000).
- Lowest Oak Ridge National Laboratory (ORNL) Screening Benchmark for 1,4-dichlorobenzene 20 mg/kg (based on earthworm toxicity).

The Dutch target values represent clean soil, the intervention value represents seriously contaminated soil, and the concentration midway between the target value and the intervention value is designated as an “intermediate” value. The Dutch guidelines specify that concentrations greater than the target value, but less than the intermediate value require no further investigation (but minor restrictions may be applied on soil use), while further investigation is required when concentrations exceed the intermediate value but are less than the intervention value (Swartjes, 1999).

The Dutch values are for chlorobenzene (sum) which is defined as the total of all mono-, di-, tri-, tetra, penta-, and hexachlorobenzenes. The total dichlorobenzene concentration is 0.28 mg/kg. This concentration is greater than the Dutch Target, but less than the Intermediate and Intervention Value.

ORNL developed soil screening benchmarks based on toxicity of chemicals to plants, earthworms, soil microorganisms and microbial processes (Efroymson et al., 1997a; Efroymson, Will, and Suter 1997b). The lowest of these values is used to be conservative. The concentration of 1,4-dichlorobenzene (0.11 mg/kg) is well below the ORNL benchmark for 1,4-dichlorobenzene (20 mg/kg) as is the concentration of 1,2-dichlorbenzene (0.17 mg/kg). The total dichlorobenzene concentration (0.28 mg/kg) is also less than the ORNL benchmark for 1,4-dichlorobenzene. Based on the comparison to Dutch and ORNL benchmarks, potential risk to soil invertebrates is considered minimal and spatially limited to location 46SB3401.

No USEPA Region IV ESV was found specifically for chloromethane so the ESV for aliphatic chlorinated hydrocarbons was used (0.1 mg/kg). This ESV is based on a US Fish and Wildlife Service document (Beyer, 1990) that identifies three categories of soil contamination labeled A, B, and C. A refers to background concentrations in soil or detection limits, B refers to moderate soil contamination that requires additional study, and C refers to threshold values that require immediate cleanup. The USEPA Region IV ESV for aliphatic chlorinated hydrocarbons (0.1 mg/kg) is the Beyer A value. The corresponding B and C values are 5 mg/kg and 50 mg/kg respectively. The maximum concentration of chloromethane (0.28 mg/kg) is well below the Beyer B and C values. All other detected concentrations of chloromethane were less than the USEPA Region IV ESV for aliphatic chlorinated hydrocarbons. Based on this information, potential risk to plants and soil invertebrates from chloromethane is considered minimal.

PCE was detected in 2 of 15 soil samples at or above its ESV (0.1 mg/kg). Sample location 46SB3401 had the highest concentration of 0.1 mg/kg while sample 46SB3101 had the lowest reported detected concentration of 0.006 mg/kg. The detected PCE concentrations were compared to the following toxicity guidelines to further evaluate risks to plants and invertebrates.

- Canadian Soil Quality Guideline (SQG): 3.8 mg/kg agricultural use (CCME, 1999a)
- Dutch Target Value 0.002 mg/kg, Intervention Value 4 mg/kg (MVROM, 2000)

The Canadian SQG of 3.8 mg/kg for PCE is the 25th percentile of effects and no effects data distribution for plants and invertebrates (CCME, 1999a). The maximum detected concentration of PCE at Site 46 is well below the Canadian Soil Quality Guideline for agricultural use, and for residential parkland use (3.8 mg/kg). Both of the detected concentrations of PCE also exceeded the Dutch Target Value. The intermediate value, as described previously, for PCE is 2.001 mg/kg. Both detected concentrations are

well below this benchmark. Therefore, because the detected concentrations are below these benchmarks, risk to plants and soil invertebrates from PCE are expected to be minimal.

TCE was detected in 7 of 16 soil samples at or above its ESV (0.001 mg/kg). Sample location 46SB2901 had the highest concentration of 150 mg/kg while sample 46SB4201 had the lowest reported detected concentration of 0.001 mg/kg. The detected TCE concentrations were compared to the following toxicity guidelines to further evaluate risks to plants and invertebrates.

- Canadian Soil Quality Guideline (SQG): 3 mg/kg agricultural use (CCME, 1999a)
- Dutch Target Value 0.1 mg/kg, Intervention Value 60 mg/kg (MVROM, 2000)

The Canadian SQG of 3 mg/kg for TCE is the 25th percentile of effects and no effects data distribution for plants and invertebrates, and corresponds to an effect on radish seedling emergence (CCME, 1999a). The maximum detected concentration of TCE at Site 46 exceeded the Canadian Soil Quality Guideline for agricultural use, and for Industrial Land use (31 mg/kg). The detected concentrations of TCE also exceeded the Dutch Target Value, and the maximum concentration exceeded the Dutch Intervention Value. One other sample (46SB3301) also exceeded the Canadian SQG and the Dutch Intermediate value of 30.05 mg/kg. These results indicate potential risk to plants and soil invertebrates from TCE particularly in the area of sample 46SB2901.

Twelve VOCs detected in groundwater had no USEPA Region IV ESVs for comparison. All of these compounds were detected at low concentrations. In the absence of USEPA Region IV ESVs, supplemental surface water screening values were researched. Additional sources for surface water guidelines include secondary chronic and acute values calculated by the ORNL (Suter and Tsao, 1996), using methods developed by the USEPA (USEPA,1993) for the Great Lakes. The methods developed for calculating secondary, or Tier II, values were designed for instances were there were some acceptable toxicity data for a chemical, but not enough to satisfy the requirements for calculating water quality criteria, or Tier I values. “The Tier II methodology generally produces more stringent values than the Tier I methodology, to reflect greater uncertainty in the absence of additional toxicity data (USEPA, 1993).” ORNL used methods similar to the USEPA in qualifying toxicological data for inclusion in the Tier II calculations. Both the USEPA and ORNL used primarily effect level values from 48- and 96-hour acute tests to set water quality criteria and secondary values. Chronic values are usually developed from acute values using acute-chronic ratios based on tests incorporating both types of endpoints and performed in a similar manner. It should be noted that the secondary chronic values (SCVs) are freshwater values. The following SCVs were identified for VOCs detected in groundwater that have no USEPA Region IV ESVs:

- 1,1-DCA SCV 47 µg/L
- Carbon Disulfide SCV 0.92 µg/L
- 1,2-DCE SCV 590 µg/L
- TCE SCV 47 µg/L
- Xylenes SCV 13 µg/L

All detected groundwater concentrations of the above compounds are less than their corresponding SCVs. There is uncertainty regarding potential risk associated with those compounds for which no ESVs are available; however, as previously discussed, the screening of contaminants in groundwater was performed for informational purposes and not COPC selection. The low detected VOC concentrations should become even more dilute upon discharge to Pensacola Bay and are not expected to be associated with unacceptable risk.

TPH was retained as a COPC in both surface soil and groundwater as no USEPA Region IV ESV is available. It should be noted that TPH is a general term used to describe a large family of several hundred chemical compounds that originally come from crude oil. Because there are so many different chemicals in crude oil and in other petroleum products, it is not practical to measure each one separately (ATSDR, 1999). TPH is therefore a general parameter used to evaluate potential soil and groundwater contamination from petroleum products such as gasoline, fuel oils, mineral oils, and jet fuel. As a gross measure of petroleum contamination, TPH results simply show that petroleum hydrocarbons are present in the sampled media. Many of the individual components of TPH have been evaluated for potential ecological risk at Site 46 such as benzene, toluene, ethylbenzene, xylenes, naphthalene, and PAHs. TPH is therefore not considered a COPC.

7.6.1.2 SVOCs

One SVOC (phenol) was retained as a COPC in surface soil because the maximum concentration (0.36 mg/kg) exceeded the 0.05 mg/kg ESV (HQ = 7.2). Phenol was detected in only one of three samples at location 46SB2901. The detected phenol concentration was compared to the following toxicity guidelines to further evaluate risks to plants and invertebrates.

- Canadian SQG: 20 mg/kg agricultural use (CCME, 1999b)
- Dutch Target Value 0.05 mg/kg, Intervention Value 40 mg/kg (MVROM, 2000)

The Canadian SQG of 20 mg/kg for phenol was calculated by dividing the lowest observable effect concentration (LOEC) of 79 mg/kg phenol from a study of lettuce seedling emergence by an uncertainty factor of 4 (=19.75 mg/kg) rounded up to 20 mg/kg (CCME, 1999b). The maximum detected concentration of phenol is much less than the Canadian SQG. The Dutch Target Value (0.05 mg/kg) is

the value used by USEPA Region IV as the ESV. The maximum concentration of phenol is greater than the Target value but much less than the Intervention and Intermediate Value of 20 mg/kg. Based on the low concentrations found and comparison to the Canadian and Dutch guidelines, potential risk from phenol in surface soil is considered minimal.

Nine PAHs (2-methylnapthalene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, fluorene, and ideno(1,2,3-cd)pyrene) were retained as COPCs in surface soil because USEPA Region IV ESVs were not available. Ecologically-based toxicity values are sparse for PAHs in soil, and USEPA Region IV has established screening values for only 8 of the 17 individual PAHs detected at the site. The Canadian SQG recommends individual soil screening values of 0.1 mg/kg for benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene for the protection of the environment and human health. The maximum detected concentrations of these PAHs are all below the Canadian SQG screening benchmarks (See Table 7-1). There fore the risks to plants and soil invertebrates from benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene are expected to be negligible.

The USEPA Region IV screening values for six of these eight PAHs are based on Dutch values established in the Netherlands during the 1980s. The Dutch screening values for total PAHs, include a Target value of 1 mg/kg and an Intervention value of 40 mg/kg for total PAHs (MHSP&E, 1994). The intermediate value for total PAHs in soil (i.e., the concentration midway between the target value and the intervention value) is 20 mg/kg.

An ecological screening value of 20.8 mg/kg for total PAHs was calculated by Lingenfelser (2000) for assessing risk to soil invertebrates. Lingenfelser's screening value was derived using toxicity equivalency factors and was based on a study by Neuhauser et al (1986) in which the effects of fluorene were evaluated using four species of earthworms. The similarity of Lingenfelser's screening value relative to the Dutch intermediate value provides credence for use of the Dutch value as a conservative screening value for total PAHs.

The toxicity of PAHs is often assumed to be additive, so evaluating PAH toxicity in soil by examining total PAH concentrations is especially useful when, as at Site 46, several PAHs were detected for which ecological screening values do not exist. The maximum concentration of total PAHs at Site 46 (0.181 mg/kg) was well below the USEPA Region IV ESV of 1 mg/kg, and was below both the 20 mg/kg Dutch intermediate value and the Lingenfelser (2000) soil invertebrate toxicity threshold value of 20.8 mg/kg. Thus, risks to plants and soil invertebrates from PAHs are negligible.

In groundwater, the maximum screening HQ of one PAH (naphthalene) exceeded 1.0, but was relatively low (10). All other detected concentrations of naphthalene (0.05 µg/L, 1 µg/L) were well below the USEPA Region IV ESV of 23.5 µg/L. Potential risks from naphthalene in groundwater are considered negligible.

USEPA Region IV salt water ESVs were not available for the PAHs 2-methylnapthalene and fluorene. In the absence of USEPA Region IV ESVs, Tier II SCVs (Suter and Tsao, 1996) were reviewed for applicable screening values. The following SCVs were identified:

- 1-Methylnapthalene SCV 2.1 µg/L
- Fluorene SCV 3.9 µg/L

All detected concentrations of 2-methylnapthalene in groundwater except the maximum are below the SCV for 1-methylnapthalene. All detected concentrations of fluorene in groundwater are below the SCV. Potential risks from these PAHs in groundwater are therefore considered negligible.

Bis(2-ethylhexyl)phthalate has no USEPA Region IV ESV. Bis(2-ethylhexyl)phthalate was detected in only 1 of 27 samples (46GW1401). Bis(2-ethylhexyl)phthalate was not detected in the duplicate for this sample (46GW1401-D). Phthalates are common environmental contaminants due to their use in plastics. Phthalates can also be an artifact of the sampling and/or analytical methods. Even though the maximum reported concentration of bis(2-ethylhexyl)phthalate (64 µg/L) exceeds the ORNL (Suter and Tsao, 1996) Tier II SCV (3.0 µg/L), potential risk is considered negligible.

7.6.1.3 Pesticides

Pesticides were not detected in the surface soil samples at Site 46 but several pesticides were detected in groundwater. All pesticide COPCs at Site 46 are organochlorine insecticides that are no longer used but are known to be extremely persistent in the environment. Detected concentrations of alpha and gamma-Chlordane and gamma-BHC detected in groundwater exceeded the USEPA Region IV salt water ESVs; however, they were detected in very few samples. Alpha-Chlordane was detected in 2 of 24 samples at locations 46GW0601 and 46GW0701, and gamma-Chlordane was detected in 1 of 24 samples at 46 GW0701. Gamma-BHC was detected in 1 of 24 samples at 46GW1901. Due to the low frequency of detection and the low concentrations detected (0.031 – 0.17 µg/L), and the fact that these concentrations should be less upon discharge and dilution in Pensacola Bay, potential risk from chlorinated pesticides is considered negligible.

7.6.1.4 PCBs

The PCB Aroclor-1260 was detected in 1 of 3 surface soil samples at a concentration (0.36 mg/kg) in excess of the USEPA Region IV ESV (0.02 mg/kg) resulting in a maximum screening HQ of 18. All other samples were reported as non-detected. To provide perspective, the detected Aroclor-1260 concentration was compared to the following toxicity guidelines to further evaluate risks to plants and invertebrates.

- Canadian SQG for PCBs 0.5 mg/kg agricultural use (CCME, 2001)
- Dutch Target Value for Total PCB 0.02 mg/kg, Intervention Value 1 mg/kg (MVROM, 2000)

The detected Aroclor-1260 concentration is less than the Canadian SQG (interim soil quality criterion from CCME, 1991) and the Dutch Intervention Value. While it is greater than the Dutch Target Value, it is less than the intermediate Total PCB value of 0.51 mg/kg. ORNL developed soil screening benchmarks based on toxicity of chemicals to plants, earthworms, soil microorganisms and microbial processes (Efroymson et al., 1997a; Efroymson, Will, and Suter 1997b). The lowest of these values is used to be conservative. The following ORNL value was identified for PCBs:

- ORNL Screening Benchmark for phytotoxicity 40 mg/kg

The detected concentration of Aroclor-1260 is much less than this benchmark. Based on the concentration of Aroclor-1260 detected, its frequency of detection, and the comparison to benchmarks, potential risk from PCBs in surface soil at Site 46 is considered minimal.

7.6.1.5 Metals

Aluminum, cadmium, chromium, iron, lead, and zinc were retained as COPCs in surface soil because their maximum concentrations exceeded their respective Region IV ESVs or Eco SSLs. As previously discussed, where Eco SSLs were available, the lowest value for invertebrate, plant, avian, or mammal was used. Three metals (cadmium, chromium, and lead) were identified as COPCs based on comparisons to Eco SSLs for avian or mammalian endpoints. The preliminary assessment endpoint for the screening-level ecological risk assessment is the protection of plants and soil invertebrates from adverse effects of chemicals on their growth, survival, and reproduction. The use of Eco SSLs based on avian or mammalian endpoints may be overly conservative when Eco SSLs for the specified assessment endpoints are available.

Cadmium was detected in only one of three surface soil samples. A mammalian Eco SSL of 0.36 mg/kg was used as the ESV for cadmium (USEPA, 2005a). The soil invertebrate Eco SSL is 140 mg/kg and the

plant Eco SSL is 32 mg/kg. The maximum surface soil concentration (1.2 mg/kg) is much less than the invertebrate and plant values so risk from cadmium is considered negligible.

Chromium was detected in three of three surface soil samples at Site 46. Only the maximum concentration (28.2 mg/kg) exceeded the USEPA Region IV ESV. The lowest Eco SSL for chromium (USEPA, 2005b) used as the ESV (26 mg/kg) in the screening is an avian value for trivalent chromium (chromium^{+3}). The maximum concentration of chromium in surface soil is less than the lowest Eco SSL value (81 mg/kg) for hexavalent chromium (chromium^{+6}). Chromium^{+6} is the form of chromium typically considered in screening level ecological risk assessments due to its toxicity. Although no Eco SSLs are available for soil invertebrates or plants, potential risk from chromium is considered negligible.

Lead was detected in 31 of 31 surface soil samples collected during screening and characterization activities. Lead exceeded the USEPA Region IV ESV in 25 of 31 samples. The ESV (11 mg/kg) is based on an Eco SSL for avian receptors (USEPA, 2005c). The corresponding Eco SSL for soil invertebrates is 1700 mg/kg while the Eco SSL for plants is 120 mg/kg. No surface soil concentrations exceeded the Eco SSL for invertebrates. The plant Eco SSL was exceeded at five locations (46SB0101, 46SB1501, 46SB2101, 46SB2501, and 46SB2701). HQs calculated using the Eco SSL for plants and the concentrations corresponding to the above listed locations range from 1.1 to 5.1. Overall, potential risk to plants from lead in surface soil appears minor and potential risk to soil invertebrates negligible.

Zinc was detected in three of three surface soil samples but exceeded the USEPA Region IV ESV (50 mg/kg) in only one sample (46SB3001, at 137 mg/kg). The USEPA Region IV ESV for zinc is based on the lowest ORNL screening benchmark (Efroymson et al., 1997a; Efroymson, Will, and Suter 1997b) and is based on toxicity to plants. The ORNL screening benchmark for earthworms (200 mg/kg) was not exceeded by any sample indicating negligible risk to soil invertebrates.

To further evaluate potential risk to plants, detected zinc concentrations were compared to the following toxicity guidelines to further evaluate potential risks to plants and invertebrates.

- Canadian SQG for zinc 600 mg/kg agricultural use (CCME, 1999c)
- Dutch Target Value for zinc 120 mg/kg, Intervention Value 720 mg/kg, Intermediate Value 420 mg/kg (MVROM, 2000)

The Canadian SQG is based on a LOEC from a test on seedling emergence in radish. No samples had concentrations of zinc that exceeded the Canadian SQG. The maximum concentration of zinc did exceed the Dutch Target Value but was less than the Intermediate and Intervention Values. Based on the fact

that only one sample exceeded the Region IV ESV and the comparison to the Canadian and Dutch guidelines, potential risk from zinc to plants is considered to be minimal.

Aluminum exceeded the USEPA Region IV ESV (50 mg/kg) in 27 of 31 surface soil samples and iron exceeded its USEPA Region IV ESV (200 mg/kg) in 28 of 31 samples. The USEPA Region IV ESVs for aluminum and iron are from the ORNL screening benchmarks (Efroymson et al., 1997a; Efroymson, Will, and Suter 1997b). The ESV for aluminum is based on toxicity to plants, while the ESV for iron is based on toxicity to soil microorganisms and microbial processes. USEPA Eco SSLs for aluminum and iron are not available. The Eco SSL document for aluminum (USEPA, 2003a) indicates that the typical range of aluminum in soils is from 1 percent to 30 percent (10,000 to 300,000 mg/kg) with naturally occurring concentrations varying over several orders of magnitude. The detected concentrations of aluminum at Site 46 range from 116 mg/kg to 24,500 mg/kg which falls within the cited range; however, the majority of aluminum concentrations exceed the NAS Pensacola Reference Concentration for aluminum in surface soil (3,883 mg/kg). The Eco SSL further states that because the measurement of total aluminum in soils is not considered suitable or reliable for the prediction of potential toxicity and bioaccumulation, an alternative (not concentration-based) procedure is recommended for screening aluminum in soils. The conclusion in the Eco SSL document is that aluminum is a COPC only at sites where the soil pH is less than 5.5. In the absence of soil pH data, there is uncertainty regarding potential ecological risk from aluminum however, based on the typical range of aluminum in surface soil cited in the Eco SSL (USEPA, 2003a), any risk from aluminum is considered to be negligible or minor at worst.

The USEPA Eco SSL document for iron states that identifying a specific benchmark for iron in soils is difficult because iron's bioavailability to plants and resulting toxicity are dependent upon site-specific soil conditions (USEPA, 2003b). The document indicates that typical iron concentrations in soils range from 0.2 to 55 percent (2,000 to 550,000 mg/kg) and concentrations can vary significantly, even within localized areas, due to soil types and the presence of other sources. Iron concentrations at Site 46 ranged from 50.6 mg/kg to 13,700 mg/kg which is below the lower end of the cited range; however, half of the samples had concentrations greater than the NAS Pensacola reference concentration (2,745 mg/kg). As discussed in the Eco SSL document, iron is essential for plant growth and is generally considered to be a micronutrient and is considered the key metal in energy transformations needed for syntheses and other life processes of the cells. In well-aerated soils between pH 5 and 8, the iron demand of plants is higher than the amount available. Because of this limitation, plants have evolved various mechanisms to enhance iron uptake. Under these soil conditions, iron is not expected to be toxic to plants. In the absence of soil pH data, there is uncertainty regarding potential ecological risk from iron; however, based on the typical range of iron in surface soil cited in the Eco SSL (USEPA, 2003b), any risk from iron is considered to be negligible.

Six metals (chromium VI, copper, lead, nickel, silver, and zinc) had maximum groundwater concentrations in excess of corresponding USEPA Region IV salt water ESVs. Each of these metals is addressed individually below.

Chromium was detected in 12 of 26 groundwater samples. Only 3 of these 12 samples had concentrations (52.3 µg/L, 75 µg/L, and 244 µg/L) in excess of the USEPA Region IV salt water ESV of 50 µg/L for chromium^{+6}. No USEPA Region IV salt water ESV is available for chromium^{+3}; however, no sample exceeded the USEPA Region IV fresh water ESV for chromium^{+3} (644 µg/L). The freshwater ESV was calculated using an equation provided with the USEPA Region IV ESVs for metals whose ESVs are hardness dependent. The equation used is based on a hardness range of 25 mg/L to 400 mg/L as calcium carbonate. As the maximum hardness in Site 46 groundwater exceeded the upper end of this range (1482 mg/L) a maximum hardness value of 400 mg/L was used to calculate the ESV. The ESVs for chromium are expressed as dissolved metal in the water column while the groundwater data is for total metal. The dissolved fraction would be anticipated to be present at a lower concentration. Based on this and the fact that dilution upon discharge into Pensacola Bay is not considered, chromium in groundwater is considered to pose negligible risk.

Copper was detected in 2 of 26 groundwater samples. The maximum concentration (97.8 µg/L) was detected in the duplicate of sample 46GW2001. Sample 46GW2001 was reported as non-detected for copper. There is uncertainty in the results for these samples. Sample 46GW1601 had a reported copper concentration (20.2 µg/L) that is greater than the USEPA Region IV salt water ESV (2.9 µg/L). Only the maximum detected concentration (sample 46GW2001-D) exceeded the USEPA Region IV fresh water ESV for copper (38.66 µg/L) based on a maximum hardness of 400mg/L. The USEPA Region IV ESV is based on dissolved metal while the results reflect total metals. As previously discussed the dissolved fraction would be less. Due to the low concentrations, low frequency of detection and considering potential dilution upon discharge, copper is considered to pose negligible risk.

Lead was detected in 15 of 26 groundwater samples. Of these 15 samples, only one sample (38GW1SO01 at 23.7 µg/L) exceeded the USEPA Region IV ESV (8.5 µg/L). The USEPA Region IV ESV is based on dissolved metal while the results reflect total metals. As previously discussed the dissolved fraction would be less. Due to the low concentrations, low frequency of detection and considering potential dilution upon discharge, lead is considered to pose negligible risk.

Nickel was detected in 12 of 26 groundwater samples but only two of these samples had concentrations (17.8 µg/L-31.3 µg/L) in excess of the USEPA Region IV salt water ESV (8.3 µg/L). All detected concentrations were less than the USEPA Region IV fresh water ESV (509.42 µg/L) based on a maximum hardness of 400mg/L. The USEPA Region IV ESV is based on dissolved metal while the

results reflect total metals. As previously discussed the dissolved fraction would be less. The NAS Pensacola Reference Concentration for nickel is 39.9 µg/L. All detected concentrations of nickel in groundwater are less than the reference concentration. Due to the low concentrations and considering potential dilution upon discharge, nickel is considered to pose negligible risk.

Silver was detected in only 1 of 26 groundwater samples at a concentration (4.5 µg/L) slightly above the detection limit (4.4 µg/L). This concentration is greater than the USEPA Region IV salt water ESV (0.23 µg/L) and the USEPA Region IV fresh water chronic ESV (0.012 µg/L). No other salt water screening values were identified but an ORNL Secondary Chronic Value (Suter and Tsao, 1996) for silver in fresh water was available (0.36 µg/L). The NAS Pensacola Reference Concentration for silver in groundwater is 4 µg/L. The reported concentration is only slightly higher than the Reference Concentration. Although the reported concentration is greater than the ORNL value, due to the low concentration, low frequency of detection, and considering potential dilution upon discharge, silver is considered to pose negligible risk.

Zinc was detected in 12 of 26 samples and 5 of the 12 samples (38GW0501, 38GW1S01, 38GW3S01, 46GW0601, 46GW0701) had concentrations (166 µg/L, 130 µg/L, 115 µg/L, 156 µg/L, and 164 µg/L respectively) in excess of the USEPA Region IV salt water ESV (86 µg/L). All detected concentrations were less than the USEPA Region IV fresh water ESV (343 µg/L) based on a maximum hardness of 400mg/L. The NAS Pensacola Reference Concentration for zinc in groundwater is 153 µg/L. All detected concentrations but two are below this reference value. Based on the comparison to the reference concentration, the limited number of samples that exceeded the USEPA Region IV ESV, and potential dilution upon discharge, zinc is considered to pose negligible risk.

USEPA Region IV salt water ESVs were not available for seven metals (aluminum, barium, beryllium, cobalt, iron, manganese, and vanadium). Alternate sources of screening benchmarks were researched and where available, comparisons to groundwater concentrations were made.

USEPA has published a National Recommended Water Quality Criteria (NRWQC) for aluminum that is based on surface water pH (USEPA, 2006). The chronic fresh water criterion is 87 µg/L for a pH range of 6.5 to 9.0. No salt water criterion is available for aluminum. Aluminum was detected in 8 of 26 samples and all eight samples had concentrations in excess of the NRWQC chronic criterion. No pH data is available for the sampled groundwater. The NAS Pensacola Reference Concentration for aluminum in groundwater is 3,882.76 µg/L. Only 4 of 26 samples had concentrations in excess of the Reference Concentration. Considering the comparison to the reference concentration and dilution upon discharge, potential risk from aluminum is considered minimal.

An ORNL Tier II SCV (Suter and Tsao, 1996) is available for barium (4.0 µg/L). Barium was detected in 24 of 26 groundwater samples exceeding the SCV in all samples. Although barium was detected in the majority of samples at concentrations above the fresh water SCV, based on potential dilution effects upon discharge to Pensacola Bay, potential risk from barium is considered minimal.

An ORNL Tier II SCV (Suter and Tsao, 1996) is available for beryllium (0.66 µg/L). Beryllium was detected in 4 of 26 samples at concentrations less than the fresh water SCV. The NAS Pensacola Reference Concentration for beryllium in groundwater is 1.1 µg/L. All samples had concentrations less than this reference value. Based on the low concentrations, low frequency of detection, and potential effects of dilution, potential risk from beryllium in groundwater is considered negligible.

An ORNL Tier II SCV (Suter and Tsao, 1996) is available for cobalt (23 µg/L). Cobalt was detected in 5 of 26 samples at concentrations less than the fresh water SCV. The NAS Pensacola Reference Concentration for cobalt in groundwater is 4.1 µg/L. All detected concentrations of cobalt in groundwater are less than this reference value. Based on the low concentration, low frequency of detection, and potential effects of dilution, potential risk from cobalt in groundwater is considered negligible.

No salt water screening benchmark was identified for iron but a chronic fresh water NRWQC (1,000 µg/L) was found for comparison to detected groundwater concentrations. Iron was detected in 12 of 26 samples of which 10 samples had an iron concentration in excess of the NRWQC. The screening value for iron of 1,000 mg/L is based primarily on field observation of cold water species. The criteria rationale notes that variations in ambient surface water conditions including alkalinity, hardness, pH, temperature, and the presence of ligands may affect the solubility and ultimately the toxicity of the metal (USEPA, 1976). Although iron was detected in a number of samples at concentrations above the fresh water NRWQC, based on potential dilution effects upon discharge to Pensacola Bay, potential risk from iron is considered minimal.

Manganese was detected in 22 of 26 groundwater samples with no concentrations exceeding the ORNL (Suter and Tsao, 1996) SCV (120 µg/L). Based on this information and potential dilution effects upon discharge to Pensacola Bay, potential risk from manganese is considered negligible.

Vanadium was detected in 10 of 26 groundwater samples and four of these samples had concentration in excess of the ORNL (Suter and Tsao, 1996) SCV (20 µg/L). Although vanadium was detected in samples at concentrations above the fresh water SCV, based on potential dilution effects upon discharge to Pensacola Bay, potential risk from vanadium is considered minimal.

7.7 UNCERTAINTY

Uncertainty is associated with all aspects of the ecological assessment methodology presented in the preceding sections. This section provides a summary of the uncertainties.

7.7.1 Uncertainty in the Problem Formulation

There is uncertainty in the extent that wildlife receptors are present at Site 46. The site provides poor habitat comprised of paved surfaces, buildings, and disturbed soils and as a result, significant habitation and foraging probably does not occur at the site. The precise extent of overestimation is uncertain.

7.7.2 Uncertainty in the Ecological Effects Characterization

The ESVs used in the assessment might not adequately represent toxicity thresholds for receptors under field conditions. In addition, the ESVs might not adequately represent toxicity thresholds for other species. These uncertainties may overestimate or underestimate potential risks.

Data for investigating toxicity to reptiles and amphibians from oral ingestion of contaminants are sparse. Thus, potential risks were not evaluated for reptiles and amphibians. Due to the lack of habitats for reptiles and amphibians at the site, the resulting uncertainty is minor.

7.7.3 Uncertainty in the Exposure Assessment

Detection limits for some non-detected metals (nickel and silver) in groundwater exceeded ESVs in some samples (Table 7-2). While the high detection limits prevents a complete evaluation of the presence of these metals in these samples, the overall impact of this uncertainty is not considered significant.
The dermal exposure for upper-level receptors was not evaluated, potentially underestimating risks. However, because few upper-level receptors probably use Site 46, this exposure route is considered negligible.

Soil samples evaluated in this risk assessment consisted of samples no deeper than 1 foot below the soil surface. However, tree roots extend deeper than 1 foot below the surface, and mammals such as moles could burrow deeper than 1 foot. With the exception trees, terrestrial species at the site would rarely (if ever) be exposed to soils deeper than 1 foot below the surface. The uncertainty resulting in evaluating only surface soils is negligible.

7.7.4 Uncertainty in the Risk Characterization

This uncertainty results from the combination of the above uncertainties. A weight-of-evidence approach to assess risks was used to reduce the overall uncertainty in these situations.

Uncertainty in risk characterization also results from the lack of data regarding the toxicity of multiple chemicals. For example, detectable concentrations of multiple COPCs were identified at several locations. The extent to which these concentrations might contribute to cumulative toxicity is uncertain.

7.8 SUMMARY AND CONCLUSIONS

Concentrations of a number of contaminants in surface soil exceeded conservative screening levels that are associated with potential risk to ecological receptors. Several detected contaminants, while possibly associated with Site 46, may also have been transported from adjacent IR Site 38 through the trenches that connected the former buildings, and via storm water runoff. Similarly, contaminants detected in groundwater may be associated with Site 46 or upgradient source(s) such as IR Site 38. When conservative assumptions used in the ecological risk assessment are re-evaluated and factors that affect potential exposures such as quality of the habitat and potential use of the site by ecological receptors are considered, the overall level of ecological risk associated with detected contaminants is considered to be minimal. The following conclusions are discussed by the groups of chemical contaminants identified at Site 46.

While overall risk to soil invertebrates and plants from VOC contaminants at Site 46 is low, the results indicate potential risk to plants and soil invertebrates from TCE, particularly in the area of sample 46SB2901. However, this risk is lessened by the limited area of exposed soil available to soil invertebrates and plants.

There is uncertainty regarding potential risk associated with VOCs in groundwater for which no ESVs are available however, the low VOC concentrations should become even more dilute upon discharge to Pensacola Bay and are not expected to be associated with unacceptable risk.

There is uncertainty regarding potential risk associated with PAHs for which no surface soil ESVs are available; however, total PAH concentrations were less than the USEPA Region IV ESV and the other cited benchmarks. Thus, risks to plants and soil invertebrates from PAHs are negligible.

Potential risk from PAHs in groundwater is considered negligible.

Potential risk from bis(2-ethylhexyl)phthalate detected in groundwater is considered negligible.

Pesticides were not detected in surface soil at Site 46 and were detected in groundwater at low frequency and low concentrations. Considering the low frequency of detection and dilution upon discharge in Pensacola Bay, potential risk from chlorinated pesticides is considered negligible.

Based on the detected concentration of Aroclor-1260, its frequency of detection, and the comparison to benchmarks, potential risk from PCBs in surface soil at Site 46 is considered minimal.

Overall, potential risk to plants and soil invertebrates from metals in surface soil appears negligible, but a low level of potential risk to plants may be present from lead in surface soil. However, this risk is lessened by the limited areas of exposed soil available to soil invertebrates and plants. While no pH data is available for surface soil at Site 46, potential risk to plants and soil invertebrates from aluminum and iron is considered negligible.

Potential risk from metals detected in groundwater at Site 46 is considered negligible.

8.0 SUMMARY AND CONCLUSIONS

The primary objective of this RI is to provide data to evaluate the current environmental conditions and guide the selection of a remedy that is protective of human health and the environment for any contamination present at Site 46. In order to achieve this primary objective, samples from various media were collected and analyzed to fill data gaps from previous investigations. Samples from various media were used to evaluate the extent of contamination previously documented at the site and current site conditions.

8.1 SITE HYDROLOGY

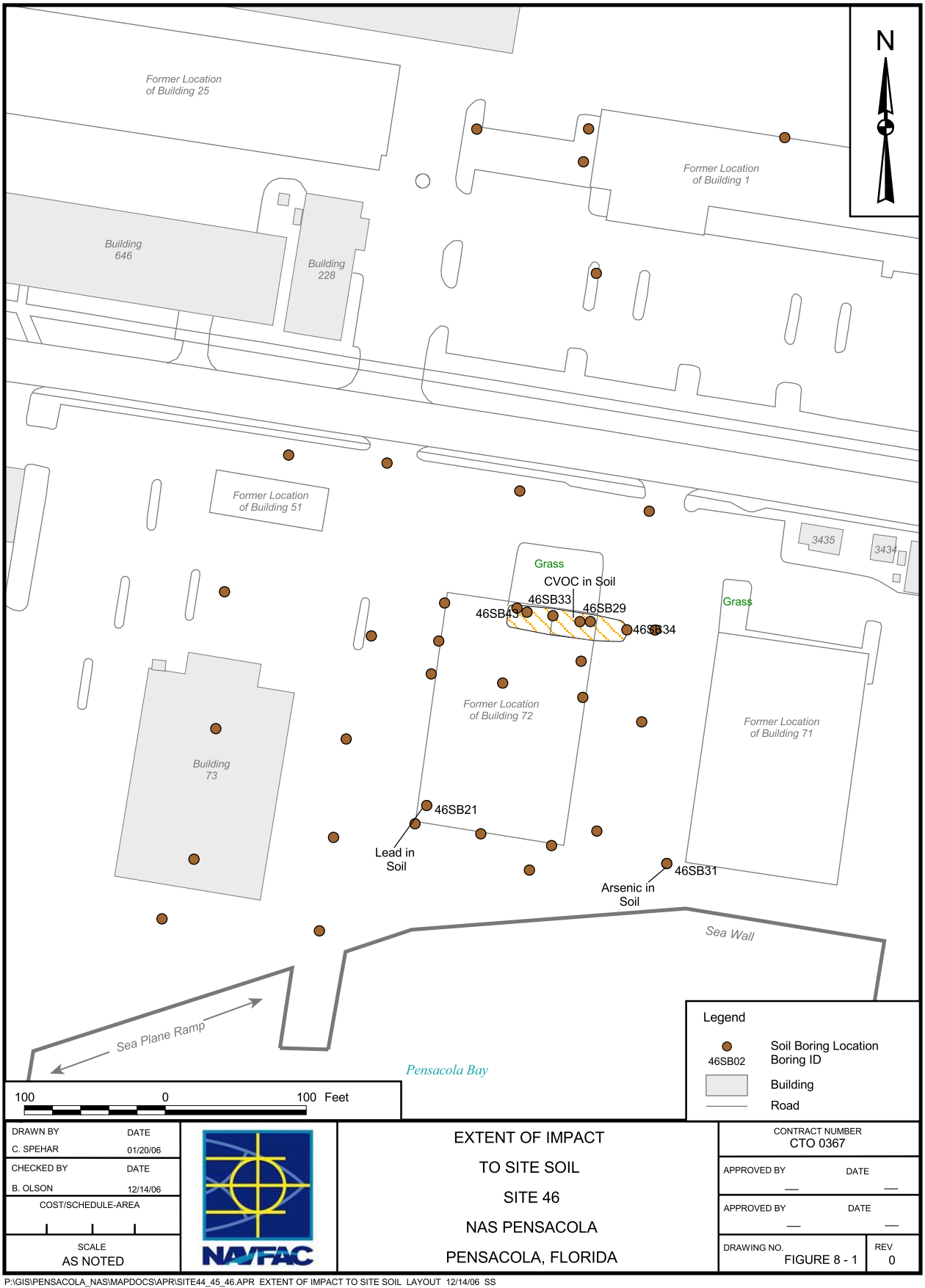
The depth to groundwater at Site 46 ranges from 3 to 5 feet in the shallow monitoring wells and from 4 to 5 feet in the deep monitoring wells and is controlled primarily by surface topography and proximity to Pensacola Bay. Groundwater flow direction in the shallow groundwater interval is to the south towards Pensacola Bay. The estimated average groundwater velocity for the shallow zone at the site was calculated at 2.86 feet/day and the estimated average groundwater velocity for the deep zone at the site was calculated at 0.19 feet/day. Vertical gradients were observed in adjacent pairs of shallow and deep monitoring wells, with upward gradients to the north of Radford Boulevard and adjacent to Pensacola Bay.

8.2 SOIL ASSESSMENT

The release of contaminants at Site 46 probably resulted from routine aircraft maintenance activities and storage of materials used in these activities. The detection of metals and CVOCs at Site 46 supports paint stripping activities as a probable source of contamination.

The lead screening identifed one surface soil sample location with a lead concentration greater than the residential SCTL, but less than the industrial SCTL (Figure 8-1). Reported lead concentrations in all soil samples collected from below 6 inches were less than the residential SCTL. The lead concentration in the site characterization sample collected from the same interval in an adjacent soil boring was less than the residential SCTL, suggesting that lead contamination is limited in site soil. Lead concentrations in soil samples submitted for SPLP extraction did exceed the GCTL for lead.

Arsenic was reported at concentrations equal to or greater than the residential SCTL in the soil samples collected from 0-6 inches and 6 inches to 2 feet at one soil boring location (Figure 8-1). However, the detected concentrations were within the background range determined by the facility-wide statistical evaluation analysis of arsenic and iron for NAS Pensacola (Appendix B), and are therefore not believed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CVOC in Soil
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46SB34
Grass
Former Location of Building 72
Former Location of Building 71
Building 73
46SB21
Lead in Soil
46SB31
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SITE 46
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PENSACOLA, FLORIDA
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to represent a release of arsenic due to site activities. These samples were collected from a soil boring adjacent to the area investigated for IR Site 38.

Aluminum was reported in one soil characterization sample with a SPLP result greater than the NAS Pensacola reference concentration. Aluminum was detected in the SPLP results for seven other samples at concentrations greater than the GCTL, but less than the NAS Pensacola reference concentration.

TCE was detected at two soil boring locations near the northeast corner of Building 72 at concentrations greater than the industrial SCTL and leaching SCTL (Figure 8-1). Two additional locations had TCE concentrations exceeding the leaching SCTL.

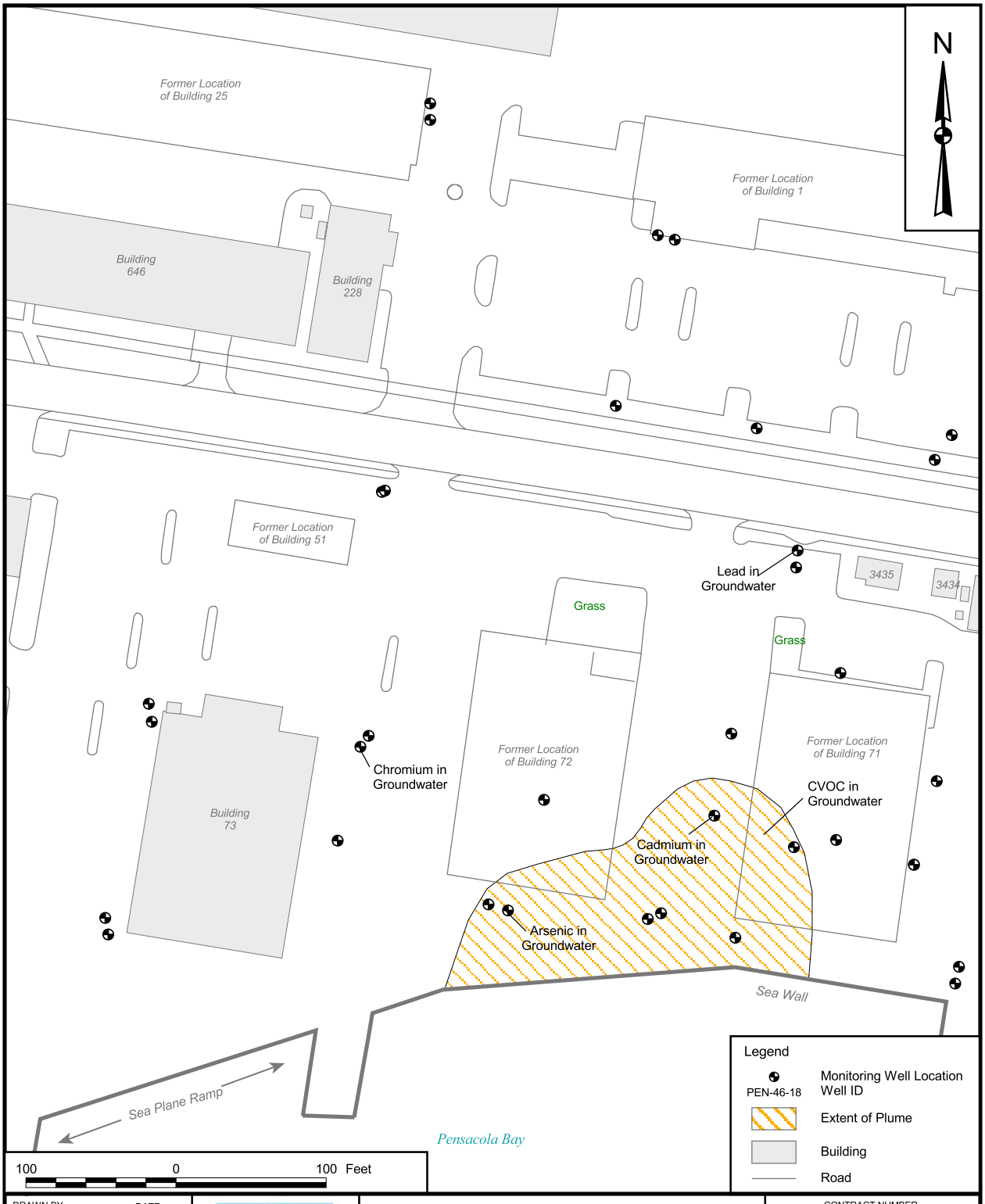
Chloromethane, methylene chloride, PCE , and cis-1,2 DCE were detected in soil screening samples at concentraions greater than the Leaching SCTLs. Acetone and phenol were also detected at concentrations exceeding the leaching SCTL in one confrirmation soil sample from the same area as the TCE exceedances.

8.3 GROUNDWATER ASSESSMENT

Groundwater samples collected at Site 46 were analyzed for the full suite of TCL and TAL analytes and petroleum hydrocarbons. Concentrations of pesticides, PCBs and TRPH in groundwater were less than the laboratory detection limits. These laboratory detection limits were less than the GCTLs or the target practical quanititation limits (FDEP, 2004b), where established.

VOCs, SVOCs, and PAHs were reported in groundwater samples collected at Site 46. TCE and vinyl chloride were the only VOCs detected at concentrations exceeding GCTLs in multiple wells. Previously installed Site 38 monitoring wells 38GS03 (11 μg/L) and 38GS13 (17 μg/L) were reported to contain the elevated concentrations (Figure 8-2). The vinyl chloride concentrations also were greater than the marine surface water criteria of 2.4 μg/L. Bromodichloromethane (PEN-46-01) and chlorodibromomethane (PEN-46-14) were each detected in one groundwater sample at concentrations slightly exceeding the GCTLs. Naphthalene was detected in four of the groundwater samples collected at Site 46, with the concentration in one monitoring well greater than the GCTL. Bis(2-ethylhexyl)phthalate was detected at a concentration greater than the GCTL in one field duplicate sample. The well was resampled in May 2006 and the bis(2-ethylhexyl)phthalate result from that sampling event was less than the laboratory detection limit. Concentrations of pesticides, PCBs and TRPH were less than the laboratory detection limits.

A wide range of metals were reported in groundwater samples collected at Site 46. Arsenic (PEN-46-19), cadmium (38GS05), and lead (38GS01) were each detected in one shallow monitoring well at



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CHECKED BY B. OLSON	DATE 4/4/08		APPROVED BY — DATE —
COST/SCHEDULE-AREA			APPROVED BY — DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 8 - 2 REV 0

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concentrations greater than their GCTLs. An exceedance of the chromium GCTL was detected in one deep monitoring (PEN-46-16).

Manganese was detected in most of the groundwater samples collected at Site 46. The reported manganese concentrations in nine monitoring wells exceeded the manganese GCTL. These exceedances occurred equally in monitoring wells screened in the shallow and the deep surficial aquifer.

Sodium was detected in most of the groundwater samples collected at Site 46. The reported sodium concentrations in 18 monitoring wells exceeded the sodium GCTL. These exceedances occurred equally in monitoring wells screened in the shallow and the deep surficial aquifer.

Aluminum, iron and vanadium were detected in only deep monitoring wells at concentrations exceeding the screening criteria.

Analytical results from selected monitoring wells located closest to Pensacola Bay were also compared to the GCTLs for discharge to marine surface waters. Vinyl chloride concentrations in two wells (PEN-38GS03 and PEN38GS13) exceeded the marine surface water criteria as well as the GCTL. These monitoring wells are previously installed wells from the Site 38 RI that were sampled for the Site 46 investigation. The naphthalene concentration in one well, PEN-46-19, exceeded the marine surface water criteria as well as the GCTL.

Iron concentrations in two wells, PEN-46-14 and PEN46-20, exceeded the marine surface water criteria as well as the GCTL.

Beyrillium (PEN-46-20), chromium (PEN-38GI03), copper (PEN-46-20), nickel (PEN-46-14), and zinc (38GS03), were detected in at concentrations greater than the marine surface water criteria but less than the NAS Pensacola reference concentrations or GCTLs.

8.4 HUMAN HEALTH RISK ASSESSMENT

The risk assessment considered five receptor scenarios; however, maintenance workers and trespassers/recreational users are considered to be the most likely receptors at Site 46 under current land use. The carcinogenic and non-carcinogenic risks for the hypothetical future resident exceed USEPA and FDEP target risk levels and HIs, respectively, for soil and groundwater. In soil, the primary driver of risk is TCE; in groundwater, the primary drivers of risk are chlorinated VOCs and arsenic. For the construction worker, concentrations of aluminum in surface soil elevate the HI above the target of 1. For the industrial worker, concentrations of TCE in surface and subsurface soil elevate the ILCR above

1×10^{-6}. Concentrations of lead in soil and groundwater do not result in blood level lead concentrations in any of the evaluated receptors.

8.5 ECOLOGICAL RISK ASSESSMENT

The ecological risk assessment evaluated factors that affect potential exposures such as quality of the habitat, and potential use of the site by ecological receptors. The overall level of ecological risk associated with detected contaminants is considered to be minimal. Potential risk to soil invertebrates and plants from TCE and lead at Site 46 is low. This risk is lessened by the limited area of exposed soil available to soil invertebrates and plants.

8.6 CONCLUSIONS

The area at the northeast corner of Building 72 (Figure 8-1) is the location where TCE and other CVOCs were detected in surface soil and subsurface soil samples at concentrations exceeding risk-based screening criteria. The elevated human health risk will require active remediation to prevent further impact to site groundwater. An interim removal action should be considered to expedite site cleanup in this area.

Metals and CVOCs in groundwater at Site 46 exceeded risk-based screening criteria. The proposed plan for remediation at Site 38 has established that natural attenuation of metals and CVOCs is sufficently protective of human health and the environment. Because the groundwater contaminants and concentrations for Site 46 are similar to those of Site 38, a similar remedial approach, monitored natural attenuation, should be considered for Site 46. A detailed evaluation of alternatives to achieve this goal should be presented in a Feasibility Study for Site 46.

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APPENDIX A

FIELD DATA SHEETS

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 38GW3I01 ~~38GW1I01~~
Sample Location:
Sampled By: JTB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1315								
Method: Low Flow								

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: Low Flow	1ST	6.65	4.687	24.10	7.01	0.58	-138.3	1308
Monitor Reading (ppm): 0		6.62	4.679	24.19	4.19	0.17	-153.3	1310
Well Casing Diameter & Material Type: 2" PVC		6.61	4.673	24.24	3.94	0.15	-159.5	1312
Total Well Depth (TD): 41.32								
Static Water Level (WL): 4.60								
One Casing Volume(gal/L): 5.8								
Start Purge (hrs): 1300								
End Purge (hrs): 1312								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

Sample ID No.: 38GW0501
Sample Location:
Sampled By:
C.O.C. No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 1130	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: Bladder								

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	SWL
Method:								1105	
Monitor Reading (ppm):	2.5	7.11	1.063	21.14	9	.18	-20.7	1110	3.82
Well Casing Diameter & Material	5.0	7.14	.982	21.81	3	.14	-26.5	1115	3.83
Type: 2.0" PVC	7.5	7.15	.982	22.04	2	.14	-31.1	1120	3.83
Total Well Depth (TD): 13.13									
Static Water Level (WL): 3.75									
One Casing Volume(gal/L): 5.76									
Start Purge (hrs): 1105									
End Purge (hrs): 1120									
Total Purge Time (min): 15									
Total Vol. Purged (gal/L): 7.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD | **Duplicate ID No.:**

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 38GW1301
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 1250	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: Low flow								

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method:								1225	Start
Monitor Reading (ppm):	2.5	7.09	2513	22.64	11	.12	-220.4	1230	4.00
Well Casing Diameter & Material	5.0	7.04	2.492	23.21	4	.14	-237.8	1235	4.00
Type: 2.0" PVC	7.5	6.98	2.765	23.42	3	.07	-244.8	1240	3.98
Total Well Depth (TD): 12.81									
Static Water Level (WL): 3.97									
One Casing Volume(gal/L): 5.46									
Start Purge (hrs): 1225									
End Purge (hrs): 1240									
Total Purge Time (min): 15									
Total Vol. Purged (gal/L): 7.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

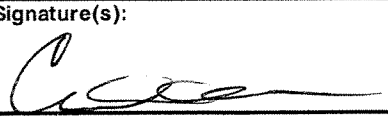
****Field Test Kit Results****

Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):



TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 38GW1501 ~~38GW3501~~
Sample Location:
Sampled By: JB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 0950	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: low flow	clear	7.09	1.169	22.21	2.53	0.59	44.8	0946

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1 ST	7.13	1.155	22.22	26.3	0.90	248.9	~~0924~~ 0926
Monitor Reading (ppm): 0		7.11	1.154	22.16	9.64	0.67	36.8	0938
Well Casing Diameter & Material		7.08	1.171	22.23	8.91	0.61	54.1	0942
Type: 2" PVC		7.09	1.169	22.21	2.53	0.59	44.8	0946
Total Well Depth (TD): 12.70								
Static Water Level (WL): ~~4.70~~ 4.60								
One Casing Volume(gal/L): 1.3								
Start Purge (hrs): 0920								
End Purge (hrs): 0946								
Total Purge Time (min): 26								
Total Vol. Purged (gal/L): 5.5								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 38GW1S01 ~~38GW9I01~~
Sample Location: 92
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 0945								
Method: soda straw/low flow	clear	7.31	11.43	25.46	5	.09	-222.5	0945

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	SVL
Method: low flow								0920	
Monitor Reading (ppm): Ø	2.5	7.30	11.48	25.27	14	.11	-206.5	0925	4.78
Well Casing Diameter & Material	5.0	7.31	11.47	25.29	5	.10	-215.7	0930	4.80
Type: 2.0" PVC	7.5	7.31	11.43	25.46	5	.09	-222.5	0935	4.80
28.65 Total Well Depth (TD): ~~12.70~~									
4.70 Static Water Level (WL): ~~4.60~~									
One Casing Volume(gal/L): 3.8									
Start Purge (hrs): 0920									
End Purge (hrs): 0935									
Total Purge Time (min): 15									
Total Vol. Purged (gal/L): 2.5L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [signature]

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 38GW3501 ~~38GW1501~~
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 1140	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: low flow	clear	6.89	2.710	23.38	1.52	0.28	-125.2	1140

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1st	6.66	3.207	23.81	2.29	0.22	-46.7	1119
Monitor Reading (ppm): 0		6.90	2.773	23.55	2.36	0.34	-113.2	1124
Well Casing Diameter & Material		6.89	2.715	23.42	2.35	0.31	-120.2	1126
Type: 2" PVC		6.89	2.710	23.38	1.52	0.28	-125.2	1130
Total Well Depth (TD): 12.78								
Static Water Level (WL): 4.07								
1.3 One Casing Volume(gal/L): ~~1.5~~								
Start Purge (hrs): 1110								
End Purge (hrs): 1130								
Total Purge Time (min): 20								
Total Vol. Purged (gal/L): 2.1								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	(YES) / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	(YES) / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	(YES) / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	(YES) / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	(YES) / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	(YES) / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: Site 46

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0101
Sample Location: Site 44
Sampled By: Baldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date: 12/18/05								
Time: 0852								
Method: Low Flow	Clear	7.08	.192	21.89	5.90	2.53	71.1	0852

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Date: 12/18/05								
Method: Low Flow	Initial	6.09	.205	20.97	15	5.08	79.9	0827
Monitor Reading (ppm): 0	1.5g	7.03	.179	22.11	13.4	2.94	78.4	0835
Well Casing Diameter & Material	2.5g	7.06	.180	21.99	9.99	2.92	76.8	0839
Type: 2" PVC	3g	7.08	.176	21.79	6.02	2.79	74.4	0844
Total Well Depth (TD):	4g	7.08	.192	21.89	5.90	2.53	71.1	0851
Static Water Level (WL): 3.55								
One Casing Volume(gal/L): ~2								
Start Purge (hrs): 0827								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

750 ml/min
Purging WL 3.57
Cut back to 500 ml/min @ 2.5g
Purging WL @ 3.56

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
		Baldwell

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: N00007

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0201
Sample Location: PEW-46-02
Sampled By: WDO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date: 12-16/05								
Time: 1003								
Method: Low Flow								

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	250mL
Date: 12-18/05									
Method: Low Flow	1 W, T	6.87		19.57	116	1.93	71.7	0830	4.03
Monitor Reading (ppm): —	1 l	6.67	0.967	20.78	109.1	0.42	5.8	0836	4.04
Well Casing Diameter & Material	2 l	6.64	0.962	21.49	91.0	0.41	-6.9	0840	4.04
Type: 2" PVC	3 l	6.62	0.961	21.69	91.0	0.57	-8.3	0844	4.05
Total Well Depth (TD): 49.40	5 l	6.60	0.960	22.31	89.7	0.40	-10.1	0852	4.05
Static Water Level (WL): 3.82	7 l	6.59	0.958	22.40	67.1	0.30	-9.9	0900	4.06
One Casing Volume(gal/L): -	10 l	6.59	0.957	22.56	47.2	0.36	-8.5	0912	4.07
Start Purge (hrs): 0928	13 l	6.57	0.957	22.52	38.2	0.24	-5.8	0924	4.08
End Purge (hrs): 1000	16 l	6.58	0.958	22.61	30.8	0.12	-5.8	0936	
Total Purge Time (min): 92	19 l	6.57	0.957	22.83	26.6	0.22	-6.2	0948	
Total Vol. Purged (gal/L): 22	22 l	6.57	0.959	22.69	31.7	0.21	-4.1	1000	4.08

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

Field Test Kit Results

1 Eqm vol = 1 l

Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0301
Sample Location:
Sampled By: JB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/18/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 0930	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: low flow	clear	6.85	.283	22.95	5.80	2.48	65.5	0928

PURGE DATA:

Date: 12/18/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1st	6.90	.287	22.67	35.2	2.45	104.5	0920
Monitor Reading (ppm): 0		6.85	.284	22.98	9.02	2.57	71.1	0922
Well Casing Diameter & Material		6.84	.283	22.97	6.84	2.49	66.8	0924
Type: low flow		6.85	.283	22.95	5.80	2.48	65.5	0928
Total Well Depth (TD): 12.90								
Static Water Level (WL): 3.93								
One Casing Volume(gal/L): 1.4								
Start Purge (hrs): 0900								
End Purge (hrs): 0928								
Total Purge Time (min): 28								
Total Vol. Purged (gal/L): 1.4								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	(YES) / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	(YES) / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	(YES) / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	(YES) / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	(YES) / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	(YES) / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:
(MS/MSD) Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0401
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/15/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 0945								
Method:								

PURGE DATA:

Date: 12/15/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method:								0858	5 GL
Monitor Reading (ppm):	3.0	8.32	1.002	23.53	>100	.12	-157.2	0903	4.00
Well Casing Diameter & Material Type: 2.0" PVC	5.5	8.52	.685	24.10	7100	.14	-155.4	0908	4.00
Total Well Depth (TD): 47.30	8.0	8.52	.681	24.09	7100	.09	-163.0	0913	4.02
Static Water Level (WL): 4.20	10.5	8.52	.665	24.22	7100	.11	-164.5	0918	4.12
One Casing Volume(gal/L): 27.5	13.0	8.51	.661	24.18	7100	.11	-203.8	0923	4.09
Start Purge (hrs): 0858	15.0	8.51	.654	24.16	135	.07	-185.6	0928	4.10
End Purge (hrs): 0938	20.5	8.49	.651	24.18	137	.07	-187.9	0938	4.02
Total Purge Time (min): 40									
Total Vol. Purged (gal/L): 20.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

stabilized water

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0501
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/14/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1205								
Method:								

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method:									SVE
Monitor Reading (ppm):	2.5L	7.08	.264	24.86	8	.75	26.6	1145	
Well Casing Diameter & Material	5.0	7.02	.268	24.73	5	.69	26.6	1150	5.0C
Type: 2.0" PVC	7.5	7.01	.273	24.62	4	.69	27.9	1155	4.9C
Total Well Depth (TD): 12.10								1200	5.0C
Static Water Level (WL): 4.96									
One Casing Volume(gal/L): 4.34									
Start Purge (hrs): 1145									
End Purge (hrs): 1200									
Total Purge Time (min): 15									
Total Vol. Purged (gal/L): 7.5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0601
Sample Location:
Sampled By: JTB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/18/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1205								
Method: low flow	clear	6.76	.714	23.74	1.33	0.97	87.5	1205

PURGE DATA:

Date: 12/18/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1st	6.76	.694	23.89	73.6	1.92	73.1	1149
Monitor Reading (ppm): 0		6.77	.705	23.78	3.36	1.37	79.6	1154
Well Casing Diameter & Material Type: 2" PVC		6.77	.713	23.74	2.05	1.06	85.9	1157
		6.76	.714	23.74	1.33	0.97	87.5	1202
Total Well Depth (TD): 12.6								
Static Water Level (WL): 5.15								
One Casing Volume(gal/L): 1.2								
Start Purge (hrs): 1138								
End Purge (hrs): 1203								
Total Purge Time (min): 25								
Total Vol. Purged (gal/L): 2.6								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	(YES) / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	(YES) / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	(YES) / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	(YES) / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	(YES) / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	(YES) / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: W00007

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0701
Sample Location: PEW-46-07
Sampled By: LBO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date:								
Time: 1145								
Method:								

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Date: 12-18-05									
Method: Low Flow	1 Vol	6.95	1.316	23.70	11.8	1.08	79.8	1130	5.35
Monitor Reading (ppm): –	1 gal	7.11	1.316	24.10	5.13	0.16	32.6	1134	5.35
Well Casing Diameter & Material	1.5 gal	7.13	1.329	24.10	3.24	0.17	8.6	1138	
Type: 2" PVC	2 gal	7.11	1.320	24.02	0.98	0.20	1.3	1142	5.35
Total Well Depth (TD): 18.00									
Static Water Level (WL): 5.62									
One Casing Volume(gal/L): 1.18									
Start Purge (hrs): 1128									
End Purge (hrs): 1142									
Total Purge Time (min): 14									
Total Vol. Purged (gal/L): 2 gal									

1128
~~13.00~~
5.62
7.38
.74
.37
.07
1.18

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
		[signature]

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: Site 46

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0801
Sample Location: Site 44
Sampled By: BCaldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date: 12/18/05								
Time: 1136								
Method: Low Flow	Tinted	8.59	.685	24.98	3.47	0.11	-103.5	1136

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Date: 12/18/05								
Method: Low Flow	Initial	9.11	.599	22.79	32.9	1.98	-38.4	1114
Monitor Reading (ppm): 0	.5gals	8.77	.863	24.74	25.6	.10	-131.2	1119
Well Casing Diameter & Material	1gal	8.73	.701	24.94	9.48	.12	-110.2	1125
Type: 2" PVC	1.75g	8.64	.687	24.94	4.06	.21	-100.3	1130
Total Well Depth (TD): 50	2.5g	8.59	.685	24.98	3.47	0.11	-103.4	1135
Static Water Level (WL): 4.56								
One Casing Volume(gal/L):								
Start Purge (hrs): 1114								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

420 [illegible]
Pumping WL: 4.70

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s): BCaldwell

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: Site 46

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW0901
Sample Location: Site 46
Sampled By: BCaldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1055 (R) 1100								
Method:								

PURGE DATA:

Date: 12/7/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: Low Flow	Initial	7.07	.919	22.27	1.5	.71	-27.6	1037
Monitor Reading (ppm): 0	2 gals	7.39	.921	23.43	0.70	.13	-62.0	1046
Well Casing Diameter & Material Type: 2" PVC	3 gals	7.34	.912	23.13	0.90	.17	-73.2	1051
	4 gals	7.37	.910	23.04	0.80	.17	-79.6	1055
Total Well Depth (TD): 13.70	4.5 gals	7.40	.908	22.91	0.65	.22	-86.0	1100
Static Water Level (WL): 4.30								
One Casing Volume(gal/L): ~2 gals								
Start Purge (hrs): 1037								
End Purge (hrs): 1100								
Total Purge Time (min): 23								
Total Vol. Purged (gal/L):								

700 ml/min

Pumping WL 4.35

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1001
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12-17-05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1100								
Method: Low Flow								

PURGE DATA:

Date: 12-17-05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method: Low Flow	INIT	6.65	1.099	21.58	53.9	0.84	180.9	1042	400 mL/min
Monitor Reading (ppm): —	1L	6.64	1.143	22.98	49.3	0.23	87.0	1045	5.25
Well Casing Diameter & Material	2L	6.60	1.189	22.93	29.0	0.13	22.5	1048	5.32
Type: 2" PVC	3L	6.60	1.198	22.80	23.5	0.26	3.4	1051	[illegible]
Total Well Depth (TD): 45.40	4L	6.59	1.209	22.74	21.7	0.26	-5.6	1054	5.32
Static Water Level (WL): 5.05	5L	6.58	1.216	22.83	19.2	0.20	-17.4	1057	
One Casing Volume(gal/L): —									
Start Purge (hrs): 1040									
End Purge (hrs): 1058									
Total Purge Time (min): 18									
Total Vol. Purged (gal/L): 5									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

Field Test Kit Results
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

1 Eq. vol. = 1 L
water has brown tint

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: Site 46 E

Sample ID No.: 46GW1101
Sample Location: Site 44
Sampled By: B Caldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date: 12/17/05								
Time: 0845								
Method: Low Flow	Clear	7.29	2.574	23.31	.25	.07	-219.6	0845

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Date: 12/17/05								
Method: Low Flow	Initial	5.58	1.079	20.38	26	1.62	-26.0	0820
Monitor Reading (ppm): 0	1gal	7.27	2.516	23.62	3.0	.11	-157.0	0825
Well Casing Diameter & Material	2 gal	7.27	2.617	23.61	40	.08	-182.0	0830
Type: 2" PVC	3 gal	7.21	2.575	23.54	0.55	.08	-194.0	0836
Total Well Depth (TD):	4 gal	7.21	2.582	23.41	0.45	.08	-207.7	0840
Static Water Level (WL): 3.50	5 gals	7.29	2.574	23.31	0.25	.07	-219.6	0845
One Casing Volume(gal/L): ~4								
Start Purge (hrs): 0820								
End Purge (hrs): 0845								
Total Purge Time (min): 25								
Total Vol. Purged (gal/L): 5 gals								

700 ml min

Purging WL = 3.53

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): B Caldwell

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1201
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date:								
Time: 0906								
Method:								

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Date: 12-16/05									450ml/L
Method: Low Flow	1 mL	6.35	0.735	22.70	61.8	0.33	78.3	0807	~~8.174.2~~
Monitor Reading (ppm): –	1 l	6.49	0.739	23.69	57.0	0.11	40.2	0811	
Well Casing Diameter & Material	3 l	6.51	0.755	23.45	43.8	0.12	25.6	0814	4.23
Type: 2" PVC	4.5 l	6.51	0.758	23.35	44.5	0.09	19.2	0817	4.23
Total Well Depth (TD): 47.60	7 l	6.50	0.758	23.45	48.0	0.05	17.8	0821	
Static Water Level (WL): 4.05	10 l	6.48	0.756	21.69	48.0	0.08	13.7	0830	
One Casing Volume(gal/L): –	12 l	6.47	0.748	20.69	49.8	0.19	13.7	0838	red. Bot
Start Purge (hrs): 0805	16 l	6.47	0.748	21.39	45.7	0.12	11.4	0848	4.22
End Purge (hrs): 0905	18 l	6.47	0.746	21.45	46.5	0.16	9.7	0856	
Total Purge Time (min):	20 l	6.47	0.748	21.43	48.5	0.14	5.8	0905	
Total Vol. Purged (gal/L): 60									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

1 Eq Vol = 1 l
NTU high will sample

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1301
Sample Location:
Sampled By: JB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/17/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: ~~0920~~	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: low flow	clear	7.23	2.023	22.67	2.0	0.33	-342.2	0917

PURGE DATA:

Date: 12/17/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1st	7.26	2.025	22.36	7.3	0.38	-288.5	~~0855~~ Start 0905
Monitor Reading (ppm): 0		7.25	2.025	22.59	3.6	0.59	-320.4	0910
Well Casing Diameter & Material		7.23	2.023	22.67	2.0	0.33	-342.2	0917
Type: 2" PVC								
Total Well Depth (TD): 13.15								
Static Water Level (WL): 4.05								
One Casing Volume(gal/L): 1.6								
0855 Start Purge (hrs): ~~0855~~								
End Purge (hrs): 0917								
Total Purge Time (min): 22								
Total Vol. Purged (gal/L): 2.1								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:
MS/MSD
Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1401
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date:	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 0915								
Method:								

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method:								0915	SLC
Monitor Reading (ppm):	2.5	6.25	1.006	23.43	21	.36	-51.0	0853	4.15
Well Casing Diameter & Material	5.0	6.29	1.172	23.72	21	.19	-76.0	0858	4.2C
Type:	7.5	6.32	1.348	23.69	20	.12	-81.3	0903	4.15
Total Well Depth (TD) 47.05	10.0	6.34	1.367	23.70	19	.11	-87.0	0908	4.18
Static Water Level (WL) 3.82									
One Casing Volume(gal/L): 26.5									
Start Purge (hrs): 0814									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD

Duplicate ID No.: 46GW1401-D

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page ___ of ___

Project Site Name: NASP site 46 RI
Project No.: 126000007

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1402
Sample Location: DEN-46-14
Sampled By: C. Dole
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	ORP (mV)	Other
Date: 5-10-06								
Time: 1030								
Method:								

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	ORP	~~Other~~
Method:	3.0	6.40	.896	25.63	7	0.00	-68	1015
Monitor Reading (ppm):	5.0	6.38	.923	25.70	6	0.00	-77	1020
Well Casing Diameter & Material Type: 2.0" PVC	7.0	6.38	.914	25.84	5	0.00	-86	1025
Total Well Depth (TD): 56.00								
Static Water Level (WL): 3.18								
One Casing Volume(gal/L):								
Start Purge (hrs): 1010								
End Purge (hrs): 1025								
Total Purge Time (min): 15								
Total Vol. Purged (gal/L): 7.0								

SWL
3.36
333
333

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
BehP	—	2 x 1L Amber glass	Y

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1501
Sample Location:
Sampled By:
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/17/05 Time: 1120 Method:	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time

PURGE DATA:

Date:	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Method:	~~2.5~~	~~7.32~~	~~2.002~~	~~23.09~~		~~1.98~~	~~-187.4~~	~~1057~~	Start
Monitor Reading (ppm):	2.5	7.32	2.002	23.09	23	1.98	-187.4	1102	3.64
Well Casing Diameter & Material Type: 2.0" PVC	5.0	7.22	1.966	23.05	14	1.05	-159.8	1107	3.61
	7.5	7.19	1.978	23.10	11	1.23	-185.6	1112	3.61
Total Well Depth (TD): 13.85									
Static Water Level (WL): 3.55									
One Casing Volume(gal/L): 5.9									
Start Purge (hrs): 1057									
End Purge (hrs): 1112									
Total Purge Time (min): 15									
Total Vol. Purged (gal/L): 7.5L									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1601
Sample Location:
Sampled By: JB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/17/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1202	~~clear~~	6.54	1.511	23.87	234	0.04	-147.2	1159
Method: low flow	dk brown							

PURGE DATA:

Date: 12/17/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: low flow	1st	6.57	1.576	22.19	190	0.35	-70.9	1105
Monitor Reading (ppm): 0		6.56	1.546	23.10	291	0.05	-100.4	1120
Well Casing Diameter & Material Type: 2" PVC		6.54	1.511	23.87	234	0.04	-147.2	1159
Total Well Depth (TD): 45.03								
Static Water Level (WL): 3.75								
One Casing Volume(gal/L): 1.6								
Start Purge (hrs): 1055								
End Purge (hrs): 1200								
Total Purge Time (min): 70								
Total Vol. Purged (gal/L): 4.4								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	(YES) / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	(YES) / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	(YES) / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	(YES) / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	(YES) / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	(YES) / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****

Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide _____

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: Site 46

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1701
Sample Location: Site 46
Sampled By: B Caldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Time: 1130								
Method: Low Flow	Clear	7.11	1.783	23.75	.43	.36	-76.2	1130

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: Low Flow	Initial	7.46	1.310	23.41	12.5	.94	-86.1	1100
Monitor Reading (ppm): 0	1 gal	7.14	1.694	23.66	3.91	.35	-76.3	1111
Well Casing Diameter & Material	2 gals	7.13	1.735	23.61	1.86	.32	-76.1	1115
Type: 2" PVC	2.5 gals	7.12	1.761	23.60	1.09	.34	-75.7	1119
Total Well Depth (TD):	3 gals	7.11	1.782	23.65	.80	.35	-76.3	1124
Static Water Level (WL): 3.83	3.5 gals	7.11	1.783	23.80	.43	.36	-76.2	1128
One Casing Volume(gal/L): ~2								
Start Purge (hrs): 1100								
End Purge (hrs): 1130								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

500 ml
Start WL 3.9

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

Circle if Applicable:

MS/MSD | Duplicate ID No.: ✓

Signature(s): B Caldwell

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: N00007

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1801
Sample Location: PEW 46 18
Sampled By: WDO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time
Date: 12-20/05								
Time: 1140								
Method: Low Flow								

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Date: 12-20/05									500 ~~800ml~~ min
Method: Low Flow	INIT	7.02	3.061	22.85	18.3	0.90	-152.1	1117	4.18
Monitor Reading (ppm): —	1 gal	7.00	2.779	22.72	9.40	0.75	-159.2	1125	4.18
Well Casing Diameter & Material	1.5 gal	6.98	2.782	22.71	2.89	0.78	-166.7	1129	
Type: 2" PVC	2 gal	6.98	2.765	22.55	2.54	0.88	-167.5	1133	4.18
Total Well Depth (TD): 13.35									
Static Water Level (WL): 4.13									
One Casing Volume(gal/L): 1.47									
Start Purge (hrs): 1115									
End Purge (hrs): 1133									
Total Purge Time (min): 18									
Total Vol. Purged (gal/L): 2									

13.35
4.13
9.22
1
.93
.46
.09
1.47

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

Field Test Kit Results
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

water has sulfur odor

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Mit D Olson

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: 5.to 46

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW1901
Sample Location: 5.to 46
Sampled By: B Caldwell
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12/20/05	Color	pH	S.C.	Temp.	Turbidity	DO	ORP	
Time: 0925	Visual	Standard	mS/cm	°C	NTU	mg/l	mV	Time
Method: Low flow	Clear	7.00	1.770	22.66	1.86	.12	-168.9	0925

PURGE DATA:

Date: 12/20/05	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time
Method: Low Flow	Initial	6.99	1.54	21.69	21.8	0.40	-77.2	0900
Monitor Reading (ppm): 0	1gal	7.00	1.611	22.51	8.43	.16	-123.3	0907
Well Casing Diameter & Material	2gals	7.02	1.747	22.66	5.24	.10	-161.4	0915
Type: 2" PVC			Cal	bk to 400 mls/min				
Total Well Depth (TD): N2	2.5gals	7.02	1.772	22.75	3.09	.11	-167.8	0920
Static Water Level (WL): 3.70	3.25gals	7.00	1.770	22.66	1.86	.12	-168.9	0924
One Casing Volume(gal/L):								
Start Purge (hrs): 0900								
End Purge (hrs): 0925								
Total Purge Time (min): 25								
Total Vol. Purged (gal/L): 3.25gals								

450 ml/min
Pump WL: 3.71

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

****Field Test Kit Results****
Dissolved Oxygen _____
Ferrous Iron _____
Hydrogen Sulfide _____
Carbon Dioxide _____
Alkalinity _____
Sulfide

Circle if Applicable:

MS/MSD | Duplicate ID No.:

Signature(s): B Caldwell

TBD: To Be Determined

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: PEN 46 RI CTO 367
Project No.: W00007

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: 46GW2001
Sample Location: Pew-46-20
Sampled By: WDO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 12-20-05 / Time: 0930 / Method: Low Flow	Color Visual	pH Standard	S.C. mS/cm	Temp. °C	Turbidity NTU	DO mg/l	ORP mV	Time

PURGE DATA:

	Volume	pH	S.C.	Temp. (C)	Turbidity	DO	ORP	Time	
Date: 12-20-05									
Method: Low Flow	1W IT	6.67	3.181	21.44	37.3	0.98	-87.5	0902	4.45
Monitor Reading (ppm): —	1 l	6.85	3.261	22.91	29.4	0.55	-139.3	0906	300 mL
Well Casing Diameter & Material: 2" PVC	3 l	6.72	3.432	23.53	24.7	0.87	-160.4	0912	4.17
Type:	5 l	6.85	3.557	23.58	20.0	0.58	-164.9	~~0921~~ 1918	4.17
Total Well Depth (TD): 47.87	6 l	6.85	3.589	23.53	16.8	0.50	-167.9	1921	4.20
Static Water Level (WL): 3.85	7 l	6.83	3.614	23.43	15.4	0.43	-136.4	1924	4.18
One Casing Volume(gal/L): —	8 l	6.81	3.643	23.53	15.1	0.42	-135.9	1927	
Start Purge (hrs): 0900									
End Purge (hrs):									
Total Purge Time (min):									
Total Vol. Purged (gal/L):									

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SW-846 8260B - TCL VOCs	HCL	3 - 40mL VOA	YES / NO
USEPA 504.1 - EDB	HCL	2 - 40mL VOA	YES / NO
SW-846 8270C - TCL SVOCs/PAHs	4degC	2 - 1L Amber	YES / NO
FDEP FL-PRO - TRPH	HCL	2 - 1L Amber	YES / NO
SW-846 6010B - TAL Metals	HN03	1 - 500mL Plastic	YES / NO
SW-846 8081/8082 - TCL Pest/PCBs	4degC	2 - 1L Amber	YES / NO

NATURAL ATTENUATION PARAMETERS / OBSERVATIONS / NOTES

Field Test Kit Results
Dissolved Oxygen
Ferrous Iron
Hydrogen Sulfide
Carbon Dioxide
Alkalinity
Sulfide

1 EQ VOL = 1 l

Circle if Applicable:

MS/MSD

Duplicate ID No.: 46GW2001D

Signature(s):

TBD: To Be Determined

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HAIDPT

BORING NUMBER: 46SB01
DATE: 10/19/05
GEOLOGIST: W.D. OLSON
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				0.0			concrete		Samples	O2	CO	LEL	H2S Headspace
							DK brown FS		0-6"	21.1	0	0	0
							w/silt						
									6"-2'				
				0.0						21.1	0	0	0
							moist @ 2'						
							Lt tan FS		2'-4'				
							wet.						

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: W00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA IDPT
BORING NUMBER: PEW 46 SB02
DATE: 10/19/05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
				PID			concrete fill		samples	O2	CO	LEL	HNu	Headspace
				0.0			dk brown PS		0-6"	21.1	0	0	1	0.3ppm
1							Tan PS							
							gray PS		6"-2'	21.1	0	0	2	0.3ppm
2							wet @ 2'							
3							some metallic debris							
4														
5														

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): [ ]

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/AA

BORING NUMBER: PEW46 SB03
DATE: 10·19/05
GEOLOGIST: W.A. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							concrete 8"		Samples	O_2	CO	LEL	H_2S	Headspace
				0.0			gray FS		0-6"	21.4	Ø	Ø	2	1.1 ppm
1														
2				0.0			Fine WR Gravel wet @ 2'		6"-2'	21.2	Ø	Ø	2	0.8 ppm
3														
4														
5														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sample
DRILLING RIG: DPT/HSA

BORING NUMBER: PEW 46 SB04
DATE: 10/19/05
GEOLOGIST: W.D. OKAW
DRILLER: R. LeBrun

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							concrete		Samples	O2 CO LEL N2S				Headspace
				0.0			OF Awhite FS		0-6"	21.2 0 0 0				0.0 ppm
1														
									6"-2'	21.2 0 0 1				0.0 ppm
2				0.0			Black/gray FS wet @ 2'							
3														
4														

* When rock coring, enter rock brokeness.

** include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision sampling
DRILLING RIG: DPT / HA

BORING NUMBER: PEN46SB05
DATE: 10-17-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample O2	Sampler BZ CO	Borehole** LEL	Driller BZ** H2S	Head Space
				0.0			Dk brown FS w/gravel concrete 10"		0-6" samples	21.1	0	0	0	0.0ppm
							↓		6"-2'	21.0	0	0	0	0.0ppm
				0.0			White FS							
							↓		2-4'					
				0.0			wet @ 4'			21.0	0	0	0	0.0ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): ____

Remarks: ____

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: PEW46 SB06
DATE: 10-21-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							Asphalt		Samples	O2	CO	LEL	H2S	Head Space
				0.0			Red clayey FS		0-6"	21.2	0	0	0	0.0 ppm
1							DK gray FS							
							↓		6"-2'					
2				0.0			off white FS			21.2	0	0	0	0.0 ppm
3							↓							
										21.2	0	0	0	0.0 ppm
4				0.0			wet @ 4'							
5														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): ____

Remarks: ____

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N 00002
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: PEW 46SB07
DATE: 10-19-05
GEOLOGIST: W.A. Olson
DRILLER: R. Labuon

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification: Asphalt	USCS *	Remarks: Samples	PID/FID Reading (ppm): Sample O2	Sampler BZ CO	Borehole** LEL	Driller BZ** H2S	
				0.0			red clayey sand		0-6'	21.5	0	0	0	0.0ppm Headspace
1							grey FS w/gravel							
2				0.0			dk grey black fine sand		6"-2'	21.2	0	0	0	0.0ppm
3									2-4'					
4				0.0			off w4,46 FS			21.9	0	0	0	0.0ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): _____

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: N00009
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT / HHA
BORING NUMBER: PEW 46SB08
DATE: 10-19-00
GEOLOGIST: W.A. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				PID			Asphalt		Samples	O2	CO	LEL	H2S
				0.0			Red silty clay		0-6"	21.9	1	0	1
1							Dk gray FS						
									6"-2'	21.9	0	0	2
2				0.0			brown FS w/gravel						
							gray FS						
3							white FS		2-4'				
4							wet @ 4'			21.9	0	0	1
				0.0									

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW46R1
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: PEW46SB09
DATE: 10-19-09
GEOLOGIST: W.D. Olson
DRILLER: R. Lebrun

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval & PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							Asphalt		Samples	O_2	CO	LEL	H2S	Head Space
				0.0			Red Silty Clay		0-6"	22.0	0	0	0	0.0 ppm
1							Tan FS							
							↓							
2				0.0					2-6"	22.0	0	0	0	0.0 ppm
							White FS							
3							↓							
4				0.0			↓			22.0	0	0	0	0.0 ppm
							Wet @ 4'							

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): _____

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 1

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: PEW46SB10
DATE: 10-19-05
GEOLOGIST: W.A. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	MATERIAL DESCRIPTION: Color	MATERIAL DESCRIPTION: Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							concrete		samples	02	00	00	00
				0.0			Fine white Sand		0-6"	22.1	1	0	0
1													
2				0.0					6"-2'	22.2	0	0	0
3							DK Brown Fs w/gravel						
4							wet @ 4'						
				0.0						27.0	0	0	0

Headspace 0.0 ppm
0.0 ppm
0.0 ppm
0.0 ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Samples
DRILLING RIG: HA/DPT
BORING NUMBER: PEW 46 SB 11
DATE: 10-19-05
GEOLOGIST: W.D. Osborn
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				0.0			concrete		samples	0.0	0.0		0.0 Headspace
							Fine White Sand		0-6"				
1							↓						
							Dk brn Ps w/gravel		6"-2'				
							obst. @ DPT						
2													0.0 ppm
				0.0			soil moist						
3													
4													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: PEW46A1
PROJECT NUMBER: N00067
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/APT

BORING NUMBER: PEW46 SB12
DATE: 10-19-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
				BZ PID			Concrete		Samples					Headspace
				0.0			Whi6 FS		0-6"					0.1 ppm
1							↓							
2									6"-2'					0.0 ppm
				0.0			TAN FS wet @ 2'							
3														
4														

* When rock coring, enter rock brokeness.
** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: ______

Drilling Area Background (ppm): ______

Converted to Well: Yes ______ No ______ Well I.D. #: ______

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: NA

BORING NUMBER: PEN46 SB13
DATE: 10-19-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				0.0			TAN FS w/gravel		0-6' Samples				
							Brown FS						
							↓		6'-2'				
				0.0			PK Brown FS						
							↓		2-4'				
							wet @ 4'						

1 - 0.0ppm
2 - 0.0ppm
3 - 4 - 0.0ppm

Headspace

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: Location of Former Bldg

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No _____ Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: PEW 46R1
PROJECT NUMBER: W00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA

BORING NUMBER: PGW46SB14
DATE: 10-19-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebrun

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							Asphalt		Samples					Heads pace
				0.0			Red silty clay		0-6"					0.6ppm
1-							tan FS w/ coal							
							Fragments							
2-							white FS		6"-2					0.0ppm
				0.0										
3-							brown sand w/ brick							
							white FS							
4-							↓							0.0ppm
				0.0			wet @ 4'							

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ___ No X Well I.D. #: ___

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/DPT

BORING NUMBER: PEW46 SB15
DATE: 10-20-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							concrete		samples	02	CO	LEL	H2S
				0.0			red clayey sand		0-6"	215	16	0	4
	1						gray FS						
							white FS						
	2			0.0			black FS		6"-2'	214	14	0	4
	3												
							gray FS						
	4						Brown FS			219	9	0	5
				0.0			wet @ 4'						

Headspace 0.0ppm

0.0ppm

0.0ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

generator exhaust in bldg

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/APT

BORING NUMBER: PEW46SB16
DATE: 10-20/05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							concrete		samples	O2	CO	LEL	Hg	Headspace
				0.0			red clayey sand/gray FS		0-6"	21.3	1	Ø	5	0.0ppm
1-							gray FS/Black FS							
				0.0					6"-2'	21.5	Ø	Ø	5	0.0ppm
2-														
3-				0.0			Red/brown brick Frags			21.2	Ø	Ø	5	0.0ppm
							TD 3' refusal							
4-														
5-														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm):

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 1

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: PEW 46 SB17
DATE: 10-20-05
GEOLOGIST: W.A. Olson
DRILLER: R. Leboron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample O2	Sampler BZ CO	Borehole** LEL	Driller BZ** H2S	
				0.0			concrete		samples					
							white FS			20.3	1	0	5	0.0 ppm
1														
2				0.0						20.3	0	0	6	0.0 ppm
														0.0 ppm
3							wet @ 3'							
4														
5														

Headspace

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks: _____

Drilling Area Background (ppm): 0.0

Converted to Well: Yes _____ No X Well I.D. #: _____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: W00002
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA
BORING NUMBER: SB18
DATE: 10.20.05
GEOLOGIST: W.D.Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
				0.0			Red clayey sand		0-6" Samples	21.5	0	0	5	Headspace
							White PS							0.0 Ppm
1							gray PS							
2							↓		6"-2'					0.0 Ppm
3				0.0			wet @ 3'		2-3'	21.6	0	0	2	0.0 ppm
4														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEN 46 R1
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: DPT/HA

BORING NUMBER: PEN 46 SB19
DATE: 10·20/05
GEOLOGIST: W.A. Olson
DRILLER: R. Lebrun

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							Concrete		Samples	O_2	CO	LEL	H_2S	Head space
				0.0			Red silty clay / white FS		0-6"	21.7	Ø	Ø	6	0.0 ppm
1							off white FS							
							↓							
2									6"-2					0.0 ppm
							gray FS							
3				0.0			↓		2-3'	21.8	Ø	Ø	6	0.0 ppm
							wet @ 3'							
4														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.6

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/DPT
BORING NUMBER: PEW46 SB20
DATE: 10-20-05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							concrete		samples	O_2	CO	LEL	H_2S	Headspace
				0.0			Red silty sand / Tan Sand		0-6"	22.1	0	0	5	0.0 ppm
1														
									6"-2					
2										22.1	0	0	5	0.0 ppm
				0.0			DK grey PS		2-3'					0.0 ppm
3							wet @ 3'							
4														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 R1
PROJECT NUMBER: W00007
DRILLING COMPANY: Precision
DRILLING RIG: HA

BORING NUMBER: SB21
DATE: 10-20-09
GEOLOGIST: W. A. Orban
DRILLER: A. Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
										0.2				Headspace
				0.6			red Si Hy FS-dry		0-6"	0.2	0	0	5	0.0 ppm
1							white FS		2-6"					
2				6.0						0.2	0	0	5	0.0 ppm
									2-3'					
3				0.0			Gray FS							
							wet @ 3'			0.2	0	0	5	0.0 ppm
4														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision
DRILLING RIG: HA/DPT

BORING NUMBER: PEN 46 SB22
DATE: 10.20/05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebron

	Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS*	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
								Concrete		Samples	O_2	CO	LEL	H_2S	Headspace
					0.0			red clayey sand /		0-6"	22.5	Ø	Ø	5	0.0ppm
1								white FS							
								↓							
2					0.0			TAN FS		6"-2'	22.2	Ø	Ø	5	0.0ppm
								↓							
3								Dk brown FS w/gravel							
								White FS							
4								↓							
					0.0			wet @ 4'			22.5	Ø	Ø	5	0.0ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ___ No X Well I.D. #: ___

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 1

PROJECT NAME: PEW 46 RI (PRW46)
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HAPPY
BORING NUMBER: SB23
DATE: 10.20.05
GEOLOGIST: W.D. Olson
DRILLER: R. Leboron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				0.0			concrete		samples	O_2 22.5	0	0	5 Headspace
							Rock chips FS/ tan FS		0-6"				
1							wh. to FS						
2				0.0					6"-2'	22.1	0	0	5
							brown FS						
3							wet @ 2.5'						
4													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HSA/DPT
BORING NUMBER: PEW46 SB 27
DATE: 10.20.05
GEOLOGIST: W.D. Olson
DRILLER: R. Lebaron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
				0.0			Concrete		Samples	O_2	CO	LEL	H_2S Headspace
							red FS + silt		0-6"	22.1	0	0	5 0.0 ppm
1							White FS						
							↓						
2				0.0					6"-2'	22.1	0	0	5 0.0 ppm
							Black FS						
3							wet @ 2.5						
4													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0.0

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

Page 1 of 1

PROJECT NAME: PEN 46 RI
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/DPT
BORING NUMBER: PEN 46 SB25
DATE: 10-20-05
GEOLOGIST: W.D. Osgood
DRILLER: R. Lebar

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
				0.0			concrete		Samples					Head Space
							red silty sand / gray sand		0-6"	22.7	Ø	Ø	5	2.8 ppm
1							block FS							
2				0.0					6"-2'	22.0	Ø	Ø	5	2.5 ppm
3														
							wh. to FS		2-4'					
4				0.0			wet @ 4'			22.0	Ø	0	5	1.1 ppm

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

Page ___ of ___

PROJECT NAME:
PROJECT NUMBER:
DRILLING COMPANY:
DRILLING RIG:

BORING NUMBER: PEW 46 SB26
DATE: 10-26-06
GEOLOGIST:
DRILLER:

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
				0.0			Red silty sand / gray sand		0-6"					Headspace
							White PS							1.5 ppm
1							↓							
									6"-2'					
2				0.0			↓							0.0 ppm
							Black PS w/ ~~black wood debris~~							
3														
				0.0			Tan PS							14.4 ppm
4							wet @ 4'							

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): ____

Remarks: ____

Converted to Well: Yes ____ No ____ Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW LIBRARY
PROJECT NUMBER: N00007
DRILLING COMPANY: Precision Sampling
DRILLING RIG: HA/DPT
BORING NUMBER: PEW LIB SB27
DATE: 10.2005
GEOLOGIST: W.P. OLSON
DRILLER: R. Larson

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**	
							Concrete		Samples	O_2	CO	LEL	H_2S	Headspace
				0.0			red Clayey sand		0.6"	22.1	0	0	5	0.0ppm
1							white FS							
									6" 2'	22.1	0	0	5	0.0ppm
2				0.0			↓ Gray FS							
							refusal @ 2.5'							
3														
4														

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: PEW 46 RI
PROJECT NUMBER: W00007
DRILLING COMPANY: Precision
DRILLING RIG: HYDPI
BORING NUMBER: PEW 46 SB28
DATE: 10*2005
GEOLOGIST: W.D Organ
DRILLER: R Lebron

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval BZ PID	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification Good	USCS *	Remarks	PID/FID Reading (ppm): Sample O2	Sampler BZ CO	Borehole** LEL	Driller BZ** %LS	
				0.0			WN Hefs		0-6"	22.1	0	0	4	0.0ppm
							Tan FS							
1							↓		6"-2'					
							White FS			22.1	0	0	4	0.0ppm
2				0.0			Black FS wet @ 2'							
3														
4														

Headspace

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Drilling Area Background (ppm): 0.0

Remarks:

Converted to Well: Yes ____ No X Well I.D. #: ____

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46-2
Site: 46
Date Installed: 12/2/05
Date Developed: 12/4/05
Dev. Method: Overpump
Pump Type: Rig

Depth to Bottom (ft.): 49.50
Static Water Level Before (ft.): 3.95 BTOC
Static Water Level After (ft.): 4.05 BTOC
Screen Length (ft.): 10
Specific Capacity: 0.27
Casing ID (in.): 2"

Responsible Personnel: BSC
Drilling Co.: Precision
Project Name: PEN EI
Project Number: N06007

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.95					
14	0	55 g	~~BTOC~~ 18.65	Stable pumping rate = 4 gpm				Stable pumping WL: 18.65

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-MW03
Site: 46 Pen NAS
Date Installed: 10/21/05
Date Developed: 10/21/05
Dev. Method: Surge/Bail/Se
Pump Type: Submersible

Depth to Bottom (ft.): 12.85
Static Water Level Before (ft.): 4.07
Static Water Level After (ft.): 4.08
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Odom
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0832								
0845			4.33					start dev @ 2.5 gals/min
0847								
0851			4.33					flow @ 2.5 gals/min
0853								
0859			4.08					finished ~ 54 gals

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEW-416-MW04
Site: site 46 NASP
Date Installed: 11/29/05
Date Developed: 11/30/05
Dev. Method: surge/purge
Pump Type: submersible

Depth to Bottom (ft.): 50.35
Static Water Level Before (ft.): 5.09
Static Water Level After (ft.): 5.07
Screen Length (ft.): 10.0 ft
Specific Capacity:
Casing ID (in.): 2.0

Responsible Personnel: C. Odom
Drilling Co.: Precision sampling
Project Name:
Project Number:

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks
0806								
0814		5gals	5.68					start
0821		10gals	5.68					5gal/7min = .714gal/min cloudy dark brn
0828		15gals	5.65					
0835		20gals	5.65					
0842		25	5.58					5gal/7min = .714gals/min
0849		30	5.59					
0856		35	5.59					
0701		40	5.61					
0908		45	5.41					5gal/7min = .714gal/min
0915		50	5.40					
0920		53						cloudy (dk brn)
0931			5.07					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-MW05
Site: 46 Pen NAS
Date Installed: 10/21/05
Date Developed: 10/21/05
Dev. Method: Surge/Purge
Pump Type: Sub Rule LPa

Depth to Bottom (ft.): ___
Static Water Level Before (ft.): 5.01
Static Water Level After (ft.): 5.02
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Dolan
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0920								
0925			5.27					Started dev @ 2.5 gals/min
0930								
0933			5.28					flowing @ 2.5 gals/min
0937			5.29					
0939								
0944			5.02					finished ~ 52 gals

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-MW06
Site: 46 Red NAS
Date Installed: 6/21/05
Date Developed: 10/21/05
Dev. Method: surge/purge
Pump Type: submersible

Depth to Bottom (ft.): 12.59
Static Water Level Before (ft.): 5.02
Static Water Level After (ft.): 5.06
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C Odom
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
1022								
1026			5.30					start dev @ 2.5 gal/min
1038			5.30					
1042								dev @ 2.5 gal/min
1048			5.06					finished dev ≈ 55 gal

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-MW07
Site: 46 Pen NAS
Date Installed: 10/21/05
Date Developed: 10/21/05
Dev. Method: Surge/Purge
Pump Type: Submersible

Depth to Bottom (ft.): 12.49
Static Water Level Before (ft.): 5.05
Static Water Level After (ft.): 5.07
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Oclon
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
1105								start dev @ 2.5 gal/min
1108			5.28					
1115			5.31					
1120			5.31					2.5 gpm
1123			5.31					
1124								finish dev ≈ 52 gals
1129			5.07					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEW-46-MW08 | Depth to Bottom (ft.): 49.50 | Responsible Personnel: C. Odom
Site: site 46 NASP | Static Water Level Before (ft.): 4.42 | Drilling Co.: ___
Date Installed: 11/29/05 | Static Water Level After (ft.): 4.49 | Project Name: ___
Date Developed: 11/30/05 | Screen Length (ft.): 10.0 | Project Number: ___
Dev. Method: surge/purge | Specific Capacity: ___
Pump Type: submersible | Casing ID (in.): 2.0

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
1316								start
1323		5	5.54					5gals/6.5min = .769gals/min
1330		10	5.56					
1336		15	5.59					cloudy (dk brn)
1343		20	5.59					5gals/6.5min = .769gals/min
1349		25	5.60					
1356		30	5.59					
1402		35	5.59					
1409		40	5.59					@ 5gals/6.5min = .769gals/min
1415		45	5.61					cloudy (dk brn)
1422		50	5.61					end
1433			4.49					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEW-46-MW09
Site:
Date Installed: 11/29/05
Date Developed: 11/30/05
Dev. Method: surge/pump
Pump Type: submersible

Depth to Bottom (ft.): 13.58
Static Water Level Before (ft.): 4.13
Static Water Level After (ft.): 4.15
Screen Length (ft.): 10.0
Specific Capacity:
Casing ID (in.): 2.0

Responsible Personnel: C. Odom
Drilling Co.:
Project Name:
Project Number:

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
1517								start
1522		5.0	4.20					5 gals / 5.5 min = 0.909 gals/min
1527		10.0	4.21					
1533		15.0	4.22					
1538		20.0	4.22					
1544		25.0						
1550 1550		30.0	4.21					5 gal / 6.0 min = .833 gals/min
1556		35.0	4.24					
1602		40.0						
1612			4.15					end

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Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46-MW
Site: Site 46 NWASP
Date Installed: 11/30/05
Date Developed: 12/01/05
Dev. Method: Surge/Purge
Pump Type: Submersible

Depth to Bottom (ft.): 44.59
Static Water Level Before (ft.): 4.65
Static Water Level After (ft.): 5.59
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Dolan
Drilling Co.: Reeds Sanding
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0741								start
0748		5 gals	7.10					5 gals/6.5 min = 0.769 gals/min
0754		10 gals	7.32					
0801		15 gals	7.44					
0807		20	7.55					
0813		25	7.90					
0820		30	7.83					5 gals/6.5 min = 0.769 gals/min
0826		35	7.81					
0833		40	7.80					
0839		45	7.78					
0846		50	7.88					end
0856			5.59					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-11
Site: 46
Date Installed: ___
Date Developed: 12/4/05
Dev. Method: Over-pump
Pump Type: Rig

Depth to Bottom (ft.): 12.65
Static Water Level Before (ft.): 3.54
Static Water Level After (ft.): 3.55
Screen Length (ft.): 10
Specific Capacity: 0.40
Casing ID (in.): 2"

Responsible Personnel: BSC
Drilling Co.: Precision
Project Name: PEN EI
Project Number: N0004.07

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.54					
19m	0	55g	11.00	Static	pump	Rate = 3 gpm		Static pumping WL = 11.00

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46-12
Site: 46
Date Installed: 11/30/05
Date Developed: 12/4/05
Dev. Method: Overpump
Pump Type: Rig

Depth to Bottom (ft.): 45.40
Static Water Level Before (ft.): 3.53
Static Water Level After (ft.): 3.95
Screen Length (ft.): 10
Specific Capacity: 0.82
Casing ID (in.): 2"

Responsible Personnel: BEC
Drilling Co.: Precision
Project Name: PEN RI
Project Number: N66007

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.53					
16 m	0	55g	5.20	Stable pumping rate = 3.5 gpm				Stable pumping WL = 5.20

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEN-46-13
Site: Site 46
Date Installed: ___
Date Developed: 12/4/05
Dev. Method: Overpump
Pump Type: Rig

Depth to Bottom (ft.): 13.15
Static Water Level Before (ft.): 3.60
Static Water Level After (ft.): 3.95
Screen Length (ft.): 10
Specific Capacity: 26.66
Casing ID (in.): 2"

Responsible Personnel: TSC
Drilling Co.: Precision
Project Name: PEN RI
Project Number: N66067

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.60					
14 m	0	55g	4.10	Stable pumping rate = 4 gpm				Stable pumping WL

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46 14
Site: Site 46
Date Installed: 12/2/05
Date Developed: 12/4/05
Dev. Method: Overpump
Pump Type: Rig

Depth to Bottom (ft.): 47.2
Static Water Level Before (ft.): 3.79
Static Water Level After (ft.): 4.10
Screen Length (ft.): 10
Specific Capacity: 0.90
Casing ID (in.): 2"

Responsible Personnel: TSC
Drilling Co.: Precision
Project Name: PEN RI
Project Number: 06666.7

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.79					
15m	0	60	8.55	Stable pumping rate: 4gpm				Stable pumping WL = 8.55

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46-MW15
Site: Site 46 NASP
Date Installed: 11/29/05
Date Developed: 12/01/05
Dev. Method: Surge/pump
Pump Type: Submersible

Depth to Bottom (ft.): 13.23
Static Water Level Before (ft.): 3.42
Static Water Level After (ft.): 3.41
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Odom
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time 1047	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
~~1054~~								start cloudy
1054		5	3.49					5 gal/6.5 min = .769 gal/min
1100		10	3.49					clear
1107		15	3.49					stop clear
1113			3.41					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEW-46-MW16
Site: Site 46 NASD
Date Installed: 11/30/05
Date Developed: 12/9/05
Dev. Method: surge/purge
Pump Type: submersible

Depth to Bottom (ft.): 46.92
Static Water Level Before (ft.): 5.66
Static Water Level After (ft.): 5.82
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Dolan
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
1245								
1253		5	7.26					start cloudy (dk brn)
1301		10	7.51					5 gals/8 min = 0.625 gals/min
1309		15	7.58					cloudy (dk brn)
1317		20	7.67					
1325		25	7.62					
1333		30	7.51					cloudy (dk brn)
1348		36						cloudy (dk brn)
1453			5.82					pump stopped @ cloudy

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Well: PEW-46-MW17
Site: site 46 NAS P
Date Installed: ~~11/29~~ 11/29
Date Developed: 12/01/05
Dev. Method: Surge pump
Pump Type: submersible

Depth to Bottom (ft.): 12.75
Static Water Level Before (ft.): 3.44
Static Water Level After (ft.): 3.41
Screen Length (ft.): 10.0
Specific Capacity: ___
Casing ID (in.): 2.0

Responsible Personnel: C. Dolan
Drilling Co.: Precision Sampling
Project Name: ___
Project Number: ___

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0948								start
0955		5	3.53					~~5~~ 5gals/6.5min = .769 gls/min
1001		~~5~~ 10	3.57					clear
1007		15	3.53					clear end dev

VI

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page 1 of 1

Well: OPEN-46-MW18 Depth to Bottom (ft.): 12.92 Responsible Personnel: C. Odom
Site: site 46 NASP Static Water Level Before (ft.): 3.71 Drilling Co.: Precision Sampling
Date Installed: 11/29/05 Static Water Level After (ft.): 3.71 Project Name:
Date Developed: 12/02/05 Screen Length (ft.): 10.0 Project Number:
Dev. Method: surge pump Specific Capacity:
Pump Type: submersible Casing ID (in.): 2.0

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units _____)	Turbidity (NTU)	Remarks
1536								start cloudy @ first clears quickly
								turning cloudy after surging
1544		5	3.75					
								5 gals / 7.5 min =
~~1551~~		~~10~~						[redacted] petrol odor / clear
1551		10	3.74					clear
1559		15	3.74					clear end dev
1606			3.71					

Tetra Tech NUS, Inc.

MONITORING WELL DEVELOPMENT RECORD

Page ___ of ___

Well: PEN-46-20
Site: Site 46
Date Installed: 12/2/05
Date Developed: 12/4/05
Dev. Method: Overpump
Pump Type: Rig

Depth to Bottom (ft.): 47.3
Static Water Level Before (ft.): 3.28
Static Water Level After (ft.): 4.00
Screen Length (ft.): 10
Specific Capacity: 0.57
Casing ID (in.): 2"

Responsible Personnel: BSC
Drilling Co.: Precision
Project Name: PEN FI
Project Number: N0600 7

Time	Estimated Sediment Thickness (Ft.)	Cumulative Water Volume (Gal.)	Water Level Readings (Ft. below TOC)	Temperature (Degrees C)	pH	Specific Conductance (Units ____)	Turbidity (NTU)	Remarks
0	0	0	3.28					
19m	0	55g	9.30	Stable pumping Rate = 3 gpm				Stable pumping WL

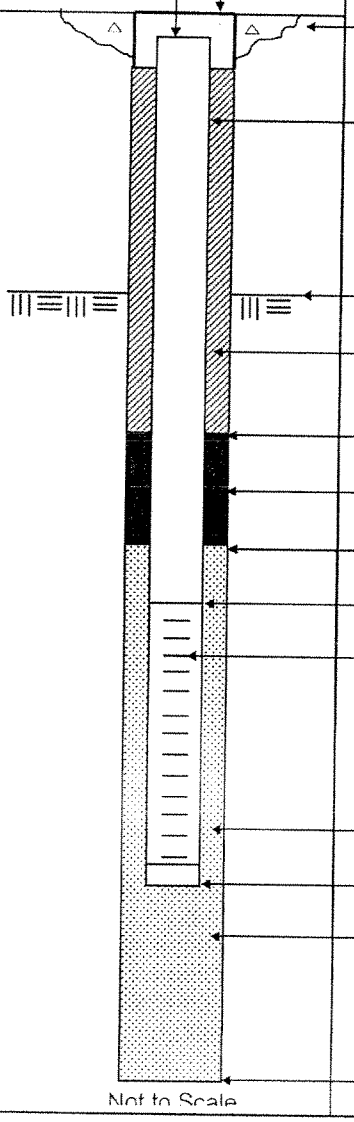
Tetra Tech NUS, Inc.

WELL No.: Pen-46-02

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-02
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	12/02/05
SITE:	46	DRILLING METHOD:	HSA/Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	

Ground Elevation =
Datum:



Not to Scale

Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: NA/

I.D. of Surface Casing: NA

Type of Surface Casing: NA

Type of Surface Seal: Flush Mount finish

I.D. of Riser: 2-inch

Type of Riser: Sch 40 PVC

Borehole Diameter: 8-inch to 25', then 4-inch

Elevation / Depth Top of Rock: NA/

Type of Backfill: Portland grout

Elevation / Depth of Seal: / NA

Type of Seal:

Elevation / Depth of Top of Filter Pack: / 37.0

Elevation / Depth of Top of Screen: / 39.0

Type of Screen: Sch 40 PVC

Slot Size x Length: .01-inch 10 ft

I.D. of Screen: 2-inch

Type of Filter Pack: 20/30 sand

Elevation / Depth of Bottom of Screen: / 49.0

Elevation / Depth of Bottom of Filter Pack: / 49.0

Type of Backfill Below Well: Formation collapse (sand)

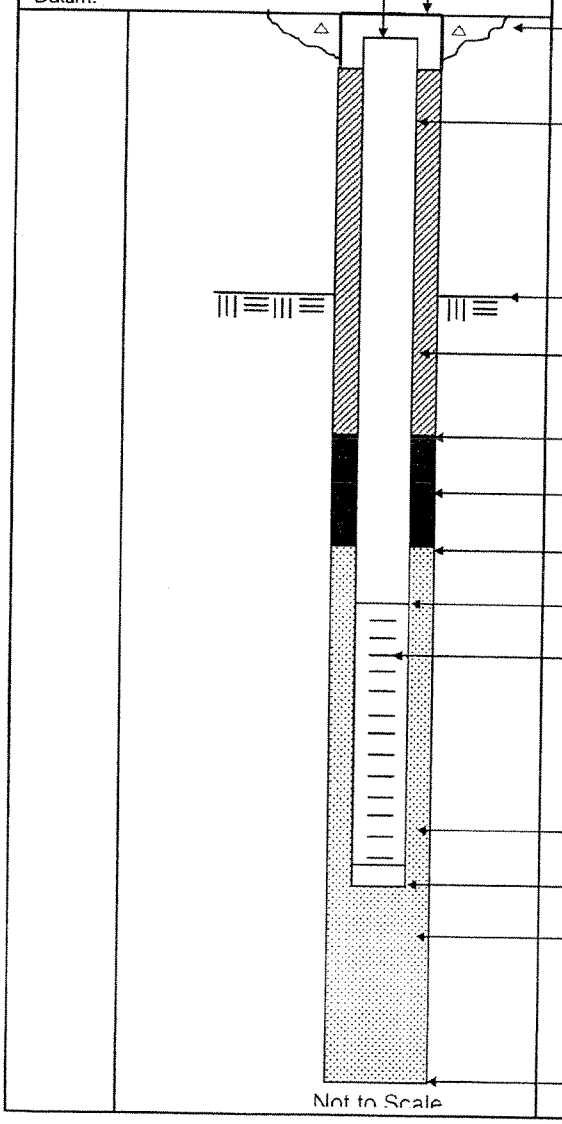
Elevation / Total Depth of Borehole: / 53.0

Tetra Tech NUS, Inc.

WELL No.: Pen-46-04

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-04
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	11/29/05
SITE:	46	DRILLING METHOD:	Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: NA/

I.D. of Surface Casing: NA

Type of Surface Casing: NA

Type of Surface Seal: Flush Mount finish

I.D. of Riser: 2-inch

Type of Riser: Sch 40 PVC

Borehole Diameter: 4-inch

Elevation / Depth Top of Rock: NA/

Type of Backfill: Portland grout

Elevation / Depth of Seal: / NA

Type of Seal:

Elevation / Depth of Top of Filter Pack: / 37.0

Elevation / Depth of Top of Screen: / 40.0

Type of Screen: Sch 40 PVC

Slot Size x Length: .01-inch 10 ft

I.D. of Screen: 2-inch

Type of Filter Pack: 20/30 sand

Elevation / Depth of Bottom of Screen: / 50.0

Elevation / Depth of Bottom of Filter Pack: / 50.0

Type of Backfill Below Well: Formation collapse (sand)

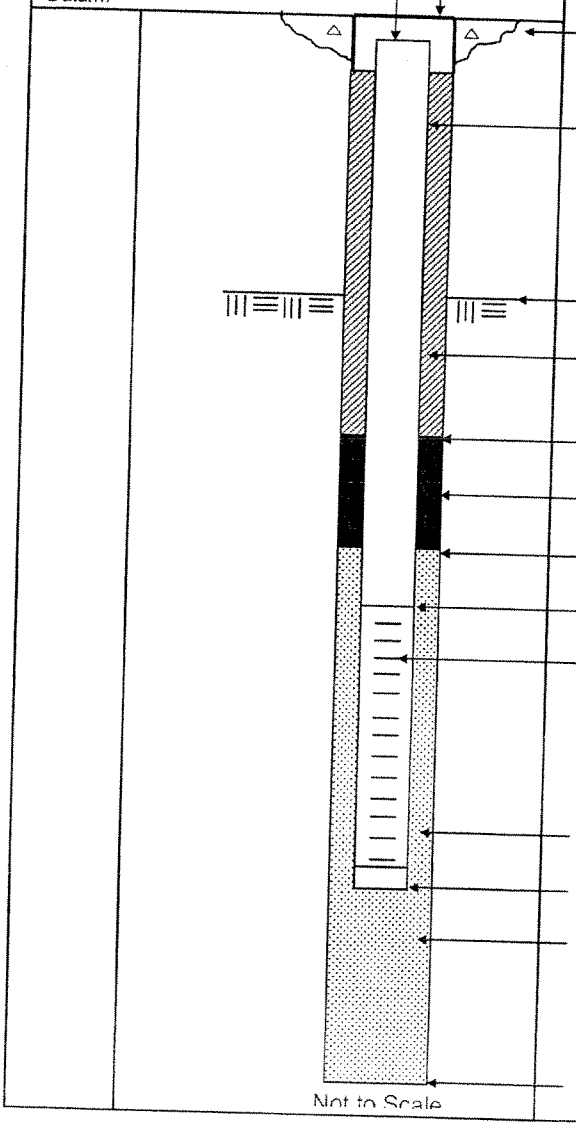
Elevation / Total Depth of Borehole: / 54.0

Tetra Tech NUS, Inc.

WELL No.: Pen-46-05

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-05
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	11/29/05
SITE:	46	DRILLING METHOD:	Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



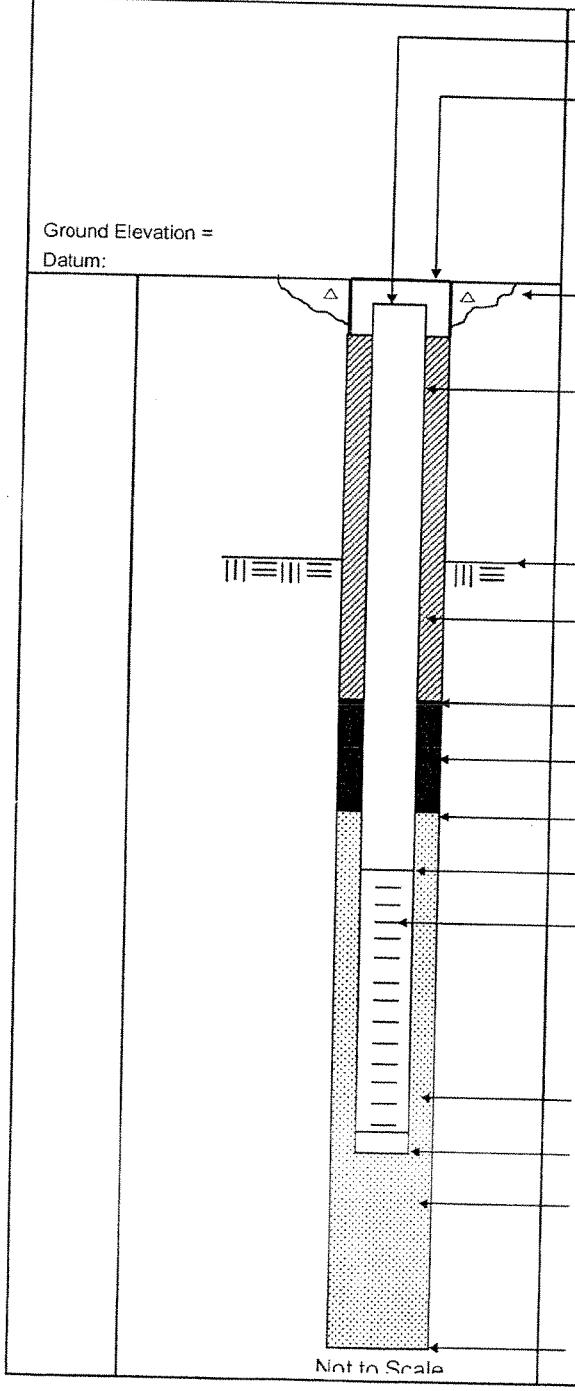
Elevation / Depth of Top of Riser:		/
Elevation / Height of Top of Surface Casing:		NA/
I.D. of Surface Casing:	NA	
Type of Surface Casing:	NA	
Type of Surface Seal:	Flush Mount finish	
I.D. of Riser:	2-inch	
Type of Riser:	Sch 40 PVC	
Borehole Diameter:	4-inch	
Elevation / Depth Top of Rock:		NA/
Type of Backfill:	Portland grout	
Elevation / Depth of Seal:		/ NA
Type of Seal:		
Elevation / Depth of Top of Filter Pack:		/ 37.0
Elevation / Depth of Top of Screen:		/ 40.0
Type of Screen:	Sch 40 PVC	
Slot Size x Length:	.01-inch 10 ft	
I.D. of Screen:	2-inch	
Type of Filter Pack:	20/30 sand	
Elevation / Depth of Bottom of Screen:		/ 50.0
Elevation / Depth of Bottom of Filter Pack:		/ 50.0
Type of Backfill Below Well:	Formation collapse (sand)	
Elevation / Total Depth of Borehole:		/ 52.0

Tetra Tech NUS, Inc.

WELL No.: Pen-46-10

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-10
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	11/30/05
SITE:	46	DRILLING METHOD:	Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: NA/

I.D. of Surface Casing: NA

Type of Surface Casing: NA

Type of Surface Seal: Flush Mount finish

I.D. of Riser: 2-inch

Type of Riser: Sch 40 PVC

Borehole Diameter: 4-inch

Elevation / Depth Top of Rock: NA/

Type of Backfill: Portland grout

Elevation / Depth of Seal: / NA

Type of Seal:

Elevation / Depth of Top of Filter Pack: / 29.0

Elevation / Depth of Top of Screen: / 34.0

Type of Screen: Sch 40 PVC

Slot Size x Length: .01-inch 10 ft

I.D. of Screen: 2-inch

Type of Filter Pack: 20/30 sand

Elevation / Depth of Bottom of Screen: / 44.0

Elevation / Depth of Bottom of Filter Pack: / 44.0

Type of Backfill Below Well: Formation collapse (sand)

Elevation / Total Depth of Borehole: / 47.0

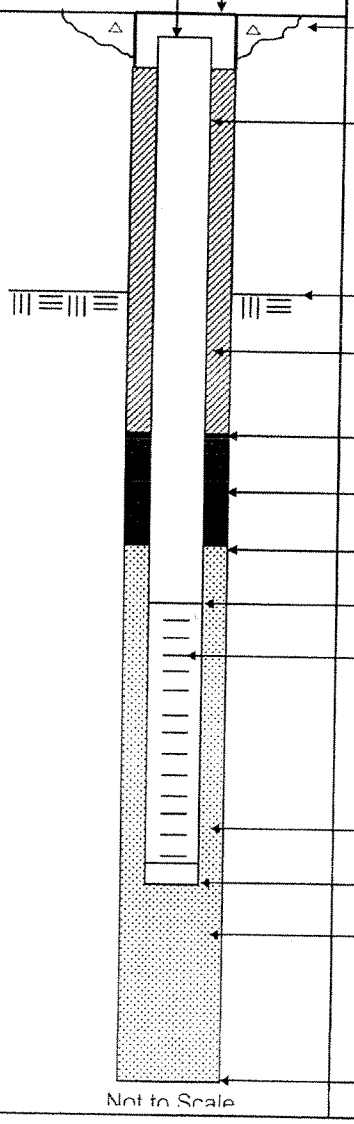
Tetra Tech NUS, Inc.

WELL No.: Pen-46-12

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-12
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	11/30/05
SITE:	46	DRILLING METHOD:	Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	

Ground Elevation =
Datum:



Not to Scale

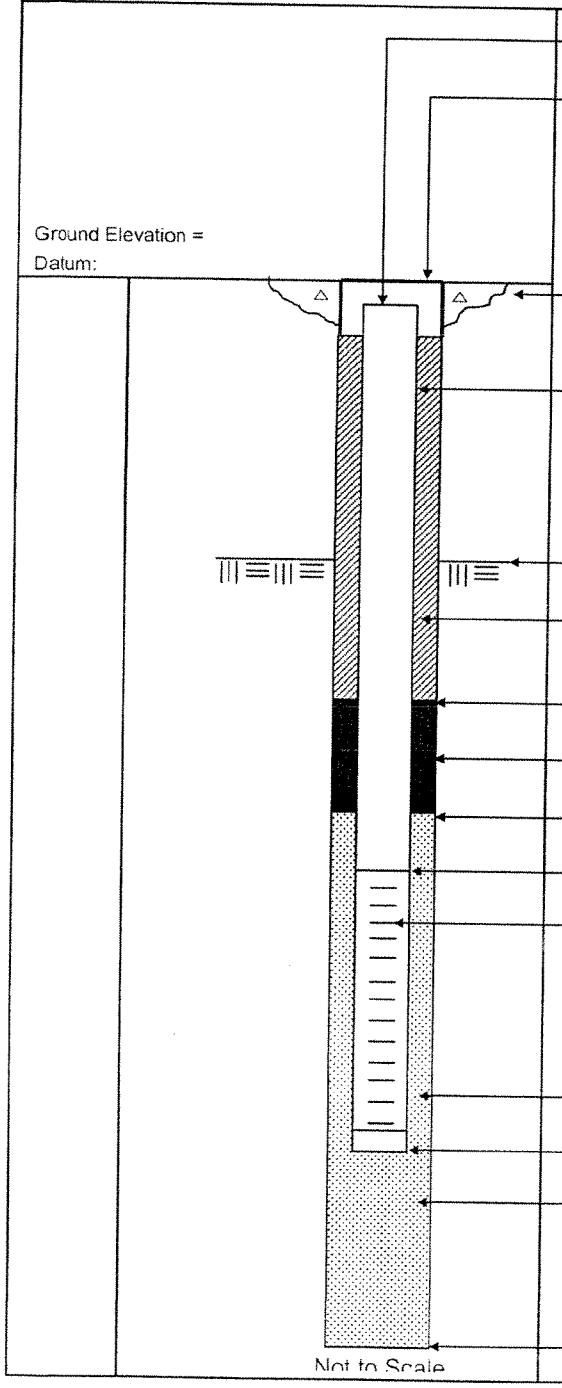
Elevation / Depth of Top of Riser:	/
Elevation / Height of Top of Surface Casing:	NA/
I.D. of Surface Casing:	NA
Type of Surface Casing:	NA
Type of Surface Seal:	Flush Mount finish
I.D. of Riser:	2-inch
Type of Riser:	Sch 40 PVC
Borehole Diameter:	4-inch
Elevation / Depth Top of Rock:	NA/
Type of Backfill:	Portland grout
Elevation / Depth of Seal:	/ NA
Type of Seal:	
Elevation / Depth of Top of Filter Pack:	/ 27.0
Elevation / Depth of Top of Screen:	/ 35.0
Type of Screen:	Sch 40 PVC
Slot Size x Length:	.01-inch 10 ft
I.D. of Screen:	2-inch
Type of Filter Pack:	20/30 sand
Elevation / Depth of Bottom of Screen:	/ 45.0
Elevation / Depth of Bottom of Filter Pack:	/ 45.0
Type of Backfill Below Well:	Formation collapse (sand)
Elevation / Total Depth of Borehole:	/ 48.0

Tetra Tech NUS, Inc.

WELL No.: Pen-46-14

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-14
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	12/02/05
SITE:	46	DRILLING METHOD:	HSA/Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: NA/

I.D. of Surface Casing: NA

Type of Surface Casing: NA

Type of Surface Seal: Flush Mount finish

I.D. of Riser: 2-inch

Type of Riser: Sch 40 PVC

Borehole Diameter: 8-inch to 25', then 4-inch

Elevation / Depth Top of Rock: NA/

Type of Backfill: Portland grout

Elevation / Depth of Seal: / NA

Type of Seal:

Elevation / Depth of Top of Filter Pack: / 34.0

Elevation / Depth of Top of Screen: / 39.0

Type of Screen: Sch 40 PVC

Slot Size x Length: .01-inch 10 ft

I.D. of Screen: 2-inch

Type of Filter Pack: 20/30 sand

Elevation / Depth of Bottom of Screen: / 49.0

Elevation / Depth of Bottom of Filter Pack: / 49.0

Type of Backfill Below Well: Formation collapse (sand)

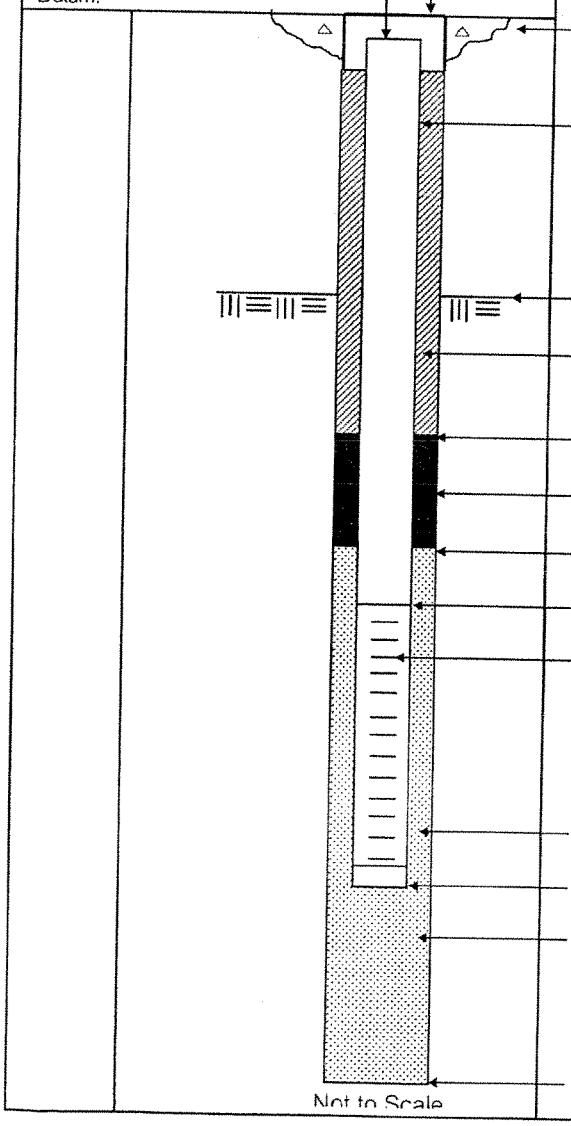
Elevation / Total Depth of Borehole: / 56.0

Tetra Tech NUS, Inc.

WELL No.: Pen-46-16

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-16
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	11/30/05
SITE:	46	DRILLING METHOD:	Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



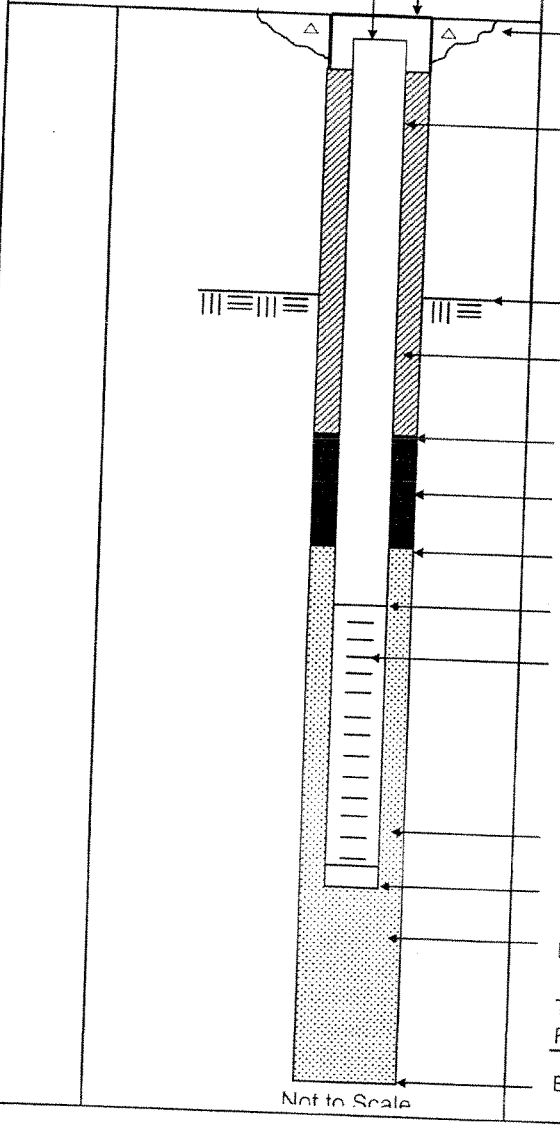
Elevation / Depth of Top of Riser:		/
Elevation / Height of Top of Surface Casing:		NA/
I.D. of Surface Casing:	NA	
Type of Surface Casing:	NA	
Type of Surface Seal:	Flush Mount finish	
I.D. of Riser:	2-inch	
Type of Riser:	Sch 40 PVC	
Borehole Diameter:	4-inch	
Elevation / Depth Top of Rock:		NA/
Type of Backfill:	Portland grout	
Elevation / Depth of Seal:		/ NA
Type of Seal:		
Elevation / Depth of Top of Filter Pack:		/ 28.0
Elevation / Depth of Top of Screen:		/ 35.0
Type of Screen:	Sch 40 PVC	
Slot Size x Length:	.01-inch 10 ft	
I.D. of Screen:	2-inch	
Type of Filter Pack:	20/30 sand	
Elevation / Depth of Bottom of Screen:		/ 35.0
Elevation / Depth of Bottom of Filter Pack:		/ 35.0
Type of Backfill Below Well:	Formation collapse (sand)	
Elevation / Total Depth of Borehole:		/ 48.5

Tetra Tech NUS, Inc.

WELL No.: Pen-46-20

MONITORING WELL SHEET

PROJECT:	Pen-RI	DRILLING Co.:	Precision	BORING No.:	Pen-46-20
PROJECT No.:	N00007	DRILLER:	Phil McKay	DATE COMPLETED:	12/02/05
SITE:	46	DRILLING METHOD:	HSA/Sonic	NORTHING:	
GEOLOGIST:	Bcaldwell	DEV. METHOD:	Overpump	EASTING:	



Elevation / Depth of Top of Riser: /

Elevation / Height of Top of Surface Casing: NA/

I.D. of Surface Casing: NA

Type of Surface Casing: NA

Type of Surface Seal: Flush Mount finish

I.D. of Riser: 2-inch

Type of Riser: Sch 40 PVC

Borehole Diameter: 8-inch to 25', then 4-inch

Elevation / Depth Top of Rock: NA/

Type of Backfill: Portland grout

Elevation / Depth of Seal: / NA

Type of Seal:

Elevation / Depth of Top of Filter Pack: / 33.0

Elevation / Depth of Top of Screen: / 36.0

Type of Screen: Sch 40 PVC

Slot Size x Length: .01-inch 10 ft

I.D. of Screen: 2-inch

Type of Filter Pack: 20/30 sand

Elevation / Depth of Bottom of Screen: / 46.0

Elevation / Depth of Bottom of Filter Pack: / 46.0

Type of Backfill Below Well: Formation collapse (sand)

Elevation / Total Depth of Borehole: / 49.0

APPENDIX B

SUPPORTING DOCUMENTS

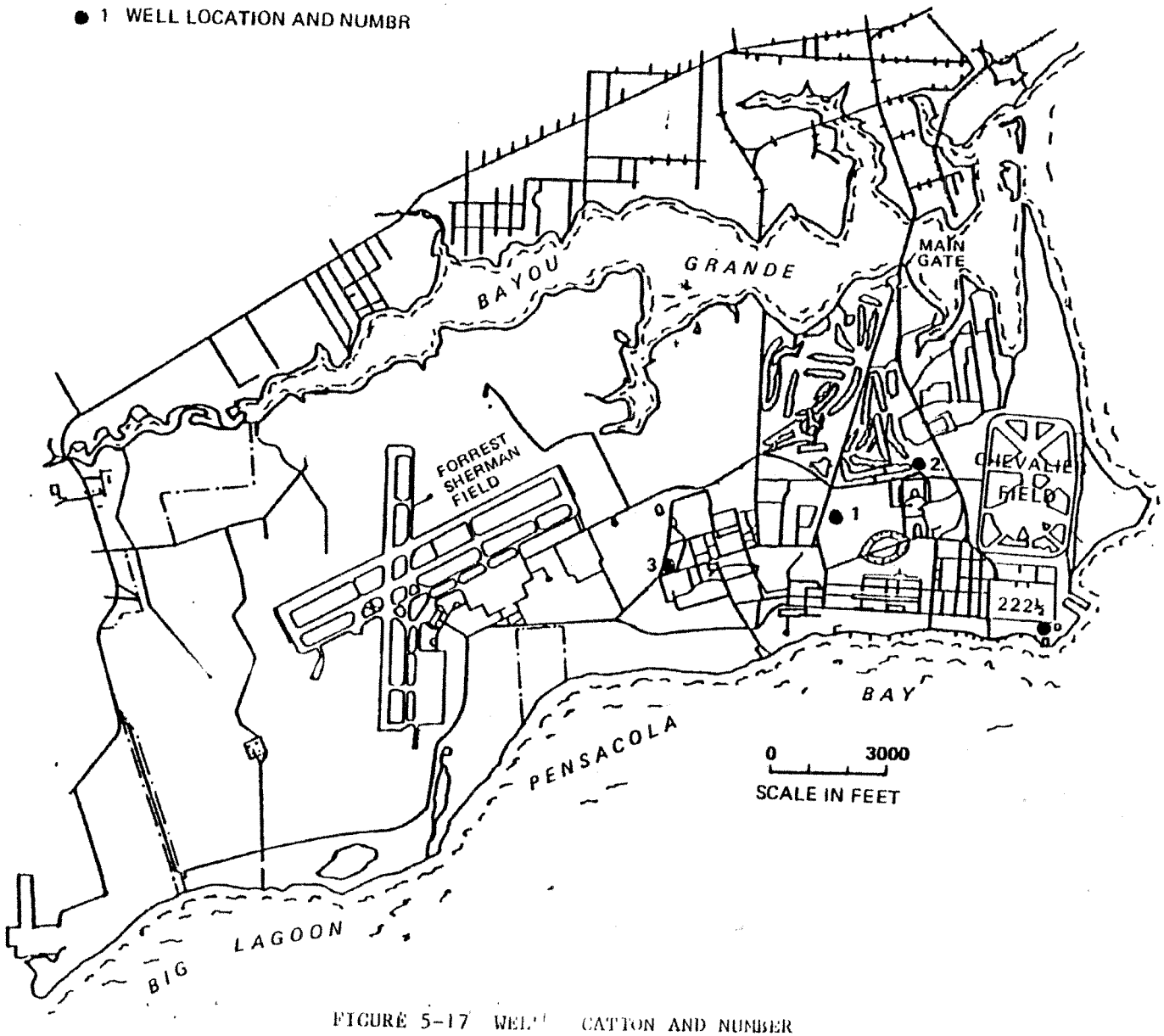


FIGURE 5-17 WELL LOCATION AND NUMBER

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN ESCAMBIA COUNTY FLORIDA

Compiled by U.S. Fish and Wildlife Service, May, 2004

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
FISH:			E	
Gulf sturgeon	*Acipenser oxyrinchus desotoi*	SSC	T CH	ESTUARINE: various MARINE: various habitats RIVERINE: alluvial and blackwater streams
Crystal darter	*Ammocrypta asprella*	T	ce	RIVERINE: alluvial stream
Harlequin darter	*Etheostoma histrio*	SSC		RIVERINE: alluvial stream
Saltmarsh topminnow	*Fundulus jenkinsi*	SSC		ESTUARINE: estuarine tidal marsh
Bluenose shiner	*Pteronotropis welaka*	SSC		RIVERINE: blackwater, alluvial, and spring-run streams
AMPHIBIANS & REPTILES:				
American alligator	*Alligator mississippiensis*	SSC	T(s/a)	ESTUARINE: marshes, various habitats LACUSTRINE: marshes, swamps, various habitats PALUSTRINE: swamps, floodplains, marshes, various habitats RIVERINE: open water, shorelines, various habitats
Flatwoods salamander	*Ambystoma cingulatum*	SSC	T	PALUSTRINE: wet flatwoods, dome swamp, basin swamp, ruderal TERRESTRIAL: mesic flatwoods (reproduces in ephemeral wetlands within this community)
Loggerhead turtle	*Caretta caretta*	T	T	TERRESTRIAL: sandy beaches; nesting
Green turtle	*Chelonia mydas mydas*	E	E	TERRESTRIAL: sandy beaches; nesting
Leatherback turtle	*Dermochelys coriacea*	E	E	TERRESTRIAL: sandy beaches; nesting
Eastern indigo snake	*Drymarchon corais couperi*	T	T	ESTUARINE: tidal swamp PALUSTRINE: hydric hammock, wet flatwoods TERRESTRIAL: mesic flatwoods, upland pine forest, sandhills, scrub, scrubby flatwoods, rockland hammock, ruderal
Hawksbill turtle	*Eretmochelys imbricata imbricata*	E	E	MARINE: open water; no nesting
Gopher tortoise	*Gopherus polyphemus*	SSC	ce	TERRESTRIAL: sandhills, scrub, scrubby flatwoods, xeric hammocks, coastal strand, ruderal
Pine barrens treefrog	*Hyla andersonii*	SSC		PALUSTRINE: seepage slope, baygall RIVERINE: seepage stream
Kemp's Ridley turtle	*Lepidochelys kempi*	E	E	TERRESTRIAL: sandy beaches; nesting
Alligator snapping turtle	*Macroclemys temminckii*	SSC	ce	ESTUARINE: tidal marsh LACUSTRINE: river floodplain lake, swamp lake RIVERINE: alluvial stream, blackwater stream
Gulf salt marsh snake	*Nerodia clarkii clarkii*		ce	ESTUARINE: tidal marsh, tidal swamp MARINE: tidal marsh, tidal swamp
Florida pine snake	*Pituophis melanoleucus mugitus*	SSC	ce	LACUSTRINE: ruderal, sandhill upland lake TERRESTRIAL: sandhill, scrubby flatwoods, xeric hammock, ruderal
BIRDS:				
Bachman's sparrow	*Aimophila aestivalis*		ce	TERRESTRIAL: various, ruderal
Southeastern snowy plover	*Charadrius alexandrinus tenuirostris*	T	ce	ESTUARINE: exposed unconsolidated substrate MARINE: exposed unconsolidated substrate TERRESTRIAL: dunes, sandy beaches, and inlet areas
Piping plover	*Charadrius melodus*	T	T CH	ESTUARINE: exposed unconsolidated substrate MARINE: exposed unconsolidated substrate TERRESTRIAL: dunes, sandy beaches, and inlet areas. Mostly wintering and migrants.
Stoddard's yellow-throated warbler	*Dendroica dominica stoddardi*		ce	TERRESTRIAL: wooded habitats with spanish moss, various
Little blue heron	*Egretta caerulea*	SSC		ESTUARINE: marshes, shoreline PALUSTRINE: floodplains, swamps RIVERINE: shoreline

E=endangered, T=threatened, P=proposed, C=candidate,s/a=Similarity of appearance, SSC=Species of Special Concern,ce=Consideration encouraged,CH=Critical habitat

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN ESCAMBIA COUNTY FLORIDA

Compiled by U.S. Fish and Wildlife Service, October, 2003

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Snowy egret	*Egretta thula*	SSC		ESTUARINE: marshes, tidal swamps, shoreline LACUSTRINE: lake edges PALUSTRINE: swamp, floodplain, ruderal RIVERINE: shoreline
Tricolored heron	*Egretta tricolor*	SSC		ESTUARINE: marshes, tidal swamps, shoreline LACUSTRINE: lake edges PALUSTRINE: swamp, floodplain, ruderal RIVERINE: shoreline
Arctic peregrine falcon	*Falco peregrinus tundrius*	E	ce	ESTUARINE: winters along coasts LACUSTRINE: various PALUSTRINE: various TERRESTRIAL: various, ruderal
Southeastern kestrel	*Falco sparverius paulus*	T	ce	ESTUARINE: various habitats PALUSTRINE: various habitats TERRESTRIAL: open pine forests, clearings, ruderal, various
American oystercatcher	*Haematopus palliatus*	SSC		ESTUARINE: exposed unconsolidated substrate, exposed mollusk reef MARINE: exposed unconsolidated substrate, exposed mollusk reef TERRESTRIAL: beaches, ruderal areas
Bald eagle	*Haliaeetus leucocephalus*	T	T	ESTUARINE: marsh edges, tidal swamp, open water LACUSTRINE: swamp lakes, edges PALUSTRINE: swamp, floodplain RIVERINE: shoreline, open water TERRESTRIAL: pine and hardwood forests, clearings
Wood stork	*Mycteria americana*	E	E	ESTUARINE: marshes LACUSTRINE: floodplain lakes, marshes (feeding), various PALUSTRINE: marshes, swamps, various
Brown pelican	*Pelecanus occidentalis*	SSC		ESTUARINE: islands for nesting, open water MARINE: open water
Red-cockaded woodpecker	*Picoides borealis*	T	E	TERRESTRIAL: mature pine forests
Black Skimmer	*Rynchops niger*	SSC		ESTUARINE: various LACUSTRINE: various RIVERINE: various TERRESTRIAL: ocean beaches, beach dune, ruderal. Nests common on rooftops.
Least tern	*Sterna antillarum*	T		ESTUARINE: various LACUSTRINE: various RIVERINE: various TERRESTRIAL: beach dune, ruderal. Nests common on rooftops.
MAMMALS:				
Santa Rosa beach mouse	*Peromyscus polionotus leucocephalus*		ce	TERRESTRIAL: beach dune, coastal scrub
Perdido Key beach mouse	*Peromyscus polionotus trissyllepsis*	E	E CH	TERRESTRIAL: beach dune, coastal scrub. Sites: Perdido Key State Rec. Area (CH), Gulf Islands National Seashore (CH).
Southeastern big-eared bat	*Plecotus rafinesquii*		ce	PALUSTRINE: various, floodplains TERRESTRIAL: pine and hardwood forests, ruderal, various
Eastern chipmunk	*Tamias striatus*	SSC		TERRESTRIAL: slope forest, upland hardwood forest, upland pine forest
West Indian manatee	*Trichechus manatus latirostris*	E	E	ESTUARINE: submerged vegetation, open water MARINE: open water, submerged vegetation RIVERINE: alluvial stream, blackwater stream, spring-run stream
Florida black bear	*Ursus americanus floridanus*	T	ce	PALUSTRINE: titi swamps, floodplains TERRESTRIAL: pine and hardwood forests
INVERTEBRATES:				

E=endangered, T=threatened, P=proposed, C=candidate,s/a=Similarity of appearance, SSC=Species of Special Concern,ce=Consideration encouraged,CH=Critical habitat

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN ESCAMBIA COUNTY FLORIDA

Compiled by U.S. Fish and Wildlife Service, October, 2003

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Narrow pigtoe	*Fusconaia escambia*		C (E)	Riverine: small to medium-sized creeks and rivers with slow to moderate current over gravel, and gravel mixed with sand or some silt. Endemic to the Escambia and Yellow River drainages of Alabama and Florida
Round ebonyshell	*Fusconaia rotulata*		C (E)	Riverine: Endemic and restricted to the main channel of the Conecuh River AL, and Escambia River, FL
Fuzzy pigtoe	*Pleurobema strodeanum*		C (E)	Riverine: small to medium-sized creeks and rivers with slow to moderate currents in sand and sand with some silt. Endemic to the Escambia, Yellow, and Choctawhatchee River drainages of Alabama and Florida.
Choctaw bean	*Villosa choctawensis*		C (E)	Riverine: Small to large creeks and rivers with moderate current over sand to silty-sand substrates. Endemic to the Escambia, Yellow, and Choctawhatchee River drainages of Alabama and Florida.
Downy rainbow (mussel)	*Villosa villosa*		ce	RIVERINE: small streams to large rivers in sand or muddy sand substrates (Panhandle watersheds: Apalachicola, Chipola, Escambia, Choctawhatchee, Ochlockonee, Suwannee)
PLANTS:				
Sweet shrub	*Calycanthus floridus*	E		TERRESTRIAL: upland hardwood forest, slope forest, bluffs PALUSTRINE: bottomland forest, stream banks, floodplains
Baltzell's sedge	*Carex baltzellii*	T	ce	TERRESTRIAL: slope forest, moist sandy loam; moist sandy loam
Godfrey's golden aster	*Chrysopsis godfreyi*		ce	TERRESTRIAL: beach dunes, coastal grassland
Cruise's golden-aster	*Chrysopsis gossypina cruiseana*	E	ce	TERRESTRIAL: coastal dunes, coastal strand, coastal grassland; openings and blowouts
Spoon-leaved sundew	*Drosera intermedia*	T		LACUSTRINE: sinkhole lake edges PALUSTRINE: seepage slope, wet flatwoods, depression marsh RIVERINE: seepage stream banks, drainage ditches
Trailing arbutus	*Epigaea repens*	E		TERRESTRIAL: bluff, slope forest, mixed hardwood forest
Heartleaf	*Hexastylis arifolia*	T		RIVERINE: seepage stream bank TERRESTRIAL: slope forest
Florida anise	*Illicium floridanum*	T		PALUSTRINE: floodplain forest, baygall RIVERINE: seepage stream bank TERRESTRIAL: slope forest, seepage slope
Mountain laurel	*Kalmia latifolia*	T		RIVERINE: seepage stream bank TERRESTRIAL: slope forest, seepage stream banks
Bog-button	*Lachnocaulon digynum*		ce	PALUSTRINE: seepage slope, wet flatwoods, bog TERRESTRIAL: seepage slopes, wet flatwoods; exposed sands
Southern red lily	*Lilium catesbaei*	T		PALUSTRINE: wet prairie, wet flatwoods, seepage slope TERRESTRIAL: mesic flatwoods, seepage slope; usually with grasses
Panhandle lily	*Lilium iridollae*	E	ce	PALUSTRINE: baygall, dome swamp edges, mucky soil, seepage slope, edges of titi bogs, RIVERINE: blackwater stream banks

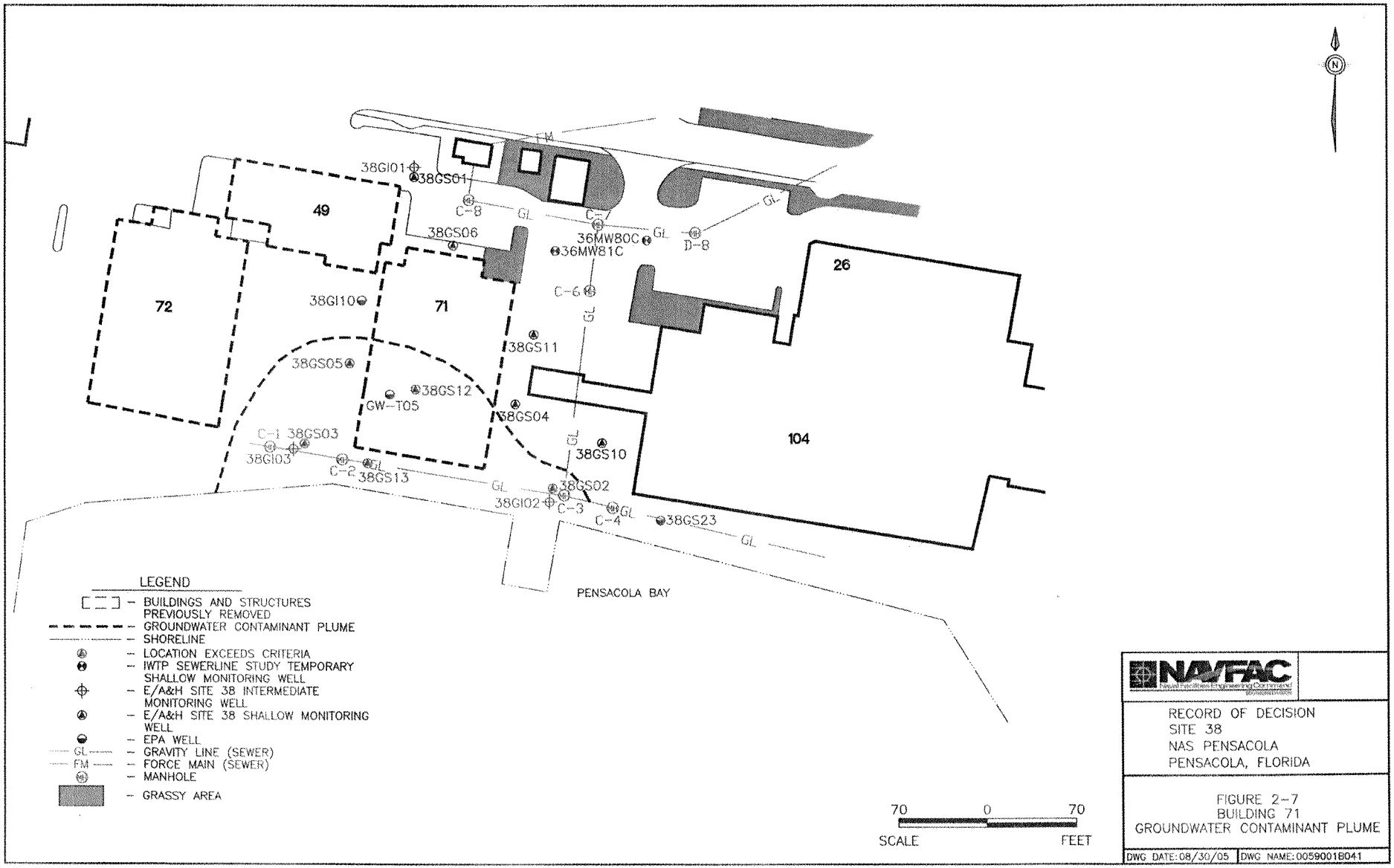
E=endangered, T=threatened, P=proposed, C=candidate,s/a=Similarity of appearance, SSC=Species of Special Concern,ce=Consideration encouraged,CH=Critical habitat

STATE AND FEDERAL THREATENED, ENDANGERED, AND OTHER SPECIES OF CONCERN LIKELY TO OCCUR IN ESCAMBIA COUNTY FLORIDA

Compiled by U.S. Fish and Wildlife Service, October, 2003

Common Name	Scientific Name	Status State	Status FWS	Natural Communities
Gulf coast lupine	*Lupinus westianus*	T	ce	TERRESTRIAL: beach dune, scrub, disturbed areas, roadsides, blowouts in dunes
Hummingbird flower	*Macranthera flammea*	E		PALUSTRINE: seepage slope, dome swamp edges, floodplain swamps RIVERINE: seepage stream banks TERRESTRIAL: seepage slopes
Piedmont water-milfoil	*Myriophyllum laxum*		ce	LACUSTRINE: sandhill upland lake, submersed PALUSTRINE: floodplain and dome swamp RIVERINE: blackwater stream, roadside ditches
Naked-stemmed panic grass	*Panicum nudicaule*		ce	PALUSTRINE: seepage slope, bog, wet flatwoods, dome swamp
Chapman's butterwort	*Pinguicula planifolia*	T	ce	PALUSTRINE: wet flatwoods, seepage slopes, bog, dome swamp, ditches; in water
Primrose-flower butterwort	*Pinguicula primulifolia*	E		PALUSTRINE: bogs, pond margins, margins of spring runs
Yellow fringed orchid	*Platanthera ciliaris*	T		PALUSTRINE: bogs, wet flatwoods TERRESTRIAL: Bluff
Yellow fringeless orchid	*Platanthera integra*	E	ce	PALUSTRINE: wet prairie, seepage slope TERRESTRIAL: mesic flatwoods
Large-leaved jointweed	*Polygonella macrophylla*	T	ce	TERRESTRIAL: scrub, sand pine/oak scrub ridges
Florida pondweed	*Potamogeton floridanus*		ce	RIVERINE: blackwater stream
Orange azalea	*Rhododendron austrinum*	E		PALUSTRINE: bottomland forest RIVERINE: seepage stream bank TERRESTRIAL: slope forest, upland mixed forest
White-top pitcher plant	*Sarracenia leucophylla*	E	ce	PALUSTRINE: wet prairie, seepage slope, baygall edges, ditches
Parrot pitcher plant	*Sarracenia psittacina*	T		PALUSTRINE: wet flatwoods, wet prairie, seepage slope
Decumbant pitcher plant	*Sarracenia purpurea*	T		PALUSTRINE: Bogs
Red-flowered pitcher plant	*Sarracenia rubra*	T		PALUSTRINE: bog, wet prairie, seepage slope, wet flatwoods RIVERINE: seepage stream banks
Silky camellia	*Stewartia malacodendron*	E		PALUSTRINE: baygall PALUSTRINE: slope forest, upland mixed forest, TERRESTRIAL: slope forest, upland mixed forest; acid soils
Drummond's yellow-eyed grass	*Xyris drummondii*		ce	PALUSTRINE: wet flatwoods, bog, seepage slopes, ditches
Harper's yellow-eyed grass	*Xyris scabrifolia*	T	ce	PALUSTRINE: seepage slope, wet prairie, bogs

E=endangered, T=threatened, P=proposed, C=candidate,s/a=Similarity of appearance, SSC=Species of Special Concern,ce=Consideration encouraged,CH=Critical habitat



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71
26
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38GI01
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C-8
GL
C-7
36MW80C
36MW81C
D-8
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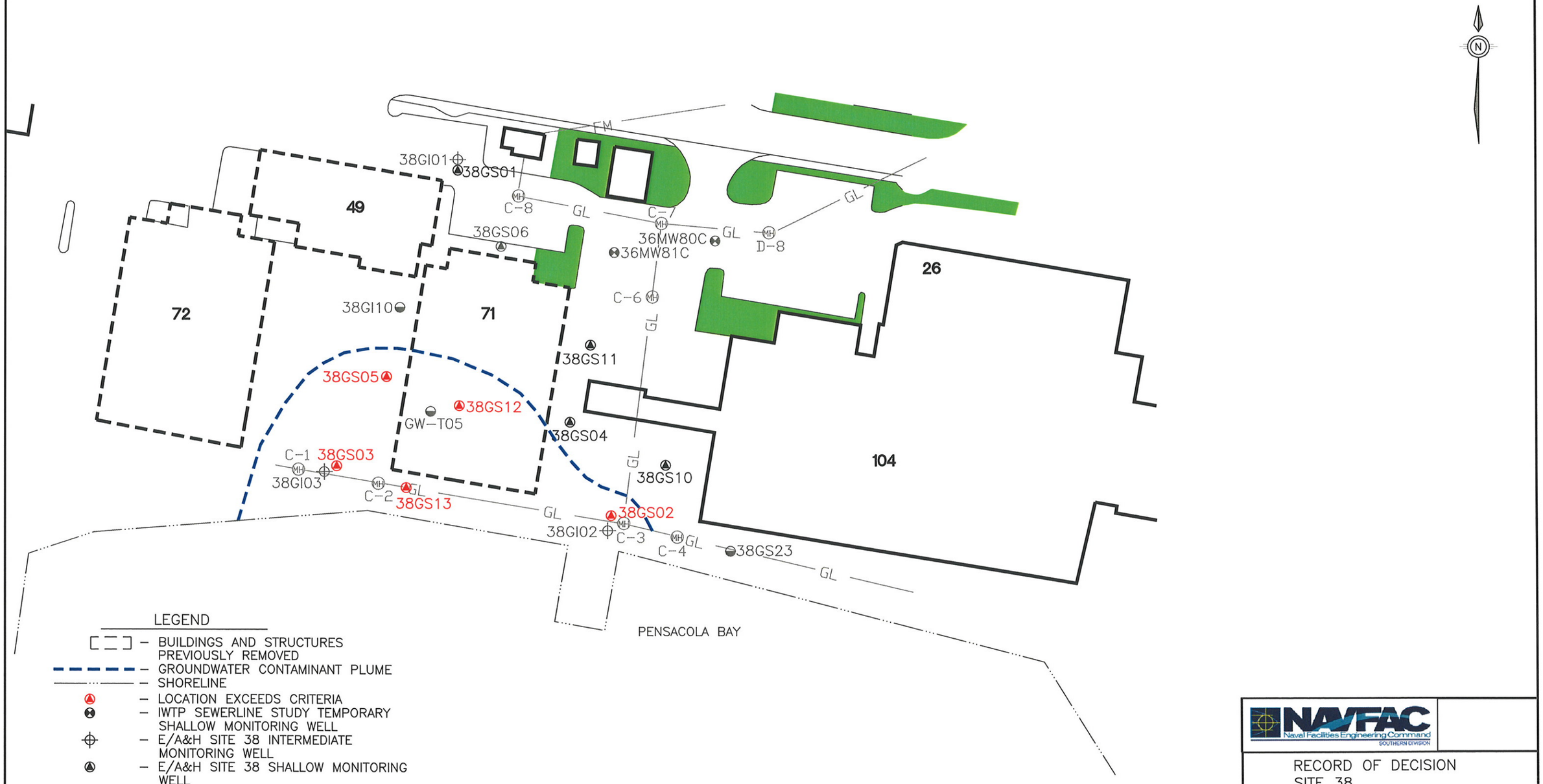
C-6
38GI10
38GS11
38GS05
38GS12
GW-T05
38GS04
C-1
38GS03
38GI03
C-2
38GS13
38GS10
38GS02
38GI02
C-3
C-4
38GS23
FM
PENSACOLA BAY
LEGEND
BUILDINGS AND STRUCTURES PREVIOUSLY REMOVED
GROUNDWATER CONTAMINANT PLUME
SHORELINE
LOCATION EXCEEDS CRITERIA
IWTP SEWERLINE STUDY TEMPORARY SHALLOW MONITORING WELL
E/A&H SITE 38 INTERMEDIATE MONITORING WELL
E/A&H SITE 38 SHALLOW MONITORING WELL
EPA WELL
GRAVITY LINE (SEWER)
FORCE MAIN (SEWER)
MANHOLE
GRASSY AREA
70 0 70
SCALE FEET
NAVFAC
Naval Facilities Engineering Command
RECORD OF DECISION
SITE 38
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-7
BUILDING 71
GROUNDWATER CONTAMINANT PLUME
DWG DATE: 08/30/05
DWG NAME: 0059001B041


FM
38GI01
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72
38GI10
71
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C-6
GL
38GS11
38GS05
38GS12
GW-T05
38GS04
C-1
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PENSACOLA BAY
LEGEND
– BUILDINGS AND STRUCTURES PREVIOUSLY REMOVED
– GROUNDWATER CONTAMINANT PLUME
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MH – MANHOLE
– GRASSY AREA
70 0 70
SCALE FEET
NAVFAC Naval Facilities Engineering Command SOUTHERN DIVISION
RECORD OF DECISION
SITE 38
NAS PENSACOLA
PENSACOLA, FLORIDA
FIGURE 2-7
BUILDING 71
GROUNDWATER CONTAMINANT PLUME
DWG DATE: 08/30/05
DWG NAME: 0059001B041

Use of Geochemical Analysis in Identification of Inorganic Contamination in Soil
Naval Air Station Pensacola (NASP), Pensacola, Florida

Introduction:

This technical brief has been prepared to present a geochemical methodology that can be simply applied to site-specific data to identify "outliers" for a given inorganic (those samples that fall outside of expected natural concentrations) at NASP. Inherent to this is the use of the methodology to define the naturally occurring range of the inorganic. In this document, using the available data from base-wide investigations, the geochemical method of identifying the range of naturally-occurring inorganics has been used for arsenic in soil at NASP, and the consequent model can be applied to determine if site samples contain arsenic outside of the naturally occurring range. The geochemical method is relatively new (US Navy, 1999; US Navy, 2002; Gannett Fleming 2005; Caldwell, et. al, 2005a&2005b), but is based on robust statistical methods and has been used successfully to define inorganic outliers (Caldwell, et al 2005a, Gannett Fleming 2005). A significant programmatic approach utilizing this method has been performed at Avon Park Air Force Range (APAFR; Gannett Fleming 2005), and similar statistical procedures have been followed for NASP. Because the work performed at Avon Park has been extensively reviewed and accepted by both Florida Department of Environmental Protection (FDEP) and the EPA, relevant language is either paraphrased or excerpted in this technical brief.

Data Source:

In 1992 a small set of approximately 20 soil samples were collected from known un-impacted areas to represent "background" for NASP. Since then, numerous site investigations have been performed, yielding a soil dataset on the order of 2000 soil samples. In a recent guidance document (USEPA, 2002) "background" is defined according to whether substances of interest are:

- *Naturally occurring*: substances present in the environment in forms that have not been influenced by human activity, or
- *Anthropogenic*: natural and man-made substances that are present in the environment as a result of human activity but are not specifically site-related

A background population, ideally, is a collection of samples that represents ambient conditions, i.e., not influenced by site-related human activities, at a location of interest.

Included in the EPA definition of background are anthropogenic contributions that are not related to activities at a particular site. Three possible means of identifying a population of background samples are:

1. *From site investigations.* At many Federal facilities and elsewhere, large numbers of samples have been collected as part of routine site investigations, giving rise to the possibility that the "background" geochemical signal may be extracted from facility-wide data sets. Ideally, a background data set obtained in this manner would be desirable because the samples of which it is comprised would be truly representative of the same soil types as the site soils. By using facility-wide data as the basis for identifying the background geochemical signature,

the distribution of background samples is spatially constrained and so differences between "background" and "site" data attributable to large-scale, non-point-source effects (e.g., aerial deposition, regional differences in geologic environment, etc.) are minimized. However, this approach necessarily means that some subset of the facility-wide data consists of soil with chemical compositions reflecting naturally occurring and/or anthropogenic background conditions, and some other subset contains samples bearing site-related contamination.

2. *From basewide sampling.* Many Federal facilities have conducted investigations specifically for the purpose of establishing facility-wide background concentration ranges. Typically, such studies sample locations that are agreed upon as "clean" but are from geologically, hydrologically, and geochemically similar environments as the site samples. In principle, this approach is well motivated, but in practice, the background samples may not be representative of site soils. Another limitation often encountered in examining data collected specifically to establish basewide background is the size of the sample population. In many cases, it is not clear that a sample set of the order of n = 20 is representative of the full range of background conditions.

3. *From other, independently derived data sets.* Other data sets have been assembled by state agencies, the US Geological Survey, and other entities, for independent purposes. Examples are the background concentrations established for Florida soils from a statewide investigation (Table 3; Chen et al., 1998, 1999), or the nationwide data set assembled by the US Geological Survey (Table 4; Boerngen and Shacklette, 1981). The data from both sets are similar in concentration ranges for all of the elements of interest.

At NASP, there is only one site that is known to be directly associated with arsenic as an integral part of site activities (Site 15 Pesticide Rinsate Disposal Area; associated with arsenate-containing pesticides). Because of the limited number of samples collected at this site relative to the cumulative number collected from site investigations, the entire dataset from all site investigations including Site 15 was used as the basis for determining the natural occurrence of arsenic in soil at NASP.

Choice of Background Modeling Methods:

Two generally accepted methods for determining the natural occurrence of inorganic analytes using pre-existing data are population modeling and geochemical modeling (US Navy 2002; EPA 2000). The successful use of population modeling depends on the distribution of the data (normal or log-normal) and a reasonable ratio of detected analytes to non-detected analytes (NDs). If the data are neither normal nor log-normally distributed (meaning they are naturally skewed on either the low or high end), the ability to predict their natural distribution and identify outliers is compromised. Similarly, the incorporation of non-detects into the modeling requires that the NDs comprise no more than 15% of the data; when they are greater than 15% reasonable conclusions regarding the data distribution cannot be made (US Navy, 2002; EPA 2000).

The Facility-wide soil dataset at NASP (included electronically as Attachment A) contains 2,106 samples analyzed for arsenic. Of these, only 751 or 37.25% had detectable arsenic concentrations (ranging from 0.1-66.3 mg/kg) and 1,265 or 62.75% were non-detect. Because the number of samples with no detection of arsenic was significantly greater than 15%, population modeling

was not performed to determine the naturally occurring range of arsenic. Instead, modeling using the geochemical method was preformed (US Navy, 2002; Caldwell, et. al, 2005a; Gannett Fleming 2005).

Geochemical Modeling:
The concept of a 'geochemical evaluation' uses knowledge of naturally occurring geochemical processes to discriminate between concentrations of inorganic elements (specifically trace metals) that are characteristic of ambient soil/groundwater conditions, and levels that are likely to have resulted from site activities. In soils, trace metal abundances are often controlled by processes that take place during soil formation. The elements of interest are liberated from their sources – for example, in minerals present in bedrock – by a number of mechanical, chemical, and microbial processes that occur during and after erosion, transport, and re-precipitation. Trace metals are often present in soils in constant proportions to a reference element (e.g., iron, aluminum, manganese, etc.) due to the integrated effects of any of a number of geochemical processes. These include adsorption onto oxides, hydroxides, and oxyhydroxides of iron, aluminum, and manganese; uptake by other surface complexation mechanisms; coprecipitation through substitution for elements with similar electrical charge and ionic radius; sorption onto clay mineral surfaces; and complexation by soil organic material. These processes are often geographically widespread and result in distributions of trace metals in fixed proportion to one another and to microelements such as iron, aluminum, or manganese.

The geochemical evaluation focuses primarily on graphical presentation of the data so that relationships between a "reference element" (e.g., iron, aluminum, or manganese) and other, trace metals, can be visually compared. When the log-transformed concentration of a trace metal of interest (for example, arsenic) is plotted against a reference element (for example, iron), the data often plot along a trend that is described by a straight line. A linear correlation indicates that these pairs of elements are present in a constant proportion as defined by the regression equation, which represents the *integrated* effects of naturally occurring geochemical processes: often, these ratios are approximately constant regardless of soil type, soil horizon, geological environment, or geographic location. Superimposing the regression line and the 95% upper and lower prediction limits *derived from the background data* on a site data set permits rapid visual assessment of any outliers. Conversely, data from many sites frequently lie within the 95% prediction interval and so may be considered to be consistent with the background population. Alternative methods for evaluating the linear correlation is to sequentially remove data points based on their iterative decrease in magnitude of their variance from a trend line until a desired correlation is met or until data removal does not result in an increase in correlation; the removed data are then considered outliers and the remaining are considered representative of natural conditions (Caldwell, 2005A, 2005b). This method also provides a range of ratios between the dependent and independent variable that can be used to bound the natural conditions. Thus, even though individual samples may report elevated concentrations of constituents of potential concern (e.g., arsenic) when compared to a singular screening criteria (e.g., soil screening level) based on arsenic *alone*, these levels may be naturally occurring nevertheless and do not necessarily reflect site impact. Conversely, significant deviations from a linear correlation – for example, due to enrichment of an element above a generally linear trend – may indicate contamination.

Modeling Technique:

The technique to model the geochemical relationship is the use of linear regression. Linear regression is a bivariate statistical solution that quantifies the relationship between two variables, one dependent and the other independent (unknown variable and a predictor variable). Use of this technique in the environmental arena assumes that, between two geochemically similar inorganics, they will co-exist at a relatively constant relationship under natural conditions, including variations in soil types and environmental conditions. Variations from this relationship signify a deviation from natural conditions, and therefore can be used as an indicator of potential contamination. Geochemically similar inorganics are chosen to be paired for the linear regression, as it is likely that intrinsic environmental conditions act on both of them equally (for example iron and arsenic or aluminum and lead). For this evaluation, iron was used as the independent variable and arsenic the dependent. In the geochemical method, no non-detects are used. Of the 2016 samples analyzed for arsenic, 1851 were also analyzed for iron. Of these 1851 samples, 653 had detections of both iron and arsenic; these samples were used in the geochemical evaluation.

The mechanical process of using linear regression in environmental data involves plotting of the paired values (from the same sample) of both the dependent and independent inorganics on both normally-scaled and log-scaled axes (or log-transformed data on linear –scaled axes). The resulting statistic that quantifies the degree to which the two inorganics are correlated is the correlation coefficient R (also referred to as Pearson's product moment coefficient); this statistic ranges from 1.0 to -1.0, with the sign designating either a positive or negative correlation, and the numerical value designating the magnitude of correlation (1.0 or -1.0 representing a perfect 1-to-1 relationship). The process consists of plotting the paired data and calculating the R value; the best correlation between the two variables is then represented graphically by the linear equation:

$$y = mx+b$$

where m = the rate of change in the variables relative to each other, and
b is the intercept on the y-axis.

On the graph, the line used to calculate the regression equation is fit through all of the data using a least-squares fit, whereby the variance from the line for each point (in total) is minimized. Once the data is plotted, the square of the correlation coefficient (the coefficient of determination - R^2) is used to quantify the proportion of variance in each variable that is explained by its co-occurrence with the other. For positive correlations that are normally encountered with environmental inorganic analytes (more of one constituent results in more of the other), an R^2 value of 0.6 (60 % explained variance, correlation coefficient of 0.77) is considered significantly correlated, 0.8 (80 % explained variance, correlation coefficient of 0.89) is considered strongly correlated and 0.9 (90% explained variance, correlation coefficient of 0.95) is considered very strongly correlated. Linear regressions can be performed for both non-transformed and log-transformed data. In the case where variances are relatively small, non-transformed data plots tend to illuminate deviations from the least-squares trend line better than log-transformed data, which minimizes the magnitude of variances from the trend line and between points.

For NASP, the entire dataset from site investigations was used to perform linear regressions to define natural conditions. As a result, it was recognized that some samples representing potentially contaminated conditions would be included in the dataset. To identify those samples, and to arrive at a dataset that is representative of natural conditions, a process of sequential elimination was employed (Caldwell et. al, 2005a, 2005b). In this process, the raw data for paired inorganics are plotted and a consequent least-squares trend line is calculated and plotted. Data are then sequentially removed from the dataset based on the magnitude of their variance from the trend line (larger magnitudes are removed before those with less). Once a data point is removed, the R^2 value is re-calculated. This is continued on an iterative basis (virtual remediation) until the R^2 value is 0.6 or greater (or until a point is reached at which the R^2 value does not increase with outlier removal), indicating that significant correlation exists between the remaining data (Caldwell, et. al 2005a). It is critical that the process of data removal is objective, namely that using the magnitude of variance from the least-squares trend line is the criteria for data removal.

Arsenic Geochemical Model Results:

The geochemical modeling data is presented in logical steps, including:

a) All raw non-transformed data plotted with a least-squares trend line;
b) Non-transformed data plotted with a least-squares trend line and outliers removed;
c) All transformed data plotted with a least-squares trend line;
d) Transformed data plotted with a least-squares trend line and non-transformed identified outliers removed;
e) Transformed data with a least-squares trend line and outliers removed.

The following graphs and tables present the above – cited data.

Figure 1. Arsenic and Iron – Raw Data

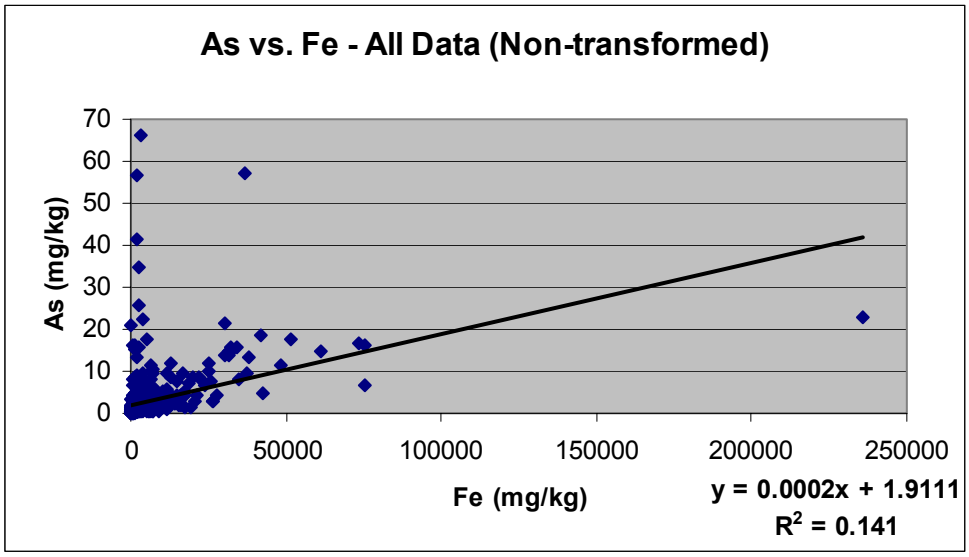
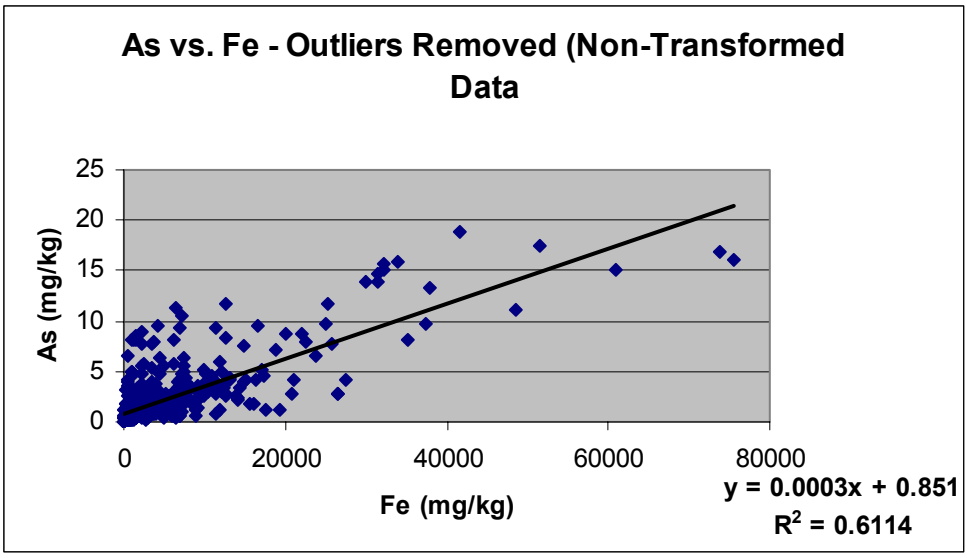


Figure 2. Arsenic and Iron – Outliers Removed; Non-transformed data

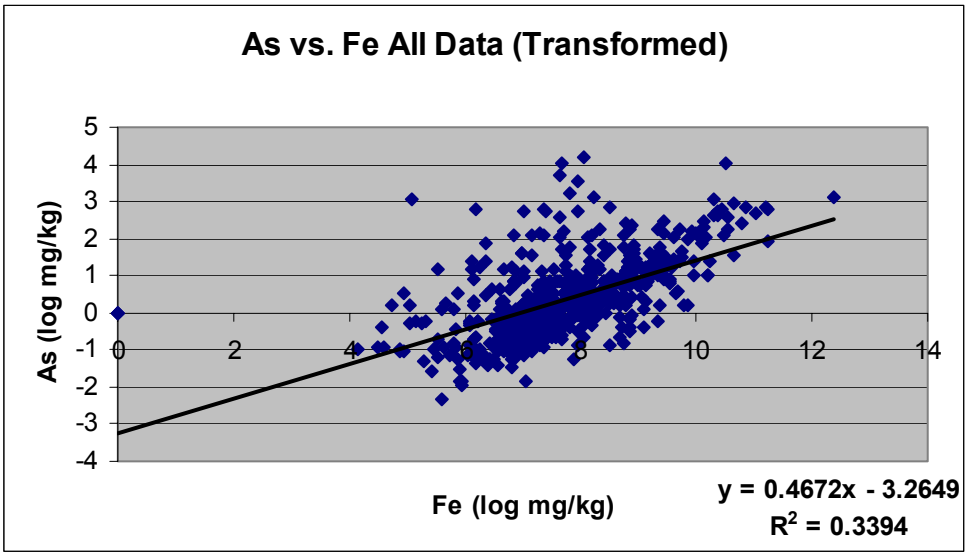


This graph presents the plot of non-transformed data with outliers removed. The outliers data were sequentially removed until an R^2 value of 0.6 or better with the remaining data was arrived at. Table 1 presents the outliers in the order in which they were identified and removed.

Table 1. Outliers Removed – Non-transformed data

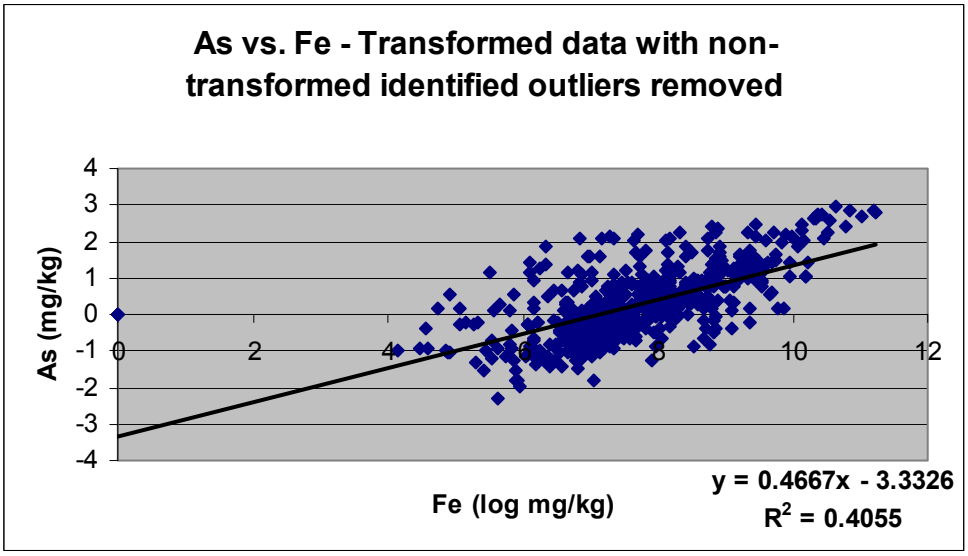
Site	Sample	Parameter	Value (mg/kg)	Parameter	Value (mg/kg)	Enriched Inorganic
15	15S007	IRON	2180	ARSENIC	56.5	As
15	15S014	IRON	3100	ARSENIC	66.3	As
43	PEN-43SV03	IRON	36700	ARSENIC	57.3	Fe
15	15S004	IRON	2100	ARSENIC	41.6	As
15	15S015	IRON	2830	ARSENIC	34.6	As
15	15S012	IRON	2460	ARSENIC	25.5	As
43	PEN-43SV07	IRON	236000	ARSENIC	22.9	Fe
15	15S027	IRON	3760	ARSENIC	22.4	As
38	38S035	IRON	160	ARSENIC	21.1	As
15	15S013	IRON	488	ARSENIC	16.2	As
11	11LF01	IRON	2870	ARSENIC	15.8	As
14	14S03	IRON	4920	ARSENIC	17.5	As
43	43DR01501	IRON	75500	ARSENIC	6.7	Fe
15	15S013	IRON	1120	ARSENIC	15.1	As
15	15S020	IRON	1580	ARSENIC	16	As
38	38S012	IRON	1610	ARSENIC	15.6	As
09	09S028	IRON	30200	ARSENIC	21.4	As
15	15S021	IRON	2060	ARSENIC	13.1	As
12	12S016	IRON	42600	ARSENIC	4.7	Fe

Figure 3. Arsenic and Iron; All data - Transformed



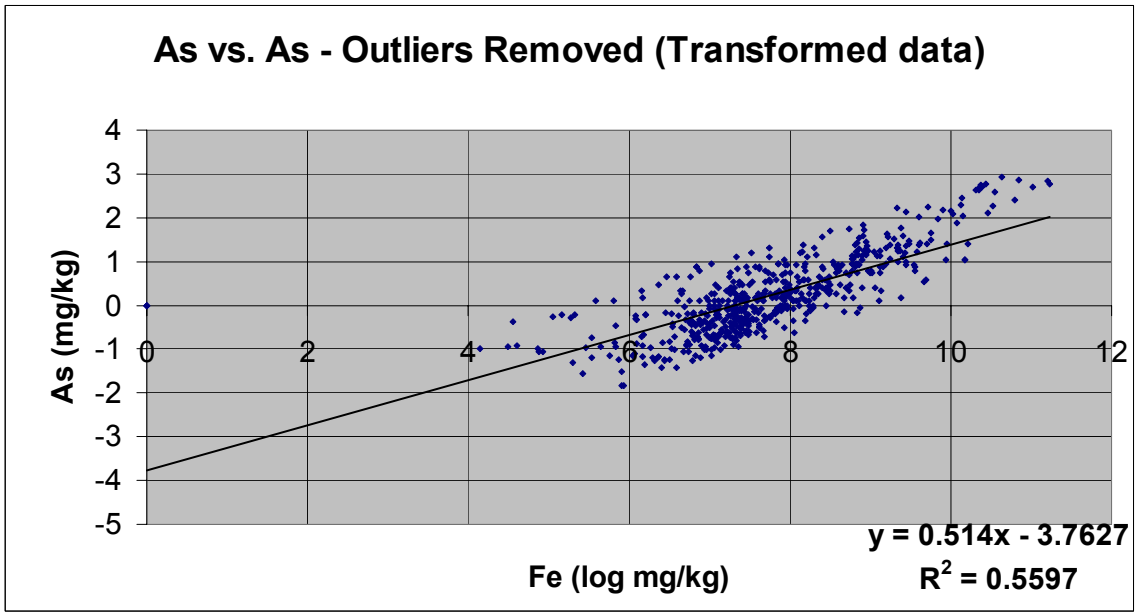
This graph presents the entire dataset plotted after log-transformation.

Figure 4. Arsenic and Iron- All data; Non-transformed identified outliers removed



This graph represents the beginning point for the transformed data analysis; all sequential removal of outliers proceeded using this dataset as the starting base. Identical to the non-transformed data, outliers were iteratively identified and removed based on their variance from the least-squares regression trend line. In the case of the transformed data, outliers (identified by their magnitude of variance from the least-squares trend line) were removed until which time additional point removal caused the R^2 value to decrease (0.5814), a threshold point at which the maximum natural correlation was reached.

Figure 5. Arsenic and Iron – Non-Transformed and Transformed data outliers removed



In sequential removal of outliers in the transformed data, the graph above represents the limit of sample points that could be removed objectively (using magnitude of variance from the least – squares trend line as the criteria) with a consequent increase in the R^2 value. Removal of additional outliers above the R^2 value of 0.5597 began to result in lower R^2 values. Although it is possible the R^2 value could be further increased, it could be considered subjective as the variance between points was increasingly similar and it would not be based on sequentially removing points with the highest variance from the trend line. As a result, the regression above (55.97% explained variance) effectively represents the upper limit of correlation between As and Fe that naturally occurs at NASP. Because of the dulling effect of log transformation (which decreases the difference in magnitude of variance between points and results in smaller changes in R^2 value when one is removed), more outliers were identified in the transformed regression. These outliers are listed in order of their removal from the dataset in Table 2.

Site	Sample	Iron Result	Log Iron Result	Arsenic Result	Log Arsenic Result	Enriched Inorganic
15	15S015	571	6.34738921	6.5	1.871802177	As
38	38S036	936	6.841615476	8.2	2.104134154	As
15	15S005	1300	7.170119543	8.2	2.104134154	As
15	15S023	1450	7.279318835	8.5	2.140066163	As
33	033SS010	250	5.521460918	3.2	1.16315081	Fe
15	15S010	1170	7.064759028	0.16	-1.832581464	Fe
46	46SB29	275	5.616771098	0.1	-2.302585093	Fe
15	15S002	1560	7.3524411	8.1	2.091864062	As
15	15S004	447	6.102558595	4.1	1.410986974	As
15	15S016	2190	7.691656823	8.9	2.186051277	As
17	17S004	6370	8.759354749	0.43	-0.84397007	Fe
33	033SS370	575	6.354370041	4	1.386294361	As
18	18-4	2110	7.654443226	7.8	2.054123734	As
18	18-4	138	4.927253685	1.7	0.530628251	As
45	45SB20	6540	8.785692444	11.4	2.433613355	As
45	45SB25	4090	8.316300249	9.5	2.251291799	As
15	15S015	1090	6.993932975	5	1.609437912	As
15	15S010	1060	6.966024187	5	1.609437912	As
38	38S035	513	6.240275845	3.5	1.252762968	As
38	38S013	453	6.115892125	3.2	1.16315081	As
33	033SS030	3370	8.122668023	7.7	2.041220329	As
15	15S029	2690	7.897296473	0.29	-1.237874356	As
17	017S0007	5010	8.519191194	0.42	-0.867500568	Fe
36	036S073W	1280	7.154615357	4.8	1.568615918	As
11	11S011	3600	8.188689124	7.9	2.066862759	As
45	45SB25	7230	8.885994315	10.6	2.360854001	As
45	45SB04	2180	7.687080156	5.6	1.722766598	As
27	27S027	115	4.744932128	1.2	0.182321557	As
15	15S010	384	5.950642553	0.14	-1.966112856	Fe
15	15S012	469	6.150602768	2.5	0.916290732	As
15	15S009	786	6.666956792	3.2	1.16315081	As
38	038S0T15	2500	7.824046011	5.7	1.740466175	As
15	15S001	913	6.816735881	3.4	1.223775432	As
27	27S018	7040	8.859363449	9.4	2.240709689	As

Site	Sample	Iron Result	Log Iron Result	Arsenic Result	Log Arsenic Result	Enriched Inorganic
17	017S0008	5870	8.677609913	0.53	-0.634878272	Fe
17	17S003	8920	9.096051226	0.69	-0.371063681	Fe
36	36S022	11500	9.350102314	0.81	-0.210721031	Fe
17	17S005	6860	8.833462721	0.61	-0.494296322	Fe
27	27S025	12600	9.441452093	11.8	2.468099531	As
30	30GS12	6300	8.748304912	8.1	2.091864062	As
30	030S0147	2280	7.731930722	4.8	1.568615918	As
27	027S0012	158	5.062595033	1.2	0.182321557	As
15	15S020	956	6.862757913	3	1.098612289	As
45	45SB25	4500	8.411832676	6.3	1.840549633	As
27	27S019	353	5.866468057	1.7	0.530628251	As
15	15S007	1110	7.012115294	3.1	1.131402111	As
28	28S03	7040	8.859363449	0.67	-0.400477567	Fe
33	033SS570	19300	9.867860375	1.2	0.182321557	Fe
36	36S003	3500	8.160518247	5.4	1.686398954	As
15	15S030	2870	7.962067309	0.41	-0.891598119	Fe
34	034S1201	902	6.80461452	0.23	-1.46967597	Fe
27	27S049	291	5.673323267	1.3	0.262364264	As
27	28S02	6120	8.719317376	0.68	-0.385662481	Fe
43	43DR00901	17700	9.781319919	1.2	0.182321557	Fe

Conclusions:

Based on the method of geochemical regression modeling (US Navy 2002; Gannett Fleming 2005), the soil data from all NASP investigations were evaluated for arsenic. The dataset consisted of a total of 2,668 soil samples. Of these, 2016 were analyzed for arsenic and 751 had detectable concentrations. Because of the high percentage of non-detects (62.75 %), geochemical modeling was performed over population modeling to define the natural occurrence of arsenic.

Geochemical modeling of arsenic was performed through linear regression against iron, a geochemically similar constituent. There were a total of 651 samples that had detected concentrations of both iron and arsenic that were used in the evaluation. The R^2 value of the raw untransformed data was 0.141; sequential removal of 19 outliers based on their variance from a least squares trend line yielded an R^2 value of 0.6114 (for this evaluation an R^2 value of 0.6 was considered a significant correlation). The R^2 value of the raw transformed data was 0.3394; when the 19 outliers identified during the non-transformed analysis were removed the R^2 value increased to 0.4055. Sequential removal of an additional 54 outliers from the transformed data based on their decreasing variance from the least squares trend line yielded a R^2 value of 0.5597. At this point removal of additional points with the greater variance from the least squares trend line did not result in a consequent sequential increase in the R^2 value, thus the resulting dataset represents the maximum objective correlation between arsenic and iron, which in this case in interpreted to be inferably natural. The final dataset had the following characteristics:

Fe range: 63.4 – 75,600 mg/kg
As range: 0.1 – 17.5 mg/kg
As/Fe ratio range: 0.000101695 to 00071204
Correlation prediction equation (log transformed): y (Fe) = 0.514x (As) – 3.7267

The samples identified as outliers represent statistically significant deviations from the natural distributions for both Fe and As. The geochemical analysis a) identified a total of 73 samples as being statistically different from background conditions (55 enriched with respect to As, and 18 enriched with respect to Fe); and b) provided a prediction equation and a bounding range of ratios of As/Fe that can be used for future sampling to identify samples that are not consistent with background. An additional method that can be used is to bound this geochemical model with the 95% prediction limits; outliers falling outside of this 95% envelope should then be considered outliers (Gannett Fleming, 2005)..

References:

Boerngen, J. G., and Shacklette, H. T., 1981, Chemical analyses of soils and other surficial materials of the conterminous United States. U.S. Geological Survey Open-FileReport 81-197, U.S. Geological Survey, Denver, CO.

Caldwell, B.E., Harris, A.D., and Hill, W.J., 2005a. The Use of Linear Regression and Virtual Remediation to Define Inorganic Background in Saltwater Sediments, NAS Pensacola. Joint Services Environmental Management Annual Conference, Proceedings.

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Chen, M., Ma, L. Q., and Harris, W. G., 1998. Background concentrations of trace metals in Florida surface soils: comparison of four EPA digestion methods and baseline concentrations of 15 metals. (1998 Annual Report).

Chen, M., Ma, L. Q., Harris, W. G., and Hornesby, A. G., 1999. Background concentrations of trace metal in Florida surface soils: taxonomic and geographic distributions of total-total and total-recoverable concentrations of selected trace metals. (1999 Annual Report).

EPA, 2000. Guidance for Data Quality Assessment, Practical Methods for Data Analysis, EPA QA/G-9, QA 00 Update, EPA/600/R-96/084.

Gannett Fleming, 2005. Trace Metals in Soils from the Avon Park Air Force Range, Fl: A Geochemical Protocol for Site-to-Background Comparisons. Submittal Report to the US Navy.

US Navy, 1999. Handbook for Statistical Analysis of Environmental Background Data.

US Navy, 2002. Guidance for Environmental Background Analysis, Volume 1, Soil (prepared by Battelle Memorial Institute, Earth Tech, Inc, and NewFields, Inc.)

APPENDIX C

AQUIFER CHARACTERIZATION ANALYSES

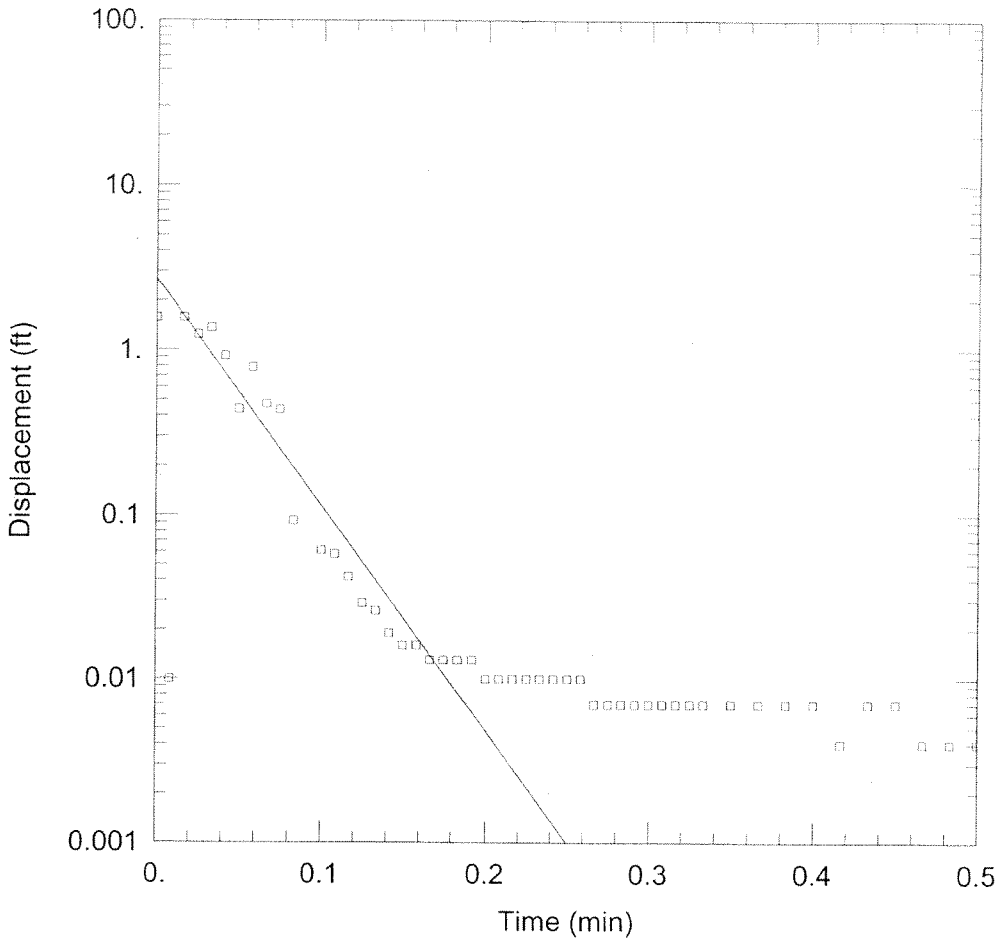
Site Information	
Site Name	SITE 46 NASP
Project	
Project Number	PEN RI
Date	N00507
Personnel	12/6/05

Well Information	
Name	PEN-46-3
Inside Diameter	2"
Borehole Diameter	4"
Total Depth	12.9
Depth to Water	4.10
Water Column	8.8
Screen length	10
TOC Elevation	

Data Logger	
Model	~~PXD260~~ HERMIT 2000
Serial Number	2K593
Test Rate	LOG
Mode (TOC/SUR)	SUR
Level/Func.	LEVEL

XD	
Model	PXD260
Serial Number	283837
Scale	10.0509
Offset	0.0103
Linearity	0.0441
PSI	20

Test Data			
Test Number	12 (STEP 0)	12 (STEP 1)	
Well ID	MW-3	MW-3	
Slug In/Out	IN	OUT	
XD depth	7.357 BWT	7.357	
XD install time	1410		
XD reading	0		
slug depth	10.10 BTOC	10.10	
slug install time	1420		
slug length	6'	6'	
slug diameter	1.5"	1.5"	
slug volume			
slug displacement			
reference setting	0		
reference reading	0		
start time	1420	1425	
initial displacement			
end time	1425		
final XD reading			



PEN-46-03 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-03-BI.AQT
Date: 01/13/06 Time: 14:05:36

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-03
Test Date: 12/06/05

AQUIFER DATA

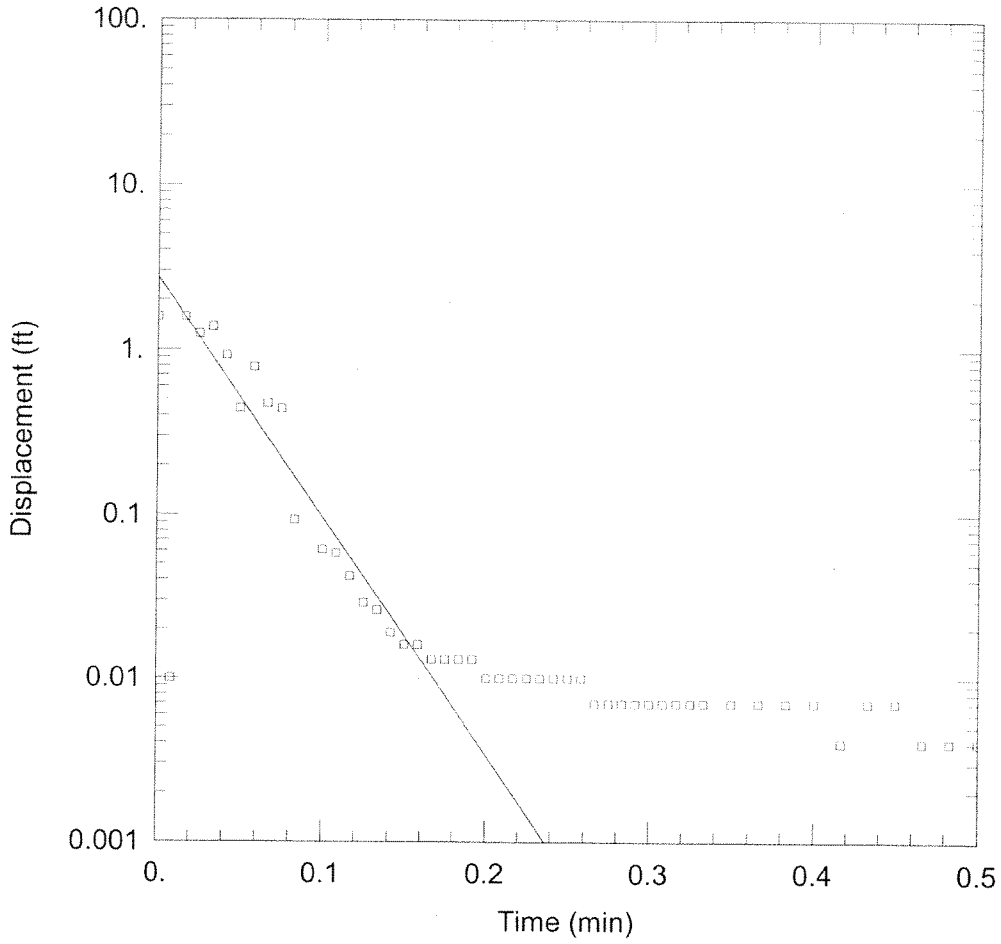
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.577 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 8.8 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1252 ft/min
y0 = 2.687 ft



PEN-46-03 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-03-HI.AQT
Date: 01/13/06 Time: 14:06:19

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-03
Test Date: 12/06/05

AQUIFER DATA

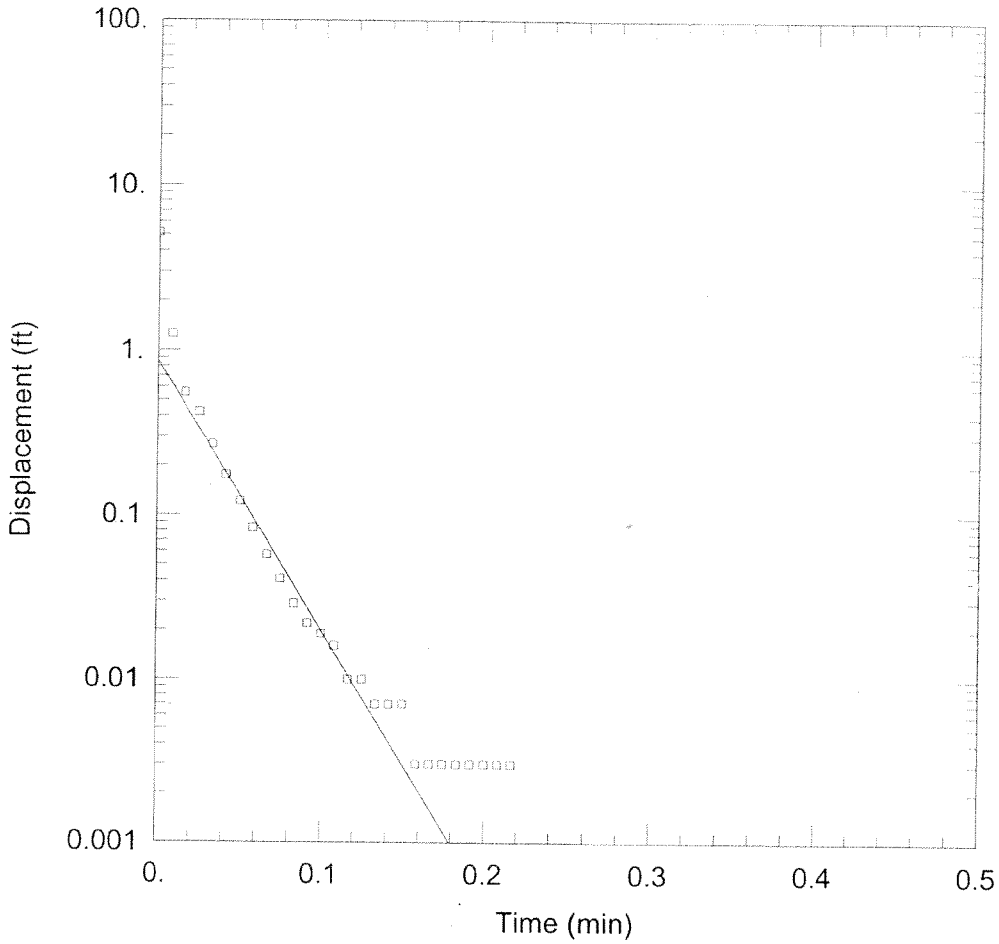
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.577 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 8.8 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.217 ft/min
y0 = 2.721 ft



PEN-46-03 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-03-H0.AQT
Date: 01/13/06 Time: 14:19:58

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-03
Test Date: 12/06/05

AQUIFER DATA

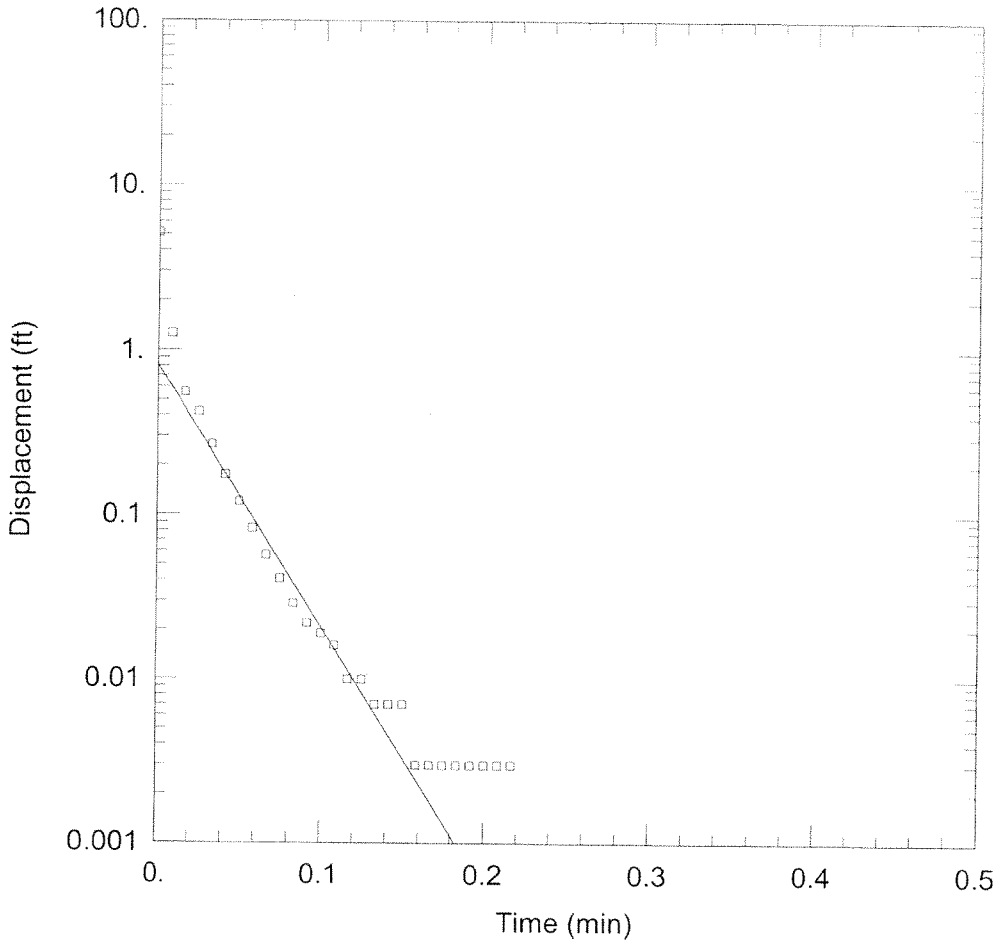
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 5.143 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 8.8 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.2447 ft/min
y0 = 0.8606 ft



PEN-46-03 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-03-B0.AQT
Date: 01/13/06 Time: 14:20:39

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-03
Test Date: 12/06/05

AQUIFER DATA

Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 5.143 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 8.8 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.1452 ft/min
y0 = 0.8102 ft

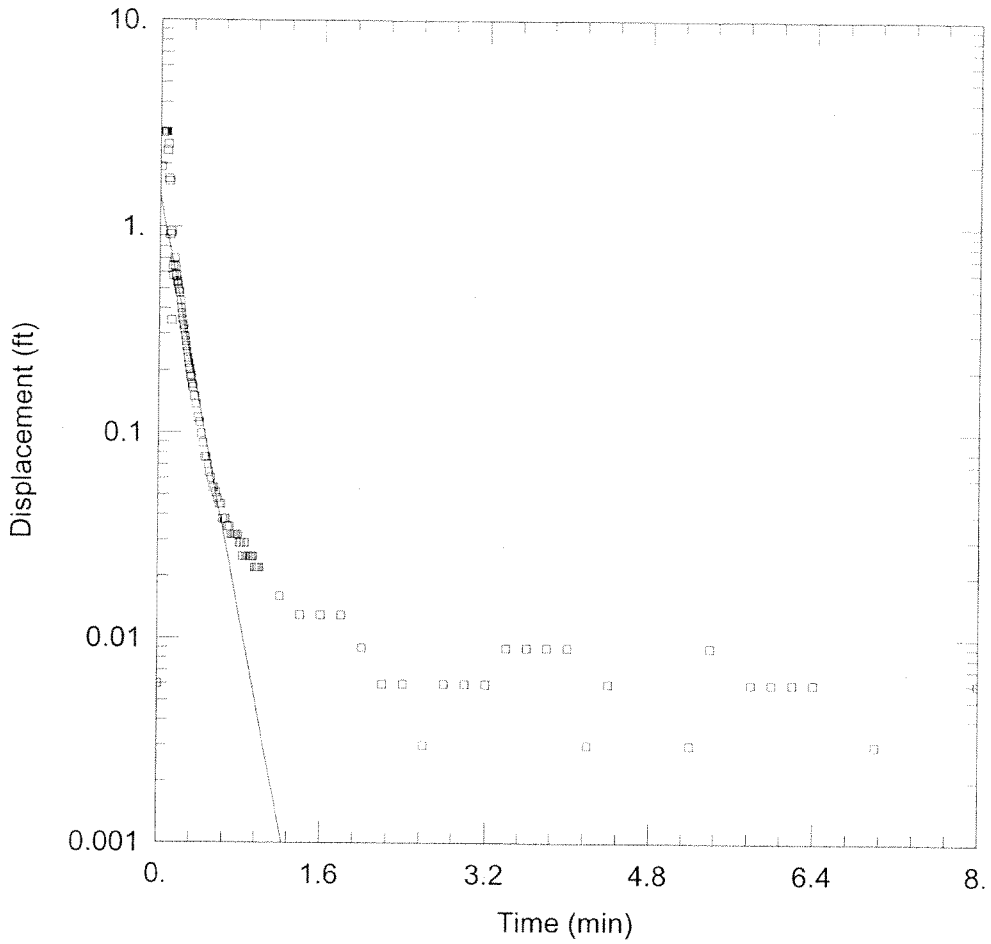
Site Information	
Site Name	NASP SITE 46
Project	PEN-RI
Project Number	
Date	N0002 7
Personnel	12/6/05
	BEC

Well Information	
Name	
Inside Diameter	PEN-46-4
Borehole Diameter	2"
Total Depth	4"
Depth to Water	49.4
Water Column	4.14
Screen length	35.26
TOC Elevation	10'

Data Logger	
Model	
Serial Number	HERMIT 2000
Test Rate	2K593
Mode (TOC/SUR)	LOG
Level/Func.	SUR
	LEVEL

XD	
Model	
Serial Number	PXD260
Scale	203537
Offset	10.0509
Linearity	0.0103
PSI	0.0441
	20

Test Data			
Test Number	11(STEP0)	11(STEP1)	
Well ID	~~PEN~~ MW-4	MW-4	
Slug In/Out	IN	OUT	
XD depth	21.84 TWT	21.84	
XD install time	1330		
XD reading	C		
slug depth	18.20 BTOC	18.20	
slug install time	1345		
slug length	6'	6'	
slug diameter	1.5"	1.5"	
slug volume			
slug displacement			
reference setting	C		
reference reading	C		
start time	1345	1354	
initial displacement			
end time	1358		
final XD reading			



PEN-46-04 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-04-BI.AQT
Date: 01/16/06 Time: 14:06:52

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

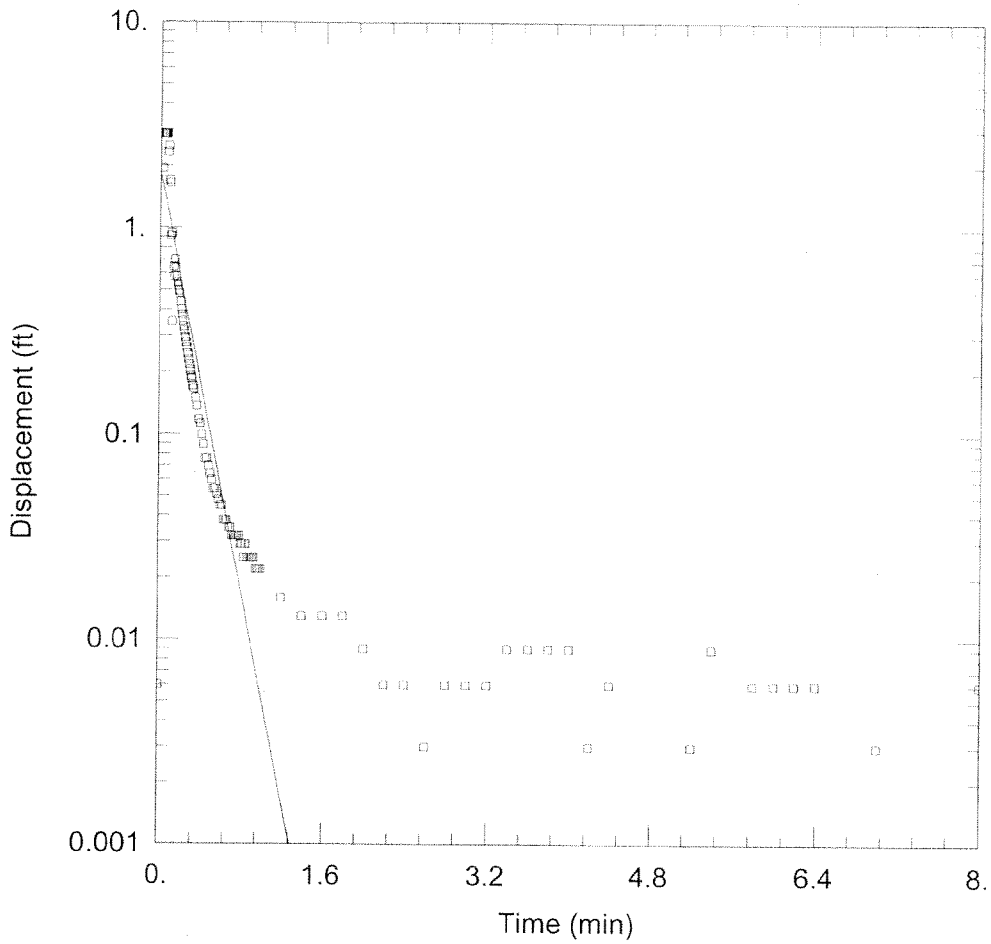
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.857 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.01278 ft/min
y0 = 1.411 ft



PEN-46-04 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-04-HI.AQT
Date: 01/16/06 Time: 14:07:13

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

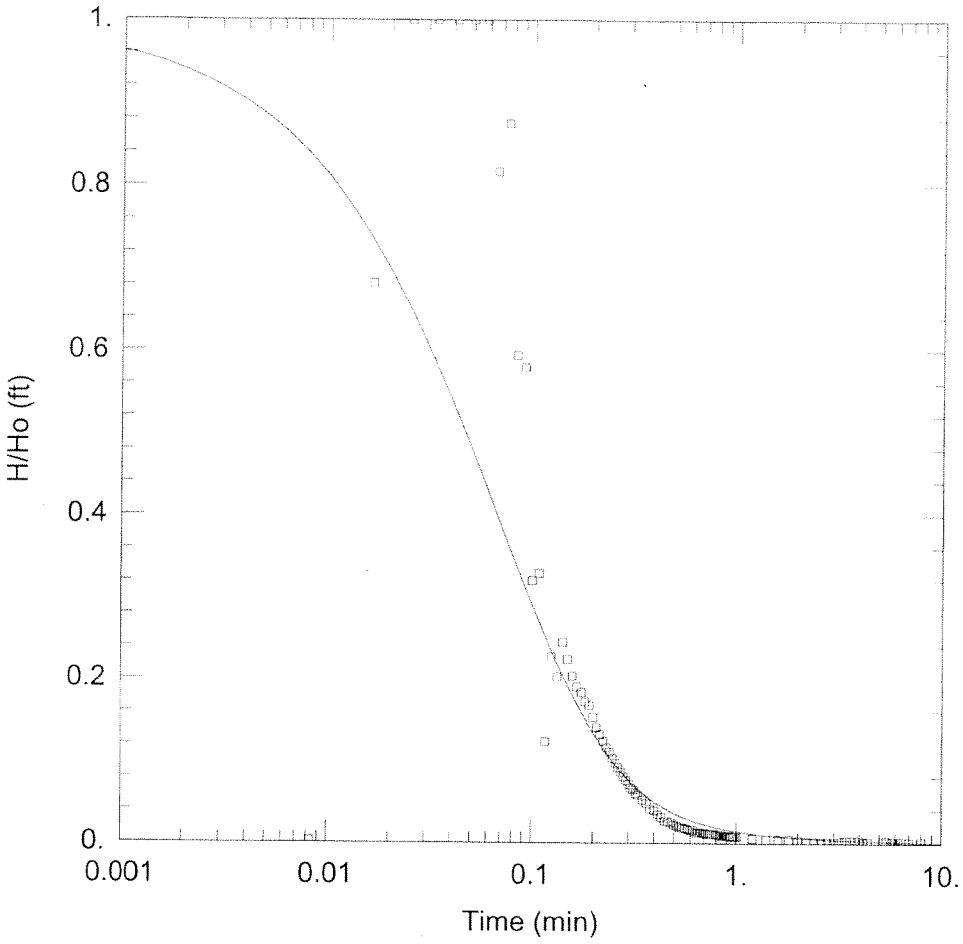
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.857 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.01561 ft/min
y0 = 1.823 ft



PEN-46-04 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-04-CI.AQT
Date: 01/16/06 Time: 14:07:29

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

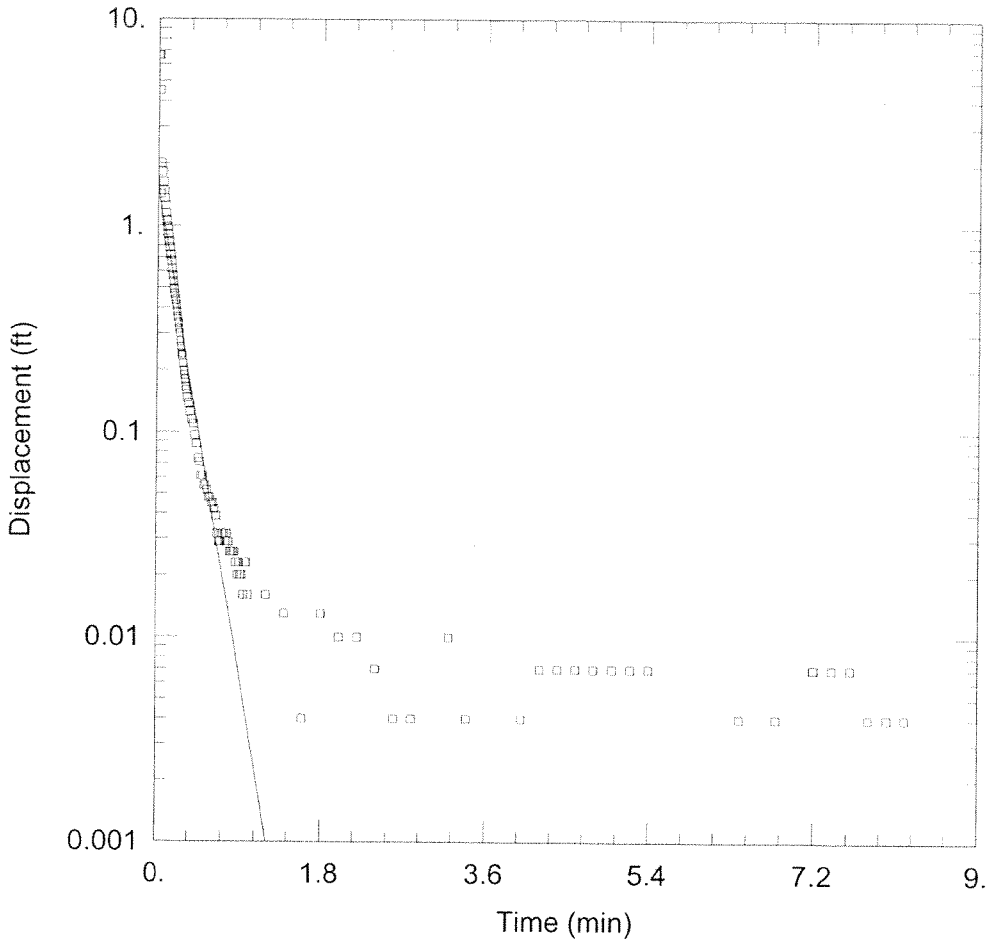
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.857 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos
$T = 0.1543\ ft^2/min$
S = 0.001



PEN-46-04 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-04-BO.AQT
Date: 01/16/06 Time: 14:07:47

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

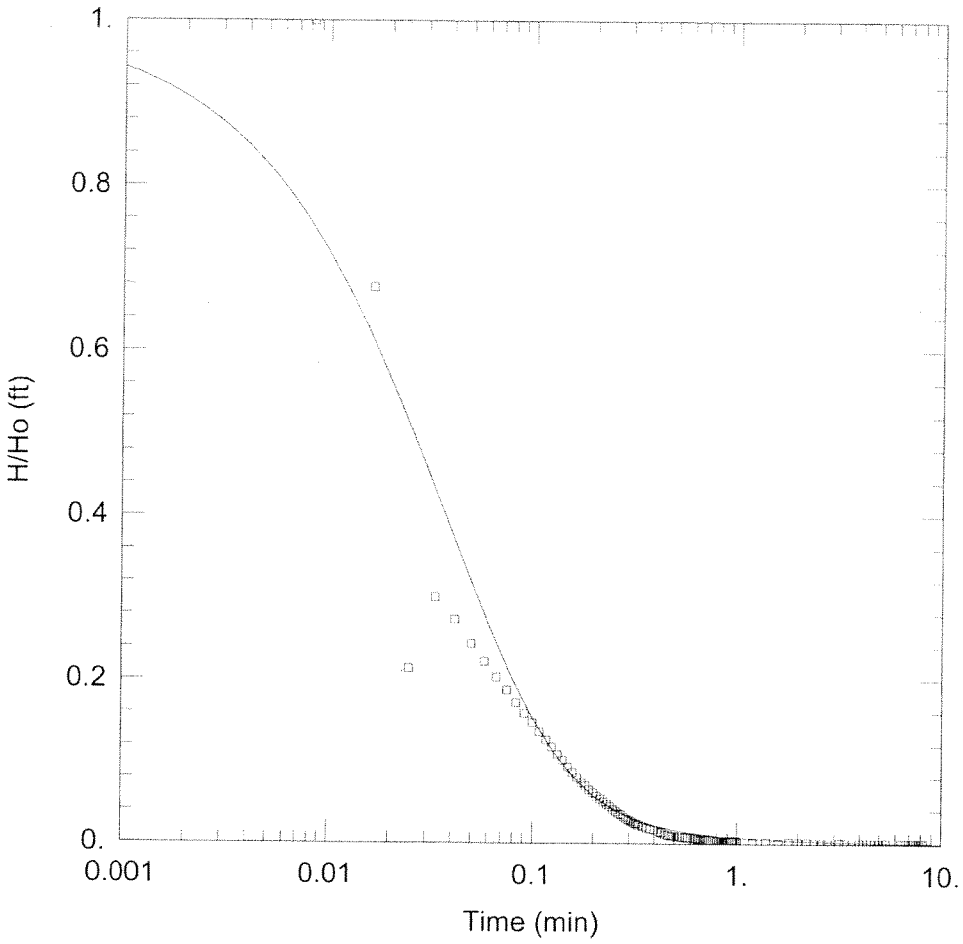
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 6.662 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.01311 ft/min
y0 = 1.523 ft



PEN-46-04 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-04-CO.AQT
Date: 01/16/06 Time: 14:08:01

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

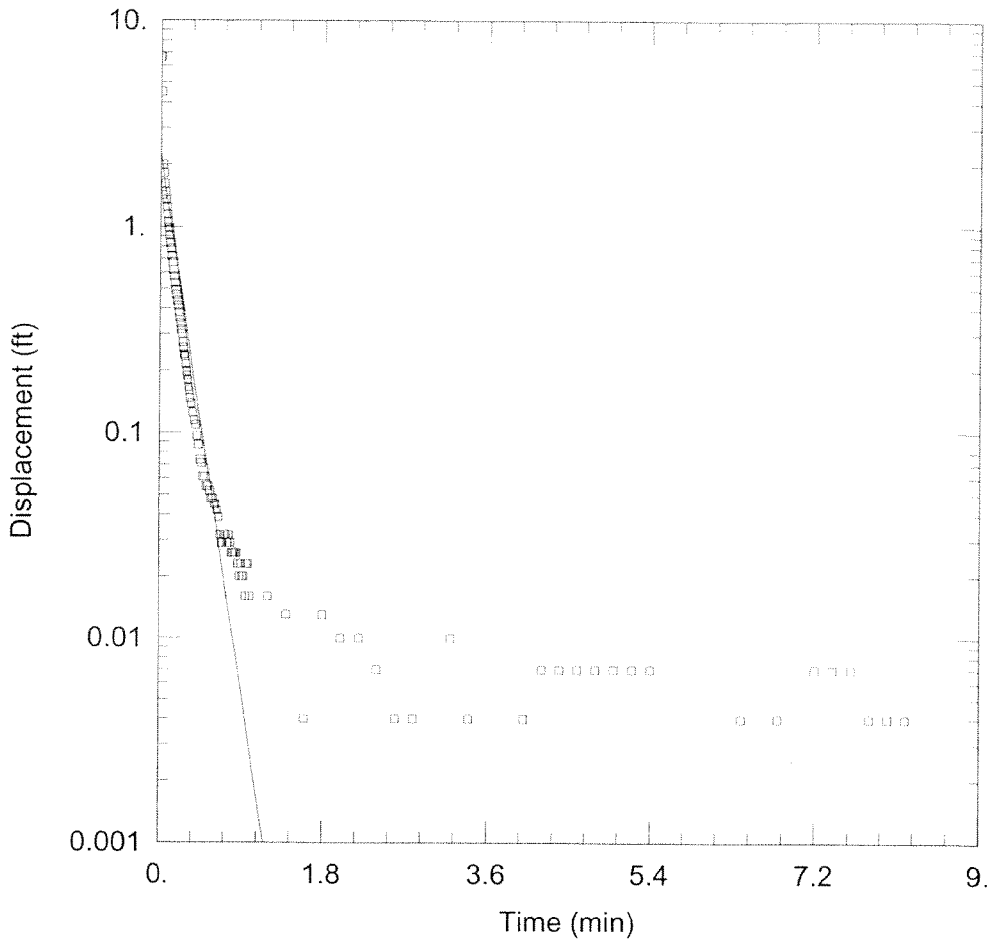
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 6.662 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos
$T = 0.277\ ft^2/min$
S = 0.001



PEN-46-04 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-04-HO.AQT
Date: 01/16/06 Time: 14:08:18

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 6.662 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.01796 ft/min
y0 = 2.273 ft

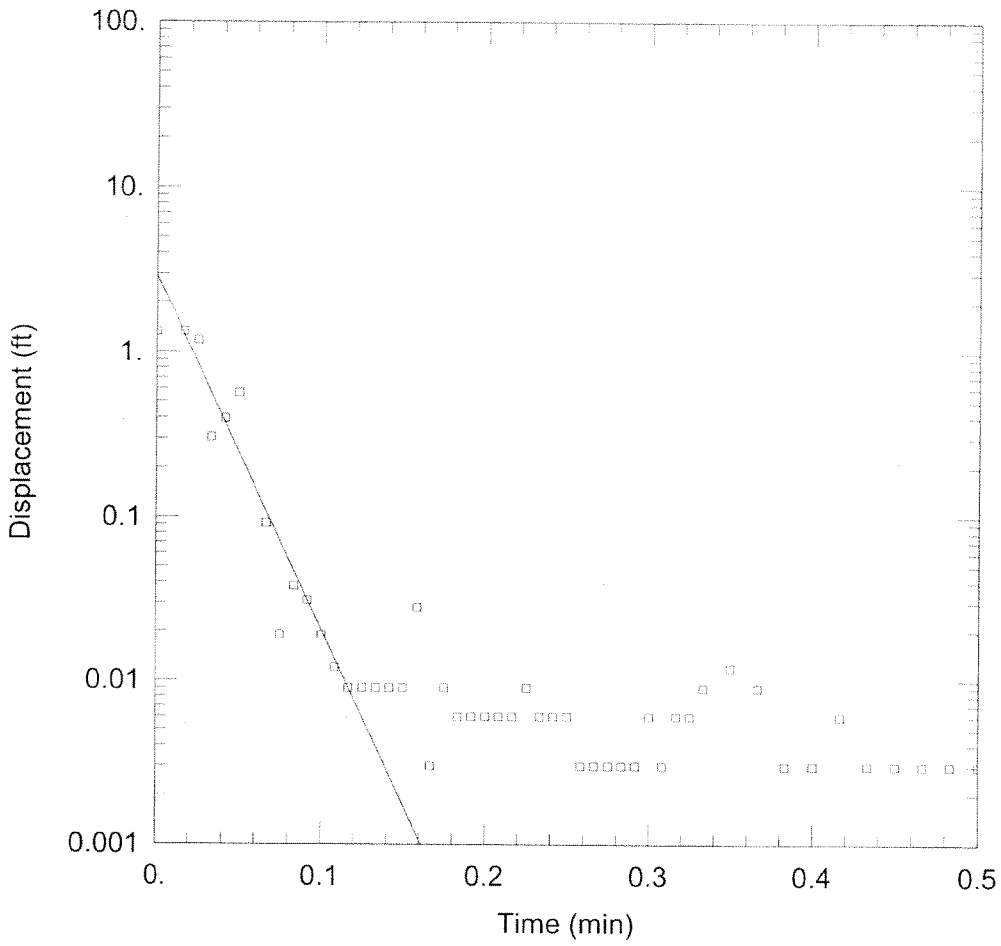
Site Information	
Site Name	Site 46
Project	PEN II
Project Number	N0000 7
Date	12/6/05
Personnel	BZC

Well Information	
Name	PEN-46-13
Inside Diameter	2"
Borehole Diameter	4"
Total Depth	13.20
Depth to Water	4.10
Water Column	9.10
Screen length	10
TOC Elevation	

Data Logger	
Model	TERMIT 7000
Serial Number	2k593
Test Rate	L06
Mode (TOC/SUR)	SUR
Level/Func.	LEVEL

XD	
Model	PXD 260
Serial Number	203837
Scale	10.05009
Offset	0.0103
Linearity	0.0441
PSI	20

Test Data			
Test Number	14 (step 0)	14 (step 1)	
Well ID	MW-13	MW-13	
Slug In/Out	IN	OUT	
XD depth	8.30 BWT	8.30	
XD install time	1520	1520	
XD reading	0		
slug depth	10.10 BTOC	10.10 BTOC	
slug install time	1525	N/A	
slug length	6'	6'	
slug diameter	1.5"	1.5"	
slug volume			
slug displacement			
reference setting	0		
reference reading	0		
start time	1525	1530	
initial displacement			
end time	1530		
final XD reading			



PEN-46-13 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-13-HI.AQT
Date: 01/13/06 Time: 12:49:45

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-13
Test Date: 12/06/05

AQUIFER DATA

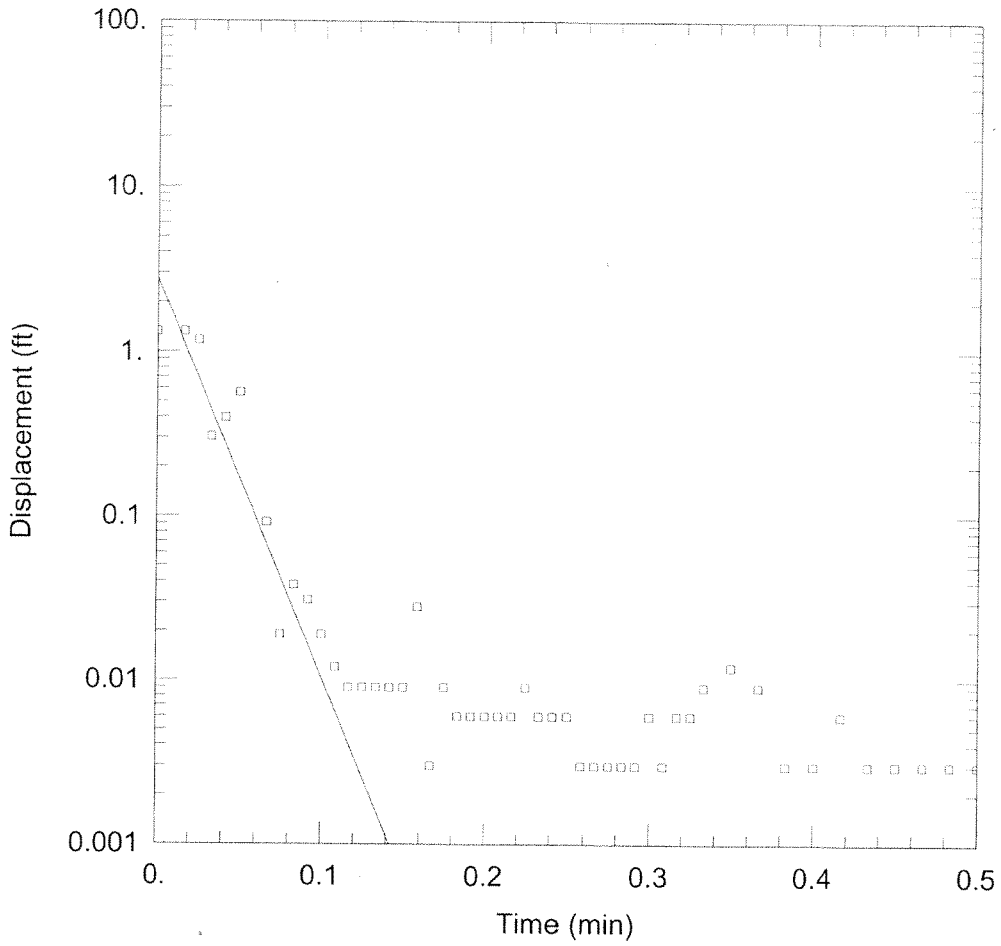
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.332 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.3209 ft/min
y0 = 2.904 ft



PEN-46-13 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-13-BI.AQT
Date: 01/13/06 Time: 12:50:15

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-13
Test Date: 12/06/05

AQUIFER DATA

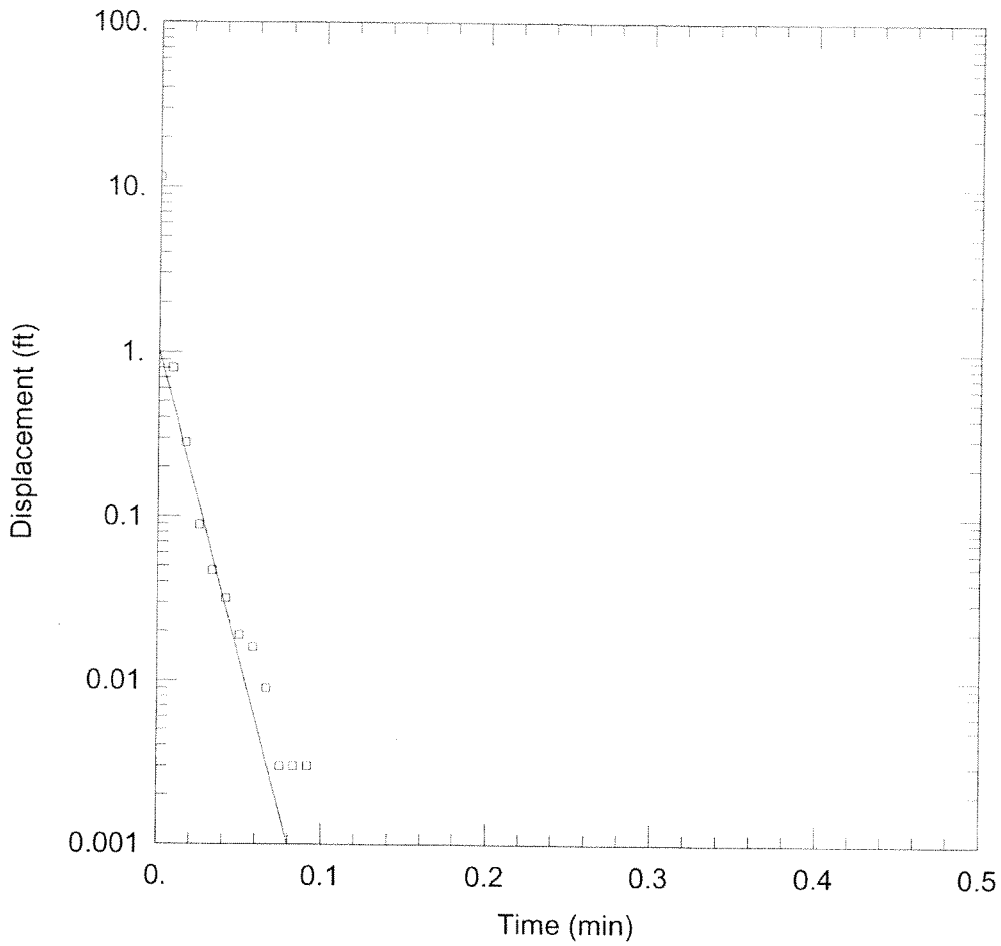
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.332 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.2229 ft/min
y0 = 2.78 ft



PEN-46-13 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-13-BO.AQT
Date: 01/13/06 Time: 14:35:54

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-13
Test Date: 12/06/05

AQUIFER DATA

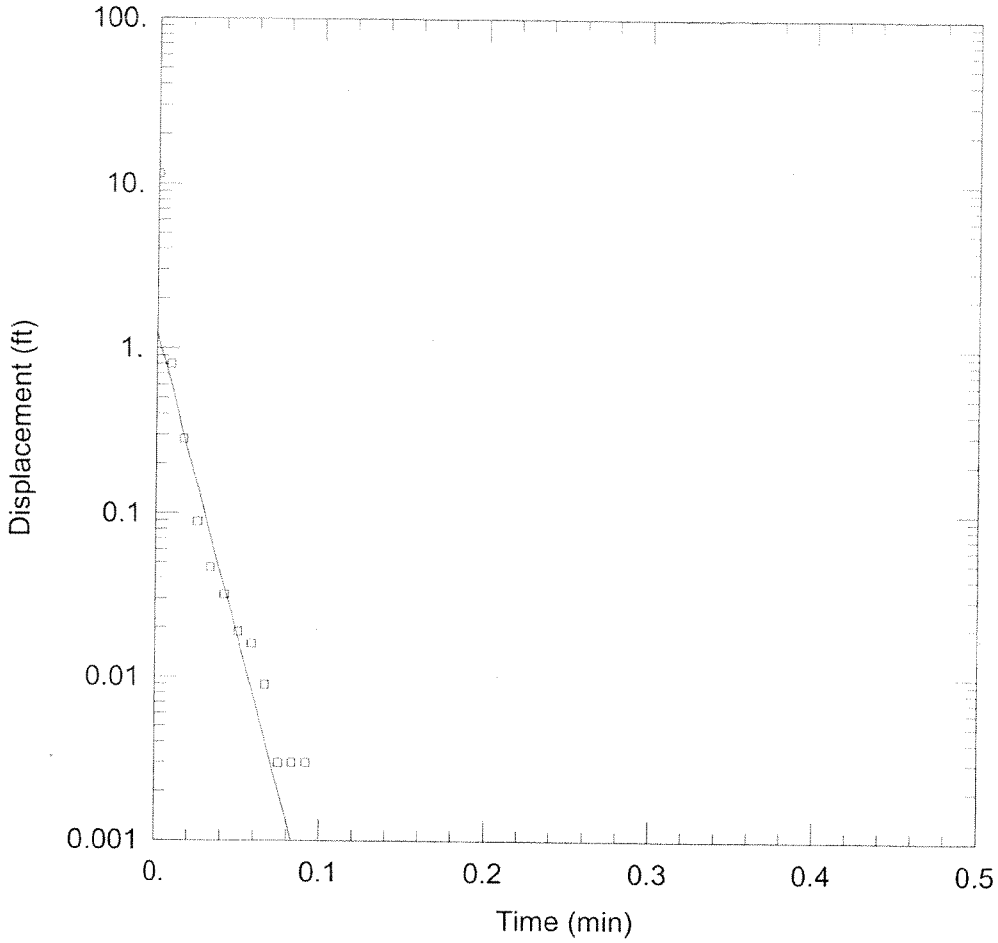
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 11.51 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.3463 ft/min
y0 = 1.033 ft



PEN-46-13 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-13-HO.AQT
Date: 01/13/06 Time: 14:36:27

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-13
Test Date: 12/06/05

AQUIFER DATA

Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 11.51 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.5546 ft/min
y0 = 1.226 ft

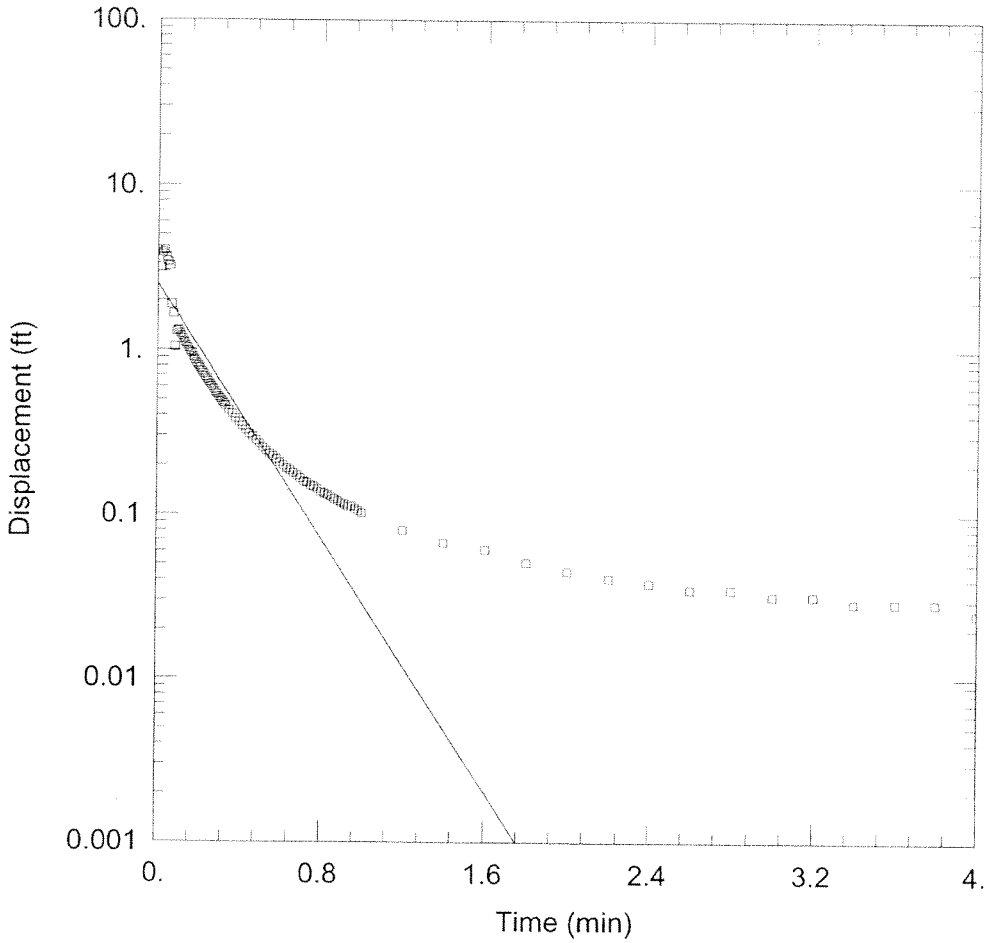
Site Information	
Site Name	Site 46 - NASP
Project	PEN RI
Project Number	N62467
Date	12/6/05
Personnel	DEC

Well Information	
Name	PEN-46-14
Inside Diameter	2"
Borehole Diameter	4"
Total Depth	46.8
Depth to Water	4.06
Water Column	42.74
Screen length	10'
TOC Elevation	

Data Logger	
Model	HERMIT 2000
Serial Number	~~203837~~ 2K593
Test Rate	LOG
Mode (TOC/SUR)	SUR
Level/Func.	LEVEL

XD	
Model	PXD 260
Serial Number	203837
Scale	16.0509
Offset	0.0193
Linearity	0.0441
PSI	20

Test Data			
Test Number	13 (STEP 0)	13 (STEP 1)	
Well ID	MW-14	MW-14	
Slug In/Out	IN	OUT	
XD depth	18.537 BWT	18.537	
XD install time	1450	NA	
XD reading	0		
slug depth	10.10 BTOC	10.10	
slug install time	14.55	NA	
slug length	6'	6'	
slug diameter	1.5"	1.5"	
slug volume			
slug displacement			
reference setting	0	0	
reference reading	0	0	
start time	1455	1510	
initial displacement			
end time	1510		
final XD reading			



PEN-46-14 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-14-BI.AQT
Date: 01/16/06 Time: 14:12:04

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-14
Test Date: 12/06/05

AQUIFER DATA

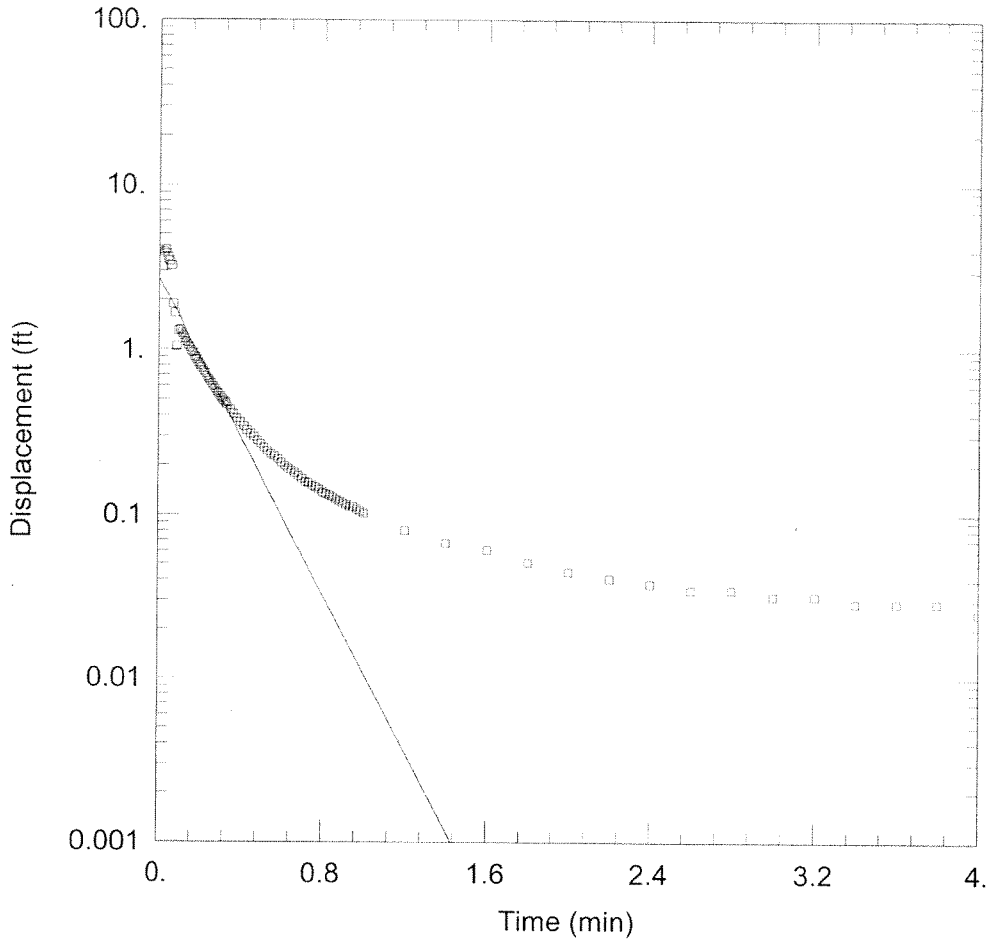
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 4.029 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 42.74 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.01013 ft/min
y0 = 2.516 ft



PEN-46-14 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-14-HI.AQT
Date: 01/16/06 Time: 14:12:27

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-14
Test Date: 12/06/05

AQUIFER DATA

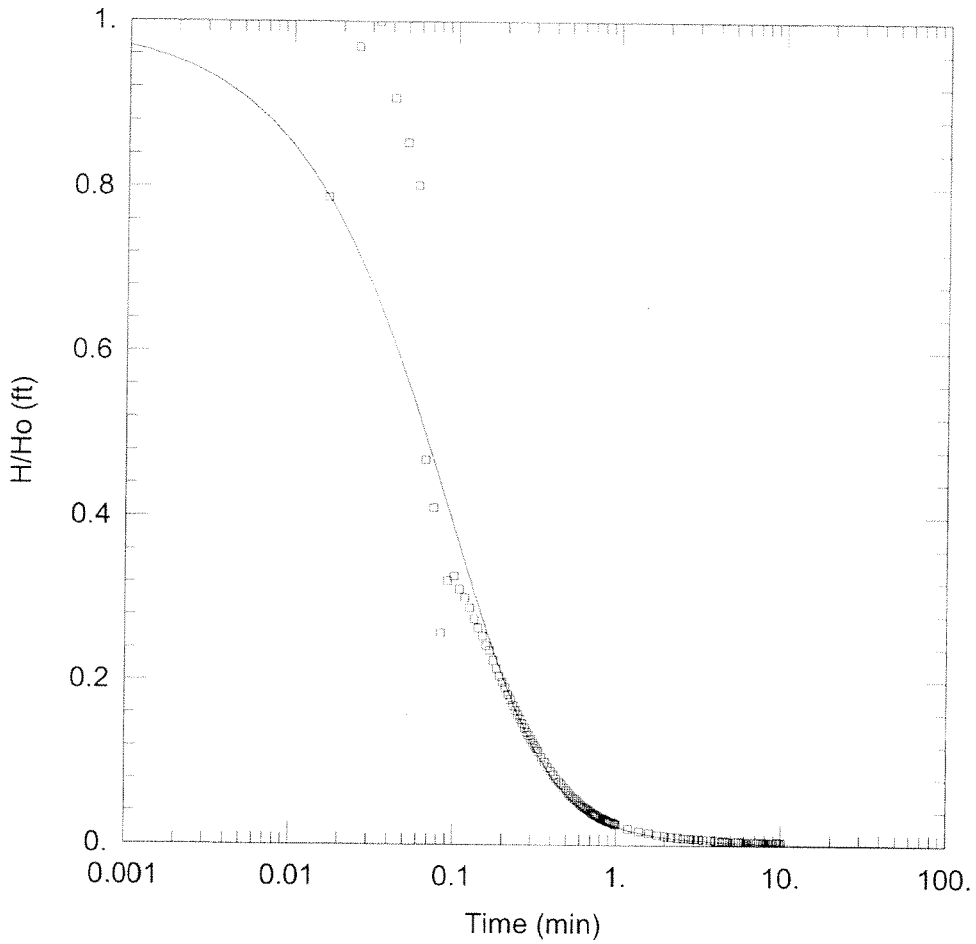
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 4.029 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 42.74 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.01485 ft/min
y0 = 2.699 ft



PEN-46-14 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-14-CI.AQT
Date: 01/16/06 Time: 14:12:42

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-14
Test Date: 12/06/05

AQUIFER DATA

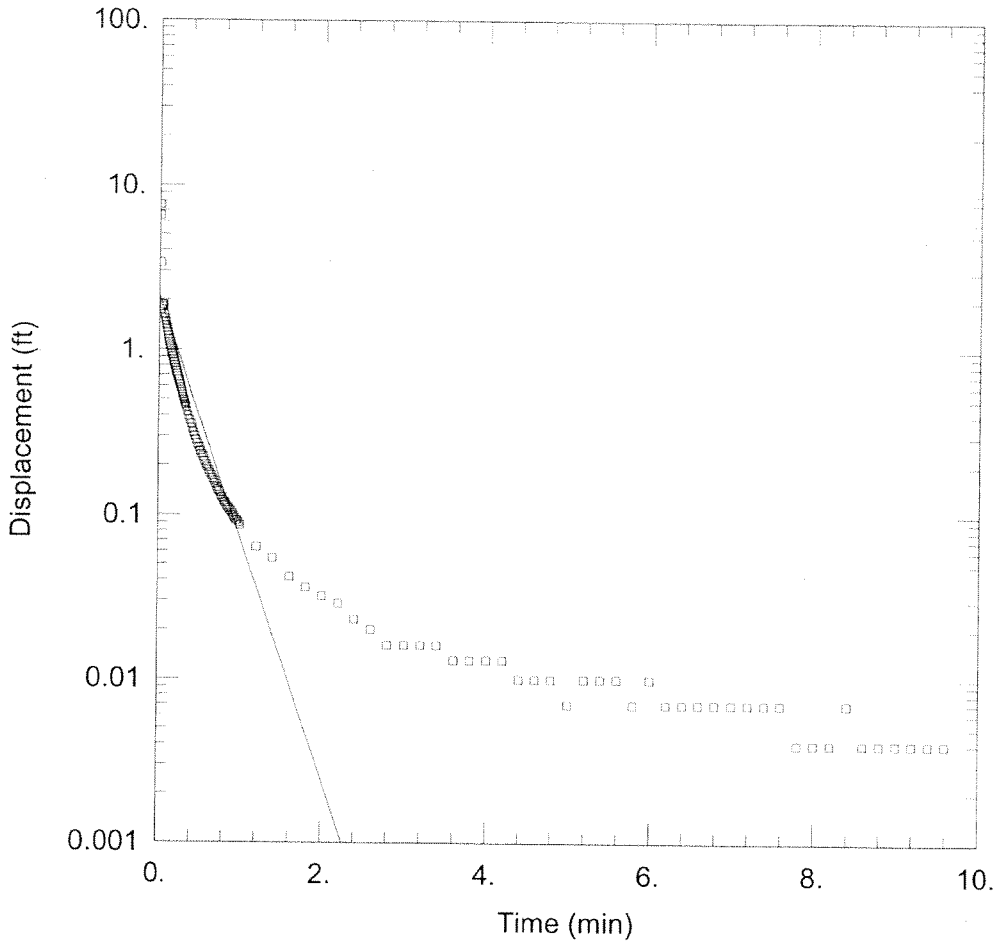
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 4.029 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 42.74 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos
$T = 0.1084\ ft^2/min$
$S = 0.001$



PEN-46-14 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-14-BO.AQT
Date: 01/16/06 Time: 14:12:57

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-14
Test Date: 12/06/05

AQUIFER DATA

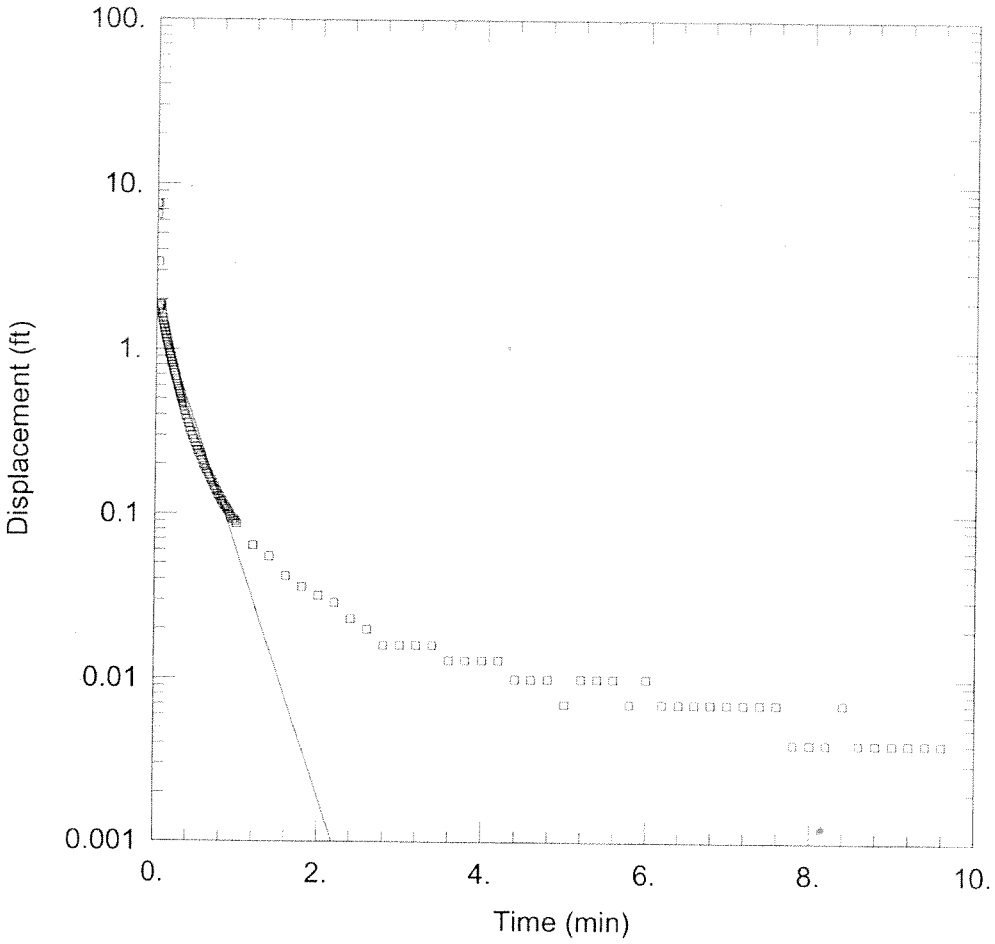
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 7.583 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 42.74 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.009092 ft/min
y0 = 2.119 ft



PEN-46-14 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-14-HO.AQT
Date: 01/16/06 Time: 14:13:11

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367-N00007
Test Location: NAS Pensacola, Site 46
Test Well: Pen-46-14
Test Date: 12/06/05

AQUIFER DATA

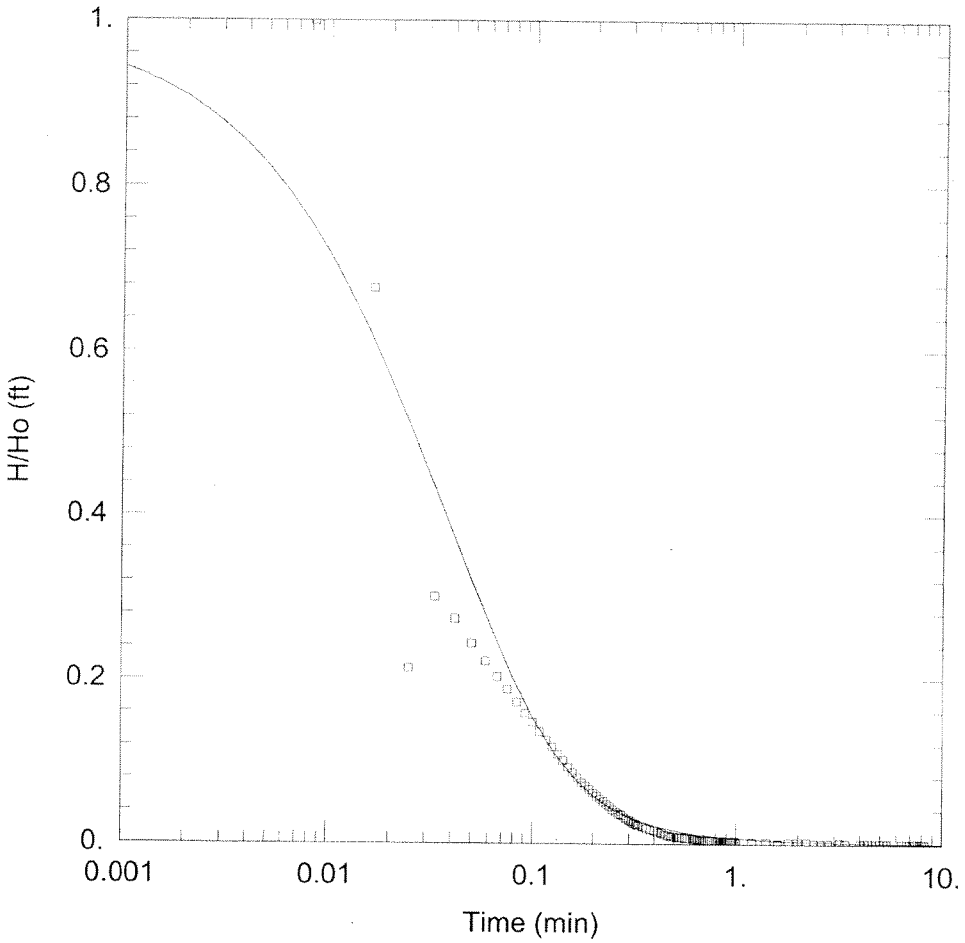
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 7.583 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 42.74 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.00926 ft/min
y0 = 1.869 ft



PEN-46-04 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-04-CO.AQT
Date: 01/16/06 Time: 14:13:23

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-04
Test Date: 12/06/05

AQUIFER DATA

Saturated Thickness: 50. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 6.662 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 35.26 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Confined
Solution Method: Cooper-Bredehoeft-Papadopulos
$T = 0.277\ ft^2/min$
S = 0.001

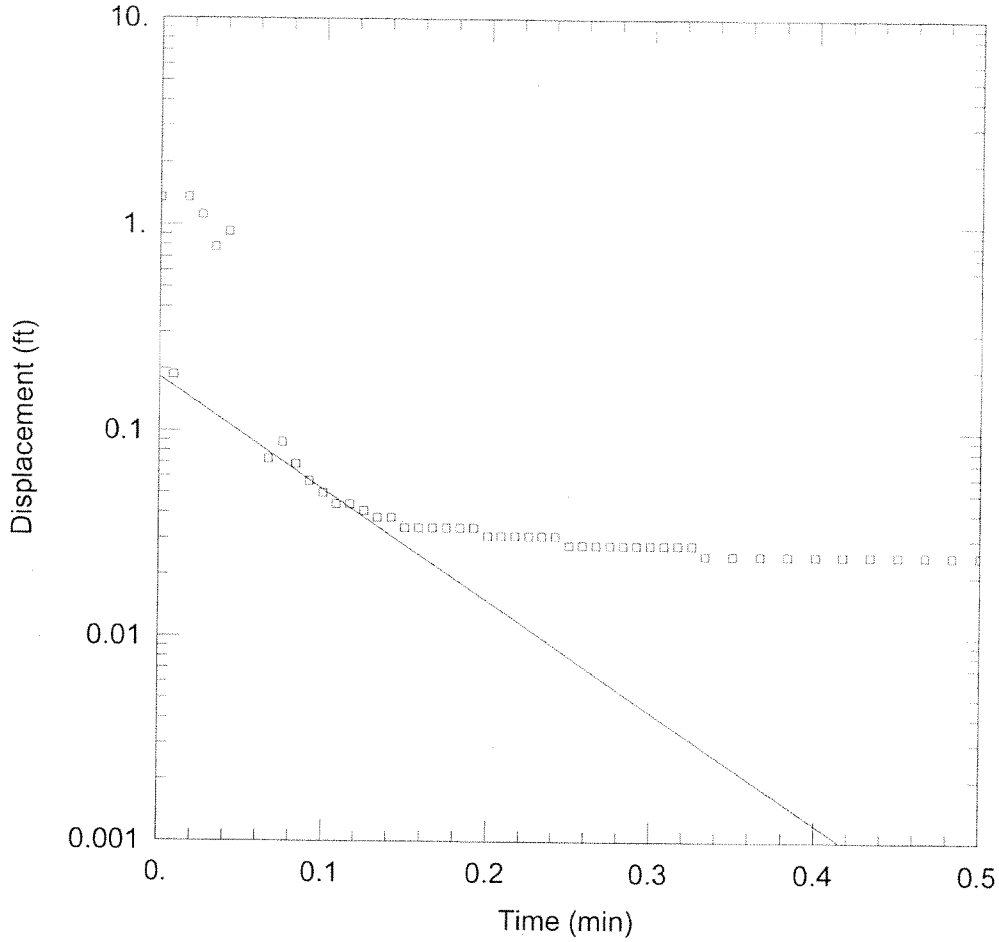
Site Information	
Site Name	NASP - Site 46
Project	~~Pen RI~~
Project Number	N:0007
Date	12/7/05
Personnel	~~BC~~

Well Information	
Name	PEN-46-19
Inside Diameter	2"
Borehole Diameter	
Total Depth	12.50
Depth to Water	3.40
Water Column	9.10
Screen length	10
TOC Elevation	

Data Logger	
Model	Hermit 2000
Serial Number	4593
Test Rate	~~Log~~
Mode (TOC/SUR)	SUR
Level/Func.	Level

XD	
Model	PXD-260
Serial Number	203557
Scale	10.0509
Offset	0.0103
Linearity	0.0441
PSI	20

Test Data			
Test Number	7 (step 0)	7 (step 1)	
Well ID	MW-19 ~~Step 0~~		
Slug In/Out	In	Out	
XD depth	8.436 BWT	0	
XD install time	1545	1545	
XD reading	0.0	~~0.0~~ 0.0 ~~0.0~~	
slug depth	9.40 BTOC	9.40	
slug install time	1600	NA	
slug length	6'	6'	
slug diameter	1.5"	1.5	
slug volume			
slug displacement			
reference setting	0	NA	
reference reading	0	NA	
start time	1600	1610	
initial displacement			
end time	1610		
final XD reading			



PEN-46-19 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-19-BI.AQT
Date: 01/16/06 Time: 14:15:33

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-19
Test Date: 12/04/05

AQUIFER DATA

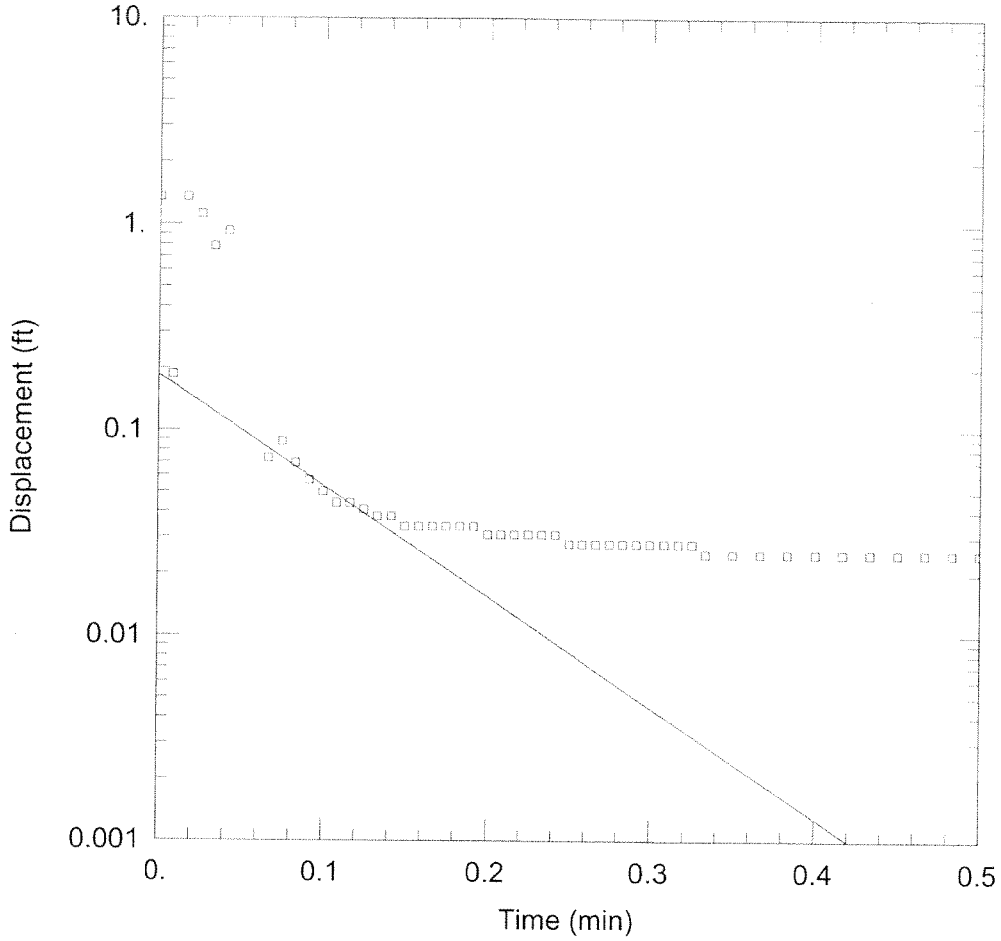
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.357 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.04998 ft/min
y0 = 0.1823 ft



PEN-46-19 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-19-HI.AQT
Date: 01/16/06 Time: 14:16:18

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-19
Test Date: 12/04/05

AQUIFER DATA

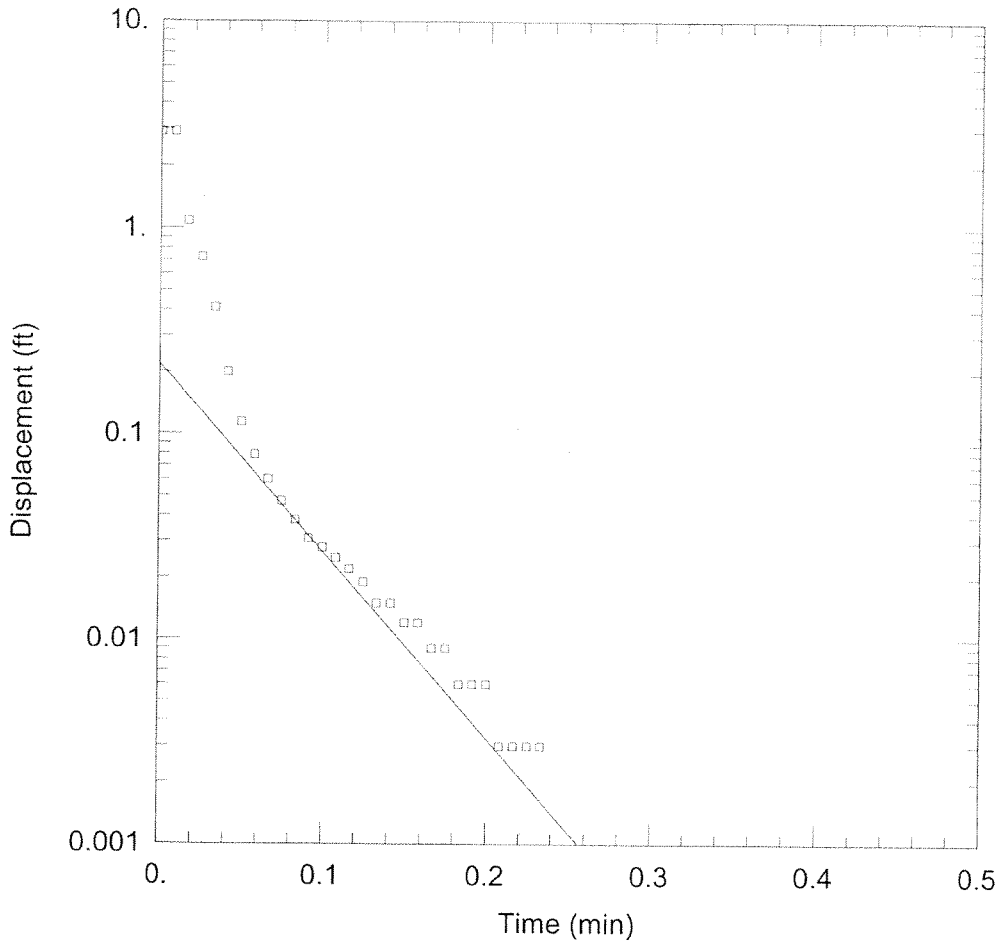
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.357 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.08063 ft/min
y0 = 0.186 ft



PEN-46-19 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-19-BO.AQT
Date: 01/16/06 Time: 14:16:39

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-19
Test Date: 12/04/05

AQUIFER DATA

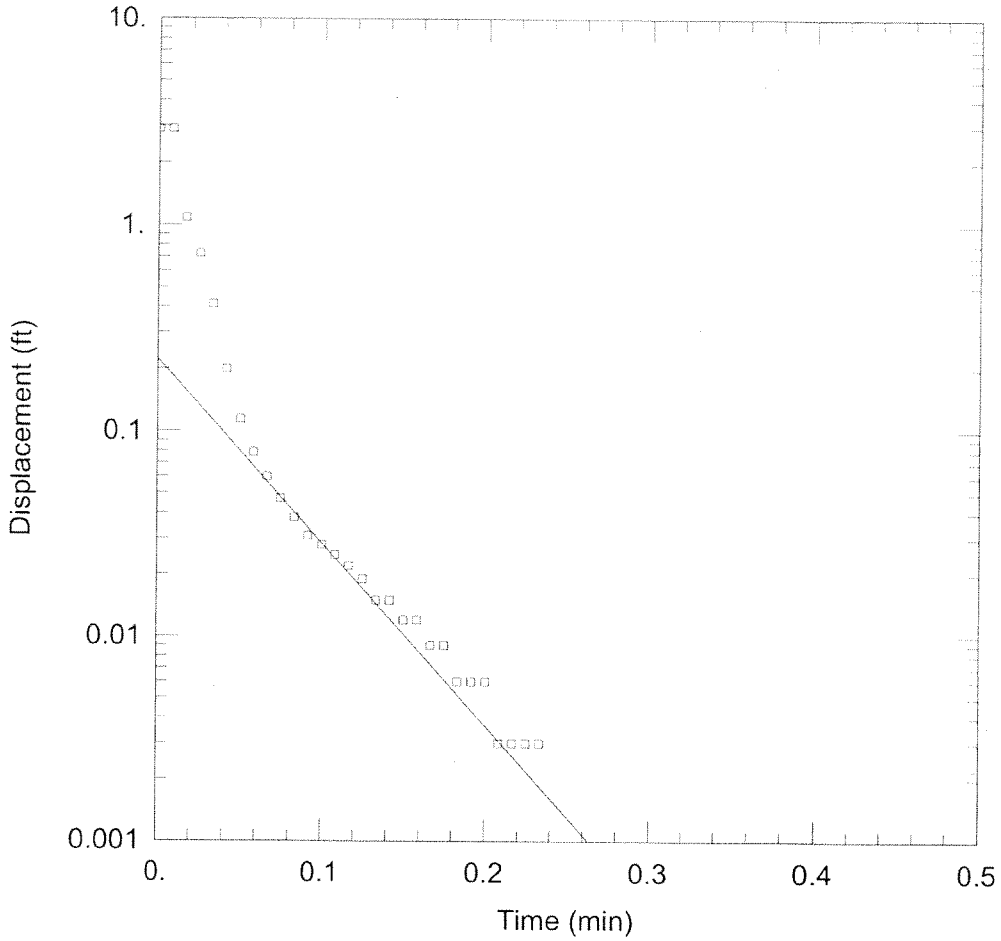
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.913 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.0838 ft/min
y0 = 0.2183 ft



PEN-46-19 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-19-HO.AQT
Date: 01/16/06 Time: 14:16:55

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-19
Test Date: 12/04/05

AQUIFER DATA

Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.913 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 9.1 ft
Wellbore Radius: 0.333 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.1332 ft/min
y0 = 0.2228 ft

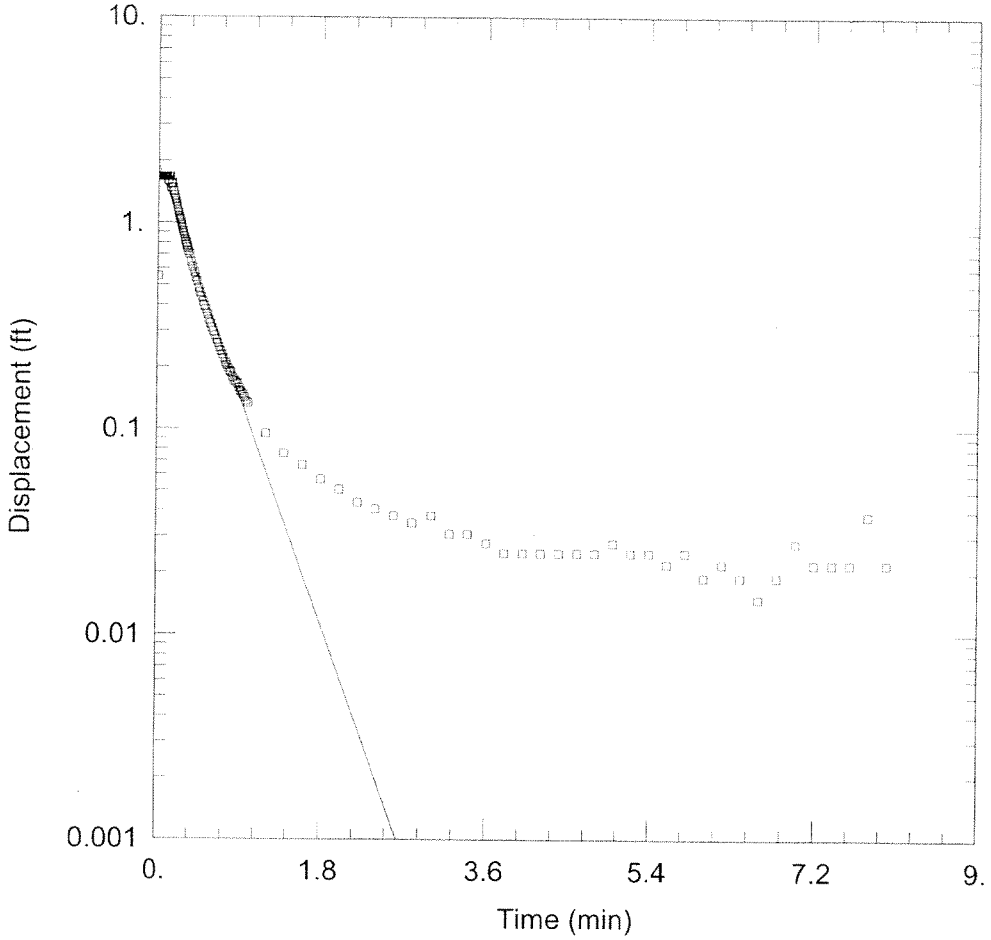
Site Information	
Site Name	NASP - Site 46
Project	PEN RI
Project Number	N00000 7
Date	12/4/05
Personnel	TSC

Well Information	
Name	PEN-46-20
Inside Diameter	2"
Borehole Diameter	4"
Total Depth	47.5
Depth to Water	3.22
Water Column	44.08
Screen length	10
TOC Elevation	

Data Logger	
Model	Hermit 4000
Serial Number	26593
Test Rate	60
Mode (TOC/SUR)	SUR
Level/Func.	LEVEL

XD	
Model	PXD-260
Serial Number	203837
Scale	10.0509
Offset	0.0103
Linearity	0.0441
PSI	20

Test Data			
Test Number	8 (Step 0)	8 (Step 1)	
Well ID	MW-20		
Slug In/Out	In	Out	
XD depth	14.5 BWT	14.5	
XD install time	1620	NA	
XD reading	0		
slug depth	9.30 BTOC	9.30	
slug install time	1620	1635	
slug length	6'	6'	
slug diameter	1.5"	1.5"	
slug volume			
slug displacement			
reference setting	0		
reference reading	0		
start time	1620	NA	
initial displacement			
end time	1635		
final XD reading			



PEN-46-20 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-20-BI.AQT
Date: 01/16/06 Time: 14:17:52

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-20
Test Date: 12/04/05

AQUIFER DATA

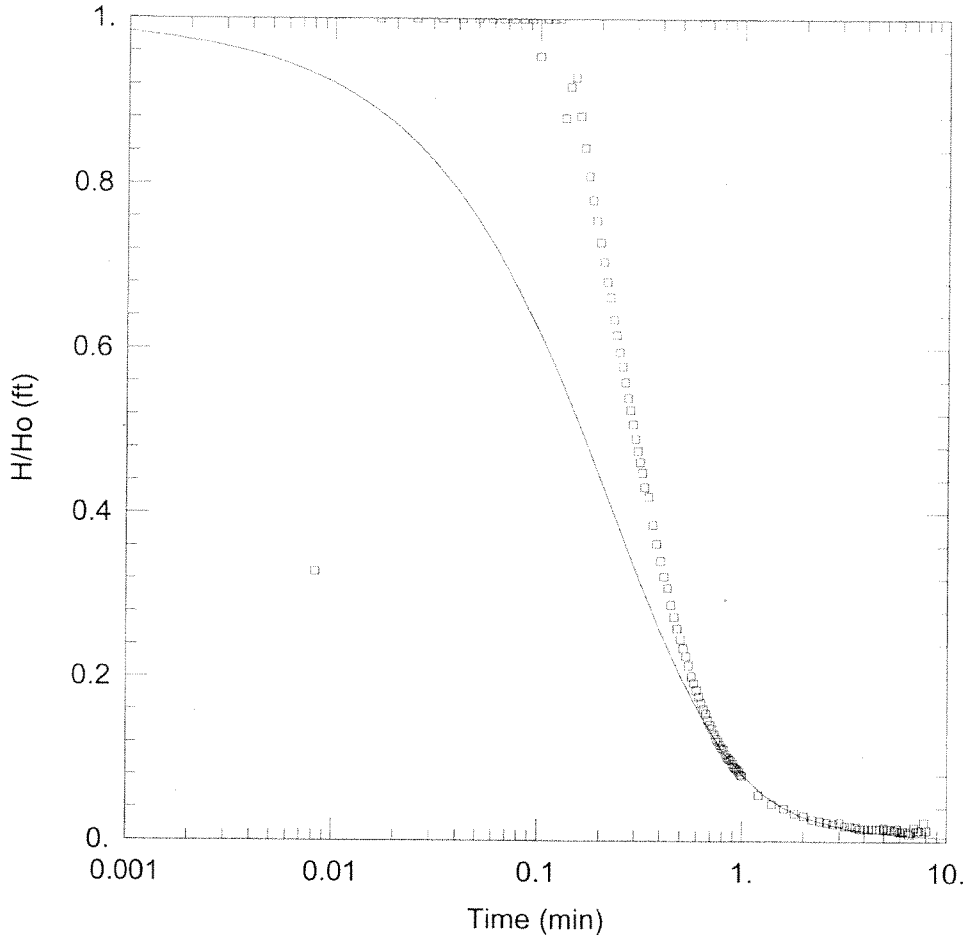
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.678 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 44.08 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.006542 ft/min
y0 = 1.889 ft



PEN-46-20 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-20-CI.AQT
Date: 01/16/06 Time: 14:18:31

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-20
Test Date: 12/04/05

AQUIFER DATA

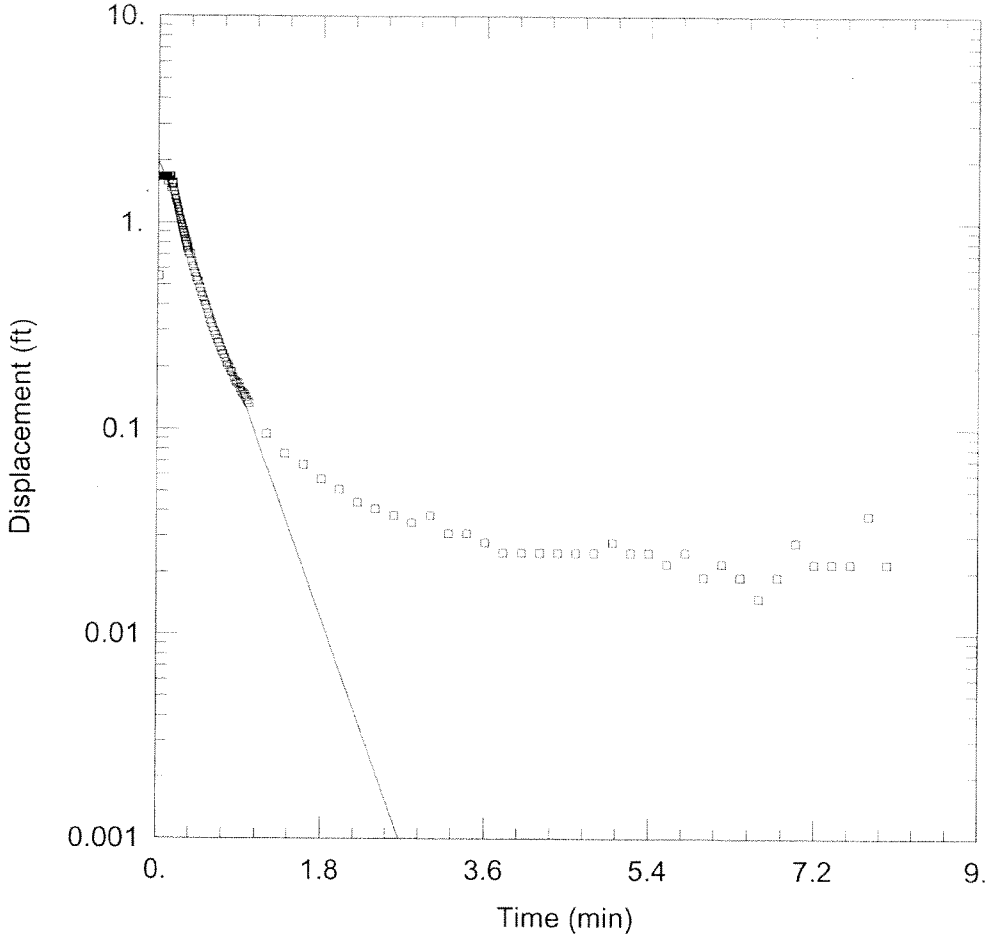
Saturated Thickness: 50. ft Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.678 ft Water Column Height: 44.08 ft
Casing Radius: 0.0833 ft Wellbore Radius: 0.166 ft
Screen Length: 10. ft Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Confined $T = 0.04404\ ft^2/min$
Solution Method: Cooper-Bredehoeft-Papadopulos $S = 0.001$



PEN-46-20 SLUG IN

Data Set: E:\PENHYD~1\SITE46~1\46-20-HI.AQT
Date: 01/16/06 Time: 14:19:07

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-20
Test Date: 12/04/05

AQUIFER DATA

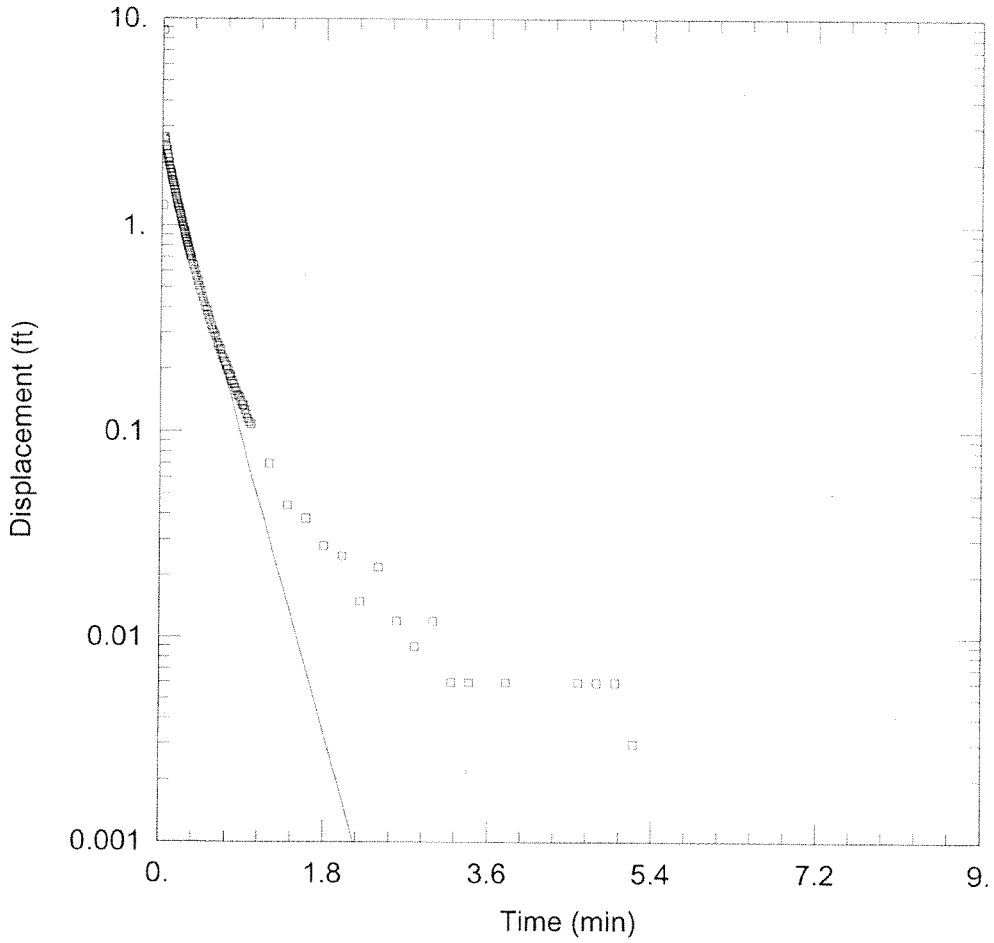
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 1.678 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 44.08 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.007656 ft/min
y0 = 1.998 ft



PEN-46-20 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-20-BO.AQT
Date: 01/16/06 Time: 14:18:48

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-20
Test Date: 12/04/05

AQUIFER DATA

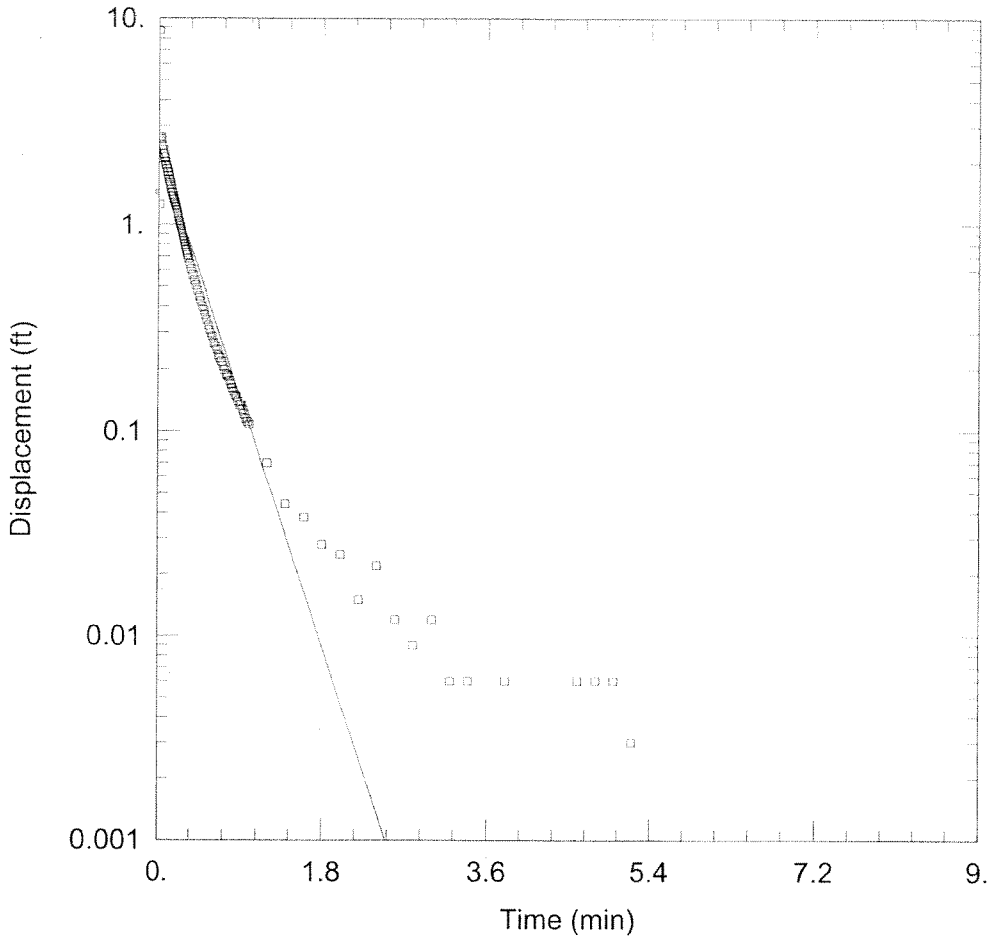
Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.663 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 44.08 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice
K = 0.008381 ft/min
y0 = 2.413 ft



PEN-46-20 SLUG OUT

Data Set: E:\PENHYD~1\SITE46~1\46-20-HO.AQT
Date: 01/16/06 Time: 14:19:19

PROJECT INFORMATION

Company: TtNUS, Inc.
Client: EFD South, USN
Project: CTO 0367 - N00007
Test Location: NAS Pensacola Site 46
Test Well: Pen-46-20
Test Date: 12/04/05

AQUIFER DATA

Saturated Thickness: 50. ft
Anisotropy Ratio (Kz/Kr): 1.

WELL DATA

Initial Displacement: 2.663 ft
Casing Radius: 0.0833 ft
Screen Length: 10. ft
Water Column Height: 44.08 ft
Wellbore Radius: 0.166 ft
Gravel Pack Porosity: 0.3

SOLUTION

Aquifer Model: Unconfined
Solution Method: Hvorslev
K = 0.008381 ft/min
y0 = 2.413 ft

APPENDIX D

DATA VALIDATION REPORTS

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **FEBRUARY 21, 2006**

FROM: **KELLY CARPER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOC/SVOC/PAH/PEST/PCB/EDB/TPH**
CTO 367, NAS PENSACOLA
SDG CTO367-4

SAMPLES: 20/Aqueous

3221GW0101	3221GW0201	3221GW0301	44RB1214
46GW0101	46GW0201	46GW0301	46GW0701
46GW0801	46GW0901	46GW1001	46GW1101
46GW1201	46GW1301	46GW1401	46GW1401D
46GW1501	46GW1601	46RB1217	46TB1217

OVERVIEW

The sample set for CTO 367 NAS Pensacola, SDG CTO367-4 consists of two (2) rinse blanks, one (1) trip blank, and seventeen (17) environmental water samples. All samples were analyzed for Target Compound List (TCL) volatile (VOC), semivolatile (SVOC), pesticide (PEST), and polychlorinated biphenyl (PCB) organic compounds; polynuclear aromatic hydrocarbons (PAHs); 1,2-Dibromoethane (EDB), and Total Petroleum Hydrocarbons (TPH). One (1) field duplicate pair was included with this SDG: 46GW1401 / 46GW1401D.

The samples were collected by TetraTech NUS on December 14, 16, 17, 18, and 20, 2005 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with SW-846 Methods 8260B, 8270C, 8081A, 8082, 8270C SIM, EPA 504.1, and FL-PRO analysis and reporting protocols.

The data contained in this SDG were validated with regard to the following parameters:

*	• Data completeness
	• Holding times
*	• GC/MS Tuning
	• Initial and continuing calibration
	• Blank results
	• Surrogate spike recoveries
*	• Internal standard recoveries
	• Blank Spike/Blank Spike Duplicate Results
*	• Field Duplicate Results
*	• Detection Limits
*	• Compound Quantitation
*	• Compound Identification

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Volatiles

Chloromethane and toluene were detected in the rinsate blank but environmental samples were not qualified based on rinsate blank contamination.

All initial calibration and continuing calibration relative response factors (RRFs) were less than the 0.05 quality control limit for acetone and 2-butanone on instruments GCMS-S, GCMS-F, and GCMS-M. Positive acetone results were qualified as estimated (J). The nondetected acetone and 2-butanone results were considered unusable and were qualified rejected, (UR). All samples in the SDG are affected.

The continuing calibration run on 12/28/05 at 08:35 on instrument GCMS-S yielded a Percent Difference (%D) for chloromethane that were greater than the 25% quality control limit. The nondetected results reported for this compound were qualified as estimated (UJ) in samples 46TB1217, 46GW1101, 46GW0901, and 46GW1301. The positive result reported for chloromethane in sample 46RB1217 was qualified as estimated (J).

The continuing calibration run on 12/29/05 at 09:07 on instrument GCMS-S yielded a Percent Difference (%D) for chloromethane that were greater than the 25% quality control limit. The positive and nondetected results reported for this compound were qualified as estimated (J) and (UJ), respectively, in samples 46GW0701, 46GW0301, 46GW0801, 46GW1201(DL2), 46GW1001(DL2), and 46GW0301MS/MSD.

Surrogate percent recoveries (%Rs) for 1,2-dichloroethane-d4 were high in samples 44RB1214, 3221GW0301, 3221GW0101, 46GW0101, and 46GW0201. Only positive results are affected by this noncompliance. The positive results for compounds reported in these samples were qualified as estimated (J).

The Matrix Spike/Matrix Spike Duplicate (MS/MSD) analysis of sample 46GW0301 yielded high %Rs for 1,1,1-trichloroethane, bromodichloromethane, tetrachloroethane, and styrene. Additionally the Relative Percent Difference (RPD) for bromomethane was high. The positive result reported for bromodichloromethane in the unspiked sample was qualified as estimated (J). No action was necessary for the remaining compounds since only nondetected results were reported for these compounds.

The Laboratory Control Sample (LCS) associated with batch WG24245 had a Percent Recovery (%R) for 2-butanone that was greater than the upper quality control limit. No action was taken based on this noncompliances because results for 2-butanone in samples 46GW0101 and 46GW0201 were nondetected.

The LCS associated with batch WG24249 had %Rs for 1,2-dichloroethane and bromodichloromethane that were greater than the respective upper quality control limits. No actions were taken based on these noncompliances because all results for the aforementioned compounds were nondetected in the associated samples 46GW1401, 46GW1401D, and 46GW1501.

The LCS associated with batch WG24290 had %Rs for bromodichloromethane and styrene that were greater than the respective upper quality control limits. No actions were taken based on these noncompliances because all results for the aforementioned compounds were nondetected in the associated sample 46GW1601.

Samples 46GW1001(DL2), 46GW1201(DL2), and 46GW1601(DL2) were analyzed at a 2-fold dilution due to sample history, no undiluted analyses were performed. Hence these samples has slightly elevated reporting limits.

Semivolatiles

The initial calibration run on 1/10/06 had Percent Relative Standard Deviation (%RSD) that was in excess of the 30% quality control limit for hexachlorocyclopentadiene on instrument GCMS-K. The nondetected results reported for this compound in all samples in this SDG were qualified as estimated (UJ).

The continuing calibration run on 1/12/06 at 13:17 and 1/14/06 at 10:17 on instrument GCMS-K yielded %Ds for hexachlorocyclopentadiene, di-n-octylphthalate, and bis(2-chloroethyl)ether that were greater than the 25% quality control limit. Only quality control samples were run under these calibrations and quality control samples are not qualified for validation noncompliances.

All continuing calibration %Ds for hexachlorocyclopentadiene were greater than the 25% quality control limit. Only nondetects were reported for this compound in all samples in this SDG and these nondetects were qualified as estimated (UJ).

Additionally the continuing calibration run on 1/16/06 at 09:20 on instrument GCMS-K yielded a %D for di-n-octylphthalate that was greater than the 25% quality control limit. Only nondetects were reported for this compound in the affected samples 46GW1201, 46GW0901, 46GW1001, 46RB1217, 46GW1301, 46GW1401, 46GW1601, and 46GW0101 and these nondetects were qualified as estimated (UJ).

The MS/MSD analysis of sample 46GW0301 yielded low %Rs for 2,4-dimethylphenol, hexachlorocyclopentadiene, and 3,3'-dichlorobenzidine. The nondetected results reported for these compounds in the unspiked sample were qualified as estimated (UJ).

The LCS/LCSD associated with batch WG23949 had low %Rs for 3,3'-dichlorobenzidine. No actions were taken as a result of this noncompliance. This LCS was associated with samples 3221GW0201, 44RB1214, and 3221GW0301.

The LCS/LCSD associated with batch WG24038 had low %Rs for 2-nitroaniline, 2,4-dinitrophenol, and 3,3'-dichlorobenzidine. No actions were taken as a result of these noncompliances. This LCS/LCSD was associated with sample 3221GW0101.

PAHs

Naphthalene was detected in the rinsate blank. However environmental samples were not qualified based on rinsate blank contamination.

The continuing calibration run on instrument GCMS-U on 1/06/06 at 15:36 had a %D for benzo(b)fluoranthene that was in excess of the 25% quality control limit. However, the affected samples were all quality control samples (WG23950-Blank and WG23950-LCS) which are not qualified for noncompliances.

The continuing calibration run on instrument GCMS-U on 1/07/06 at 09:16 had %Ds for indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i)perylene that were in excess of the 25% quality control limit. However, the affected samples were all quality control samples (WG24039-Blank and WG24039-LCS) which are not qualified for noncompliances.

The continuing calibration run on instrument GCMS-U on 1/08/06 at 14:31 had %Ds for indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, benzo(a)anthracene, and benzo(bi)fluoranthene that were in excess of the 25% quality control limit. However, the affected samples were all quality control samples (WG24116-Blank, WG24116-LCS, 46GW0301MS) which are not qualified for noncompliances.

The continuing calibration run on 1/09/06 at 09:53 on instrument GCMS-U yielded %Ds for benzo(a)anthracene, benzo(b)fluoranthene, indeno(1,2,3-cd)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene that were greater than the 25% quality control limit. Samples 3221GW0201, 44RB1214, 3221GW0301, 46GW1101, 46GW1201, 46GW1001, 46RB1217, and 46GW0901 are affected by these noncompliances. Only nondetected results were reported for these compounds in these samples and these were qualified as estimated (UJ).

The continuing calibration run on 1/10/06 at 13:09 on instrument GCMS-U yielded %Ds for benzo(a)anthracene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene that were greater than the 25% quality control limit. Samples 46GW1301, 46GW1401, 46GW1401D, 46GW1501, 46GW0101, 46GW0201, 46GW0801, 46GW0701, and 46GW0301 are affected by these noncompliances. Only nondetected results were reported for these compounds in these samples and these were qualified as estimated (UJ).

The MS/MSD analysis of sample 46GW0301 yielded low %Rs for benzo(b)fluoranthene and benzo(g,h,i)perylene. The nondetected results reported for these compounds in the unspiked sample were qualified as estimated (UJ). Additionally, the %Rs for dibenz(a,h)anthracene and indeno(1,2,3-cd)pyrene were less than 10%. Only nondetected results were reported for these compounds in these samples and these were rejected, qualified (UR).

Pesticide

The continuing calibration %Ds for gamma-BHC, heptachlor, and beta-BHC run on instrument gc08 column RTX-CLP1 on 1/10/06 at 11:15 were greater than 15%. No actions were necessary because no environmental samples were run under this calibration.

The continuing calibration %Ds for gamma-BHC, heptachlor, beta-BHC, aldrin, heptachlor epoxide, endosulfan I dieldrin, endrin, endosulfan II, endrin aldehyde, endosulfan sulfate, alpha-chlordane, gamma-chlordane, endrin ketone run on instrument gc08 column RTX-CLP1 on 1/10/06 at 21:50 were greater than 15%. No actions were necessary because no environmental samples were run under this calibration.

The continuing calibration %D for alpha-BHC run on instrument gc08 column RTX-CLPI on 1/11/06 at 20:25 was greater than 15%. No actions were necessary as the %D for this compound on column RTX-CLPII was compliant. Alpha-BHC was not detected in the affected samples 3221GW0201, 3221GW0301, 3221GW0101, 44RB1214, 46RB1217, 46GW1101, 46GW1201, 46GW0901, 46GW1001, and 46GW1301.

The continuing calibration %Ds for 4,4'-DDT, endrin aldehyde, and endrin ketone run on instrument gc08 column RTX-CLPI on 1/12/06 at 8:22 was greater than 15%. The %Ds for heptachlor epoxide and endrin ketone were greater than 15% on Column RTX-CLP II. No actions were taken for 4,4-DDT, endrin aldehyde, and heptachlor epoxide since they were noncompliant on only one column. The nondetected results reported for endrin ketone were qualified as (UJ) in the affected samples 46GW1401, 46GW1401D, 46GW1501, 46GW0101, 46GW0201, 46GW0801, 46GW0701, and 46GW0301.

The continuing calibration %Ds for endrin aldehyde, endosulfan sulfate, and endrin ketone run on instrument gc08 column RTX-CLPI on 1/12/06 at 21:38 was greater than 15%. The %Ds for endosulfan I, endrin aldehyde, and endrin ketone were greater than 15% on Column RTX-CLP II. No actions were taken for endosulfan sulfate and endosulfan I since they were noncompliant on only one column. The nondetected results reported for endrin ketone and endrin aldehyde were qualified as (UJ) in the affected samples 46GW1401, 46GW1401D, 46GW1501, 46GW0101, 46GW0201, 46GW0801, 46GW0701, and 46GW0301.

Continuing calibrations run on 1/18/06 at 19:45 on column RTX-CLP I, 1/19/06 at 13:37 on column RTX-CLP I, and 1/20/06 1:00 on columns RTX-CLPI and CLPII had %Ds for various compounds in excess of the 15% quality control limit. However no actions were necessary as only reanalyses were run under these calibrations and none of the reanalyses were used in the validation of this SDG.

The surrogate recoveries for decachlorobiphenyl (DCB) on column 1 and 2 were low in samples 3221GW0201, 46GW1001, 46GW1401, 46GW1401D, 46GW0201, and 46GW0801. Only nondetects were reported for pesticide compounds in these samples and these nondetects were qualified as estimated (UJ). These samples were reextracted and reanalyzed but showed little to no improvement in surrogate recoveries. Additionally these samples were reextracted grossly outside the maximum allowable holding time. Therefore, the reanalyses were not used in validation of this SDG.

The surrogate DCB %Rs on column 1 and 2 were less than 10% in sample 46GW1201 and 46GW1601. The nondetected results reported for pesticide compounds in these samples were rejected, qualified (UR). These samples were reextracted and reanalyzed but showed little to no improvement in surrogate recoveries and additionally were reextracted grossly outside the maximum allowable holding time. Therefore the reanalyses were not used in validation of this SDG.

PCBs

The continuing calibration average %D for Aroclor-1016 run on instrument gc06 on 1/19/06 at 16:04 were greater than 15% on both columns. The samples run under this calibration were all reanalyses and none of these results were used in the validation of this SDG.

The continuing calibration average %Ds for Aroclor-1016 run on instrument gc06 on 11/23/05 at 19:08 were greater than 15% on column RTX-35. No actions were warranted as no environmental samples are affected by this noncompliance and only one column is affected.

The continuing calibration average %Ds for Aroclor-1016 run on instrument gc06 on 1/10/06 at 14:12 was greater than 15% on column RTX-35. No actions were warranted as only one column is affected.

The continuing calibration average %Ds for Aroclor-1016 and Aroclor-1260 run on instrument gc06 on 12/29/05 at 4:54 were greater than 15% on column RTX-35. No actions were warranted as only one column is affected.

The surrogate recoveries for DCB on both columns were low in samples WG23986-blank, WG23986-LCS, 3221GW0201, 3221GW0301, 3221GW0101, 46GW1401, 46GW1401D, 46GW1501, 46GW0101, 46GW0201, 46GW0801, WG24714-blank, WG24714-LCS, 46GW1001, and 46GW0301. No action was necessary in the lab blanks and LCSs because they are quality control samples. The environmental samples were reextracted and reanalyzed and the reanalyses showed no improvements in surrogate recoveries and additionally the reanlayses were reextracted grossly outside the maximum allowable holding time. The nondetected PCB results reported in the aforementioned environmental samples were qualified as estimated (UJ).

The surrogate recoveries for DCB on both columns were less than 10% in samples 46GW1201(RA) and 46GW1601(RA). These samples were reextracted and reanalyzed and the reanalyses showed no improvements in surrogate recoveries and additionally the reanlayses were reextracted grossly outside the maximum allowable holding time. The nondetected PCB results reported in the aforementioned environmental samples were rejected, qualified (UR).

Total Petroleum Hydrocarbons

The following was detected in soil method blank:

Analyte	Maximum Detection	Action Level
TPH	240 ug/L	2400 mg/L

Sample aliquot and dilution factors were taken into consideration during the application of action limits. All positive results for TPH at concentrations less than the action level were qualified undetected (U) as a result of laboratory blank contamination.

The surrogate recoveries for triacontane-d62 and o-terphenyl were low in samples 46GW1201, 46GW1001, and 46GW1601. The samples were reextracted and reanalyzed as a result of these noncompliances and the reanalyses showed some improvement however the rextraction was performed outside the maximum allowable holding time. The original sample results were used in the validation of this SDG and the nondetected TPH results in these samples were qualified as estimated (UJ).

The surrogate %Rs for o-terphenyl were low in samples 3221GW0301, 46GW1401, 46GW1401D, 46GW0201, and 46GW0801. The nondetected TPH results in these samples were qualified as estimated (UJ).

The MS/MSD analysis of sample 46GW0301 yielded a high %R for TPH. No action was necessary in the unspiked sample because TPH was not detected.

EDB

The surrogate %Rs for tetrachloro-m-xylene (TCX) on column 1 were low in samples 3221GW0201, 44RB1214, 46GW1401, and 46GW1401D. The surrogate %Rs for TCX on columns 1 and 2 were low in samples 46GW1201, 46GW1001, 46GW0801, 46GW0801RE, and 46GW1601. The nondetected EDB results were qualified as estimated (UJ) in these samples.

The surrogate %Rs for TCX were high on both columns in sample 46GW1301. No actions were necessary as EDB was not detected in this sample.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Qualifications were made on initial and continuing calibrations of acetone and 2-butanone which failed to comply with RRF or percent difference quality control criterion. Several VOC, SVOC, PAH, pesticide, and PCB compounds had noncompliant calibration %Ds. TPH was detected in the lab method blank.

Other Factors Affecting Data Quality: Surrogate non-compliances were noted in most fractions.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99). The text of this report has been formulated to address only those problem areas affecting data quality.

Tetra Tech NUS

Kelly A. Carper
Environmental Scientist

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	UR	C
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	I	J	PR
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0101-RE
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0201-RE
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.7	I	J	PR
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0301-RE
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	1		J	R
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.5	I	J	PR
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44RB1214-RE
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	1		J	R
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	6		J	R
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0101-RE
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0201-RE
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.6	I	J	DP
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	3			
CHLOROMETHANE	0.4	I	J	CP
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0301-RE
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0701-RE
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0801-RE
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	I	J	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW0901-RE
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

nsample	46GW1001DL2
samp_date	12/17/2005
lab_id	WV6701-4DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.6	U	U	
1,1-DICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHENE	0.7	U	U	
1,2-DICHLOROETHANE	0.6	U	U	
1,2-DICHLOROPROPANE	0.7	U	U	
2-BUTANONE	5	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	6	U	U	
ACETONE	4	U	UR	C
BENZENE	0.7	U	U	
BROMODICHLOROMETHANE	0.4	U	U	
BROMOFORM	1	U	U	
BROMOMETHANE	1	U	U	
CARBON DISULFIDE	0.7	U	U	
CARBON TETRACHLORIDE	0.5	U	U	
CHLOROBENZENE	0.5	U	U	
CHLORODIBROMOMETHANE	0.8	U	U	
CHLOROETHANE	0.7	U	U	
CHLOROFORM	0.8	U	U	
CHLOROMETHANE	0.6	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.5	U	U	
CIS-1,3-DICHLOROPROPENE	0.6	U	U	
ETHYLBENZENE	0.5	U	U	
M+P-XYLENES	1	U	U	
METHYLENE CHLORIDE	3	U	U	
O-XYLENE	0.6	U	U	
STYRENE	1	U	U	
TETRACHLOROETHENE	0.9	U	U	
TOLUENE	0.5	U	U	
TOTAL 1,2-DICHLOROETHENE	1	U	U	

nsample	46GW1001DL2
samp_date	12/17/2005
lab_id	WV6701-4DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	2	U	U	
TRANS-1,2-DICHLOROETHENE	0.6	U	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	U	
TRICHLOROETHENE	0.6	U	U	
VINYL CHLORIDE	0.6	U	U	

nsample	46GW1001-RE
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	I	J	CP
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1101-RE
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

nsample	46GW1201DL2
samp_date	12/17/2005
lab_id	WV6701-2DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.6	U	U	
1,1-DICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHENE	0.7	U	U	
1,2-DICHLOROETHANE	0.6	U	U	
1,2-DICHLOROPROPANE	0.7	U	U	
2-BUTANONE	5	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	6	U	U	
ACETONE	4	U	UR	C
BENZENE	0.7	U	U	
BROMODICHLOROMETHANE	0.4	U	U	
BROMOFORM	1	U	U	
BROMOMETHANE	1	U	U	
CARBON DISULFIDE	0.7	U	U	
CARBON TETRACHLORIDE	0.5	U	U	
CHLOROBENZENE	0.5	U	U	
CHLORODIBROMOMETHANE	0.8	U	U	
CHLOROETHANE	0.7	U	U	
CHLOROFORM	0.8	U	U	
CHLOROMETHANE	0.6	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.5	U	U	
CIS-1,3-DICHLOROPROPENE	0.6	U	U	
ETHYLBENZENE	0.5	U	U	
M+P-XYLENES	1	U	U	
METHYLENE CHLORIDE	3	U	U	
O-XYLENE	0.6	U	U	
STYRENE	1	U	U	
TETRACHLOROETHENE	0.9	U	U	
TOLUENE	0.5	U	U	
TOTAL 1,2-DICHLOROETHENE	1	U	U	

nsample	46GW1201DL2
samp_date	12/17/2005
lab_id	WV6701-2DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	2	U	U	
TRANS-1,2-DICHLOROETHENE	0.6	U	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	U	
TRICHLOROETHENE	0.6	U	U	
VINYL CHLORIDE	0.6	U	U	

nsample	46GW1201-RE
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1301-RE
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.4	I	J	P
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.3	IJ	J	P
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.6	I	J	P
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.5	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1401D-RE
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

nsample	46GW1401-RE
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	1			
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1501-RE
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

nsample	46GW1601DL2
samp_date	12/17/2005
lab_id	WV6701-11DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.6	U	U	
1,1-DICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHENE	0.7	U	U	
1,2-DICHLOROETHANE	0.6	U	U	
1,2-DICHLOROPROPANE	0.7	U	U	
2-BUTANONE	5	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	6	U	U	
ACETONE	7	I	J	CP
BENZENE	0.7	U	U	
BROMODICHLOROMETHANE	0.4	U	U	
BROMOFORM	1	U	U	
BROMOMETHANE	1	U	U	
CARBON DISULFIDE	0.7	U	U	
CARBON TETRACHLORIDE	0.5	U	U	
CHLOROBENZENE	0.5	U	U	
CHLORODIBROMOMETHANE	0.8	U	U	
CHLOROETHANE	0.7	U	U	
CHLOROFORM	0.8	U	U	
CHLOROMETHANE	0.6	U	U	
CIS-1,2-DICHLOROETHENE	0.5	U	U	
CIS-1,3-DICHLOROPROPENE	0.6	U	U	
ETHYLBENZENE	0.5	U	U	
M+P-XYLENES	1	U	U	
METHYLENE CHLORIDE	3	U	U	
O-XYLENE	0.6	U	U	
STYRENE	1	U	U	
TETRACHLOROETHENE	0.9	U	U	
TOLUENE	0.5	U	U	
TOTAL 1,2-DICHLOROETHENE	1	U	U	

nsample	46GW1601DL2
samp_date	12/17/2005
lab_id	WV6701-11DL2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	2	U	U	
TRANS-1,2-DICHLOROETHENE	0.6	U	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	U	
TRICHLOROETHENE	0.6	U	U	
VINYL CHLORIDE	0.6	U	U	

nsample	46GW1601-RE
samp_date	12/17/2005
lab_id	WV6701-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.9	I	J	CP
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.4	I	J	P
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46RB1217-RE
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OV

nsample	46TB1217	nsample	46TB1217
samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-6	lab_id	WV6701-6
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	UJ	C
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	UJ	D
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	D
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	CD
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	64			
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1601
samp_date	12/17/2005
lab_id	WV6701-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1601
samp_date	12/17/2005
lab_id	WV6701-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: OS

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UJ	C
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	3221GW0101	nsample	3221GW0201	nsample	3221GW0301
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6688-4	lab_id	WV6688-1	lab_id	WV6688-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.1	I	J	P
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.1	I	J	P
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW0301	nsample	46GW0701	nsample	46GW0801
samp_date	12/18/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6766-5	lab_id	WV6766-4	lab_id	WV6766-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	D
BENZO(G,H,I)PERYLENE	0.1	U	UJ	D
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UR	D
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UR	D
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW0901	nsample	46GW1001	nsample	46GW1101
samp_date	12/17/2005	samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-3	lab_id	WV6701-4	lab_id	WV6701-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.1	I	J	P
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	1			
ACENAPHTHENE	0.3			
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.2			
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	1			
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW1401D	nsample	46GW1501	nsample	46GW1601
samp_date	12/17/2005	samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-9	lab_id	WV6701-10	lab_id	WV6701-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	46GW1401	DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	UJ	C
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PAH

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	UJ	C
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	UJ	C
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	UJ	C
NAPHTHALENE	0.1	I	J	P
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.095	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	R
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	R
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	R
TOXAPHENE	0.28	U	UJ	R

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.059	U	U	
4,4'-DDT	0.043	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.22	U	UJ	R
AROCLOR-1248	0.098	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.059	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.024	U	U	
ENDOSULFAN II	0.015	U	U	
ENDOSULFAN SULFATE	0.013	U	U	
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.018	U	U	
GAMMA-BHC (LINDANE)	0.017	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.018	U	U	
HEPTACHLOR EPOXIDE	0.015	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	44RB1214	nsample	46GW0101	nsample	46GW0201
samp_date	12/14/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6688-2	lab_id	WV6766-1	lab_id	WV6766-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.061	U	U	
4,4'-DDT	0.045	U	U	
ALDRIN	0.028	U	U	
ALPHA-BHC	0.019	U	U	
ALPHA-CHLORDANE	0.023	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.26	U	UJ	R
AROCLOR-1232	0.3	U	UJ	R
AROCLOR-1242	0.22	U	UJ	R
AROCLOR-1248	0.1	U	UJ	R
AROCLOR-1254	0.26	U	UJ	R
AROCLOR-1260	0.061	U	UJ	R
BETA-BHC	0.026	U	U	
DELTA-BHC	0.028	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.024	U	U	
ENDOSULFAN II	0.015	U	U	
ENDOSULFAN SULFATE	0.013	U	U	
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.034	U	UJ	C
ENDRIN KETONE	0.018	U	UJ	C
GAMMA-BHC (LINDANE)	0.017	U	U	
GAMMA-CHLORDANE	0.031	U	U	
HEPTACHLOR	0.018	U	U	
HEPTACHLOR EPOXIDE	0.015	U	U	
METHOXYCHLOR	0.035	U	U	
TOXAPHENE	0.3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.025	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.025	U	UJ	R
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	R
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	CR
ENDRIN KETONE	0.017	U	UJ	CR
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	R
TOXAPHENE	0.27	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW0301	nsample	46GW0701	nsample	46GW0801
samp_date	12/18/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6766-5	lab_id	WV6766-4	lab_id	WV6766-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.043	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.097	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.013	U	U	
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.032	U	UJ	C
ENDRIN KETONE	0.017	U	UJ	C
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.17			
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	UJ	C
ENDRIN KETONE	0.017	U	UJ	C
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.14			
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.025	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.025	U	UJ	R
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	R
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	CR
ENDRIN KETONE	0.017	U	UJ	CR
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	R
TOXAPHENE	0.27	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	R
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	R
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	R
TOXAPHENE	0.28	U	UJ	R

nsample	46GW1001RA
samp_date	12/17/2005
lab_id	WV6701-4RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.095	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UR	R
4,4'-DDE	0.057	U	UR	R
4,4'-DDT	0.042	U	UR	R
ALDRIN	0.026	U	UR	R
ALPHA-BHC	0.05	U	UR	R
ALPHA-CHLORDANE	0.022	U	UR	R
BETA-BHC	0.024	U	UR	R
DELTA-BHC	0.026	U	UR	R
DIELDRIN	0.012	U	UR	R
ENDOSULFAN I	0.023	U	UR	R
ENDOSULFAN II	0.014	U	UR	R
ENDOSULFAN SULFATE	0.012	U	UR	R
ENDRIN	0.01	U	UR	R
ENDRIN ALDEHYDE	0.031	U	UR	R
ENDRIN KETONE	0.017	U	UR	R
GAMMA-BHC (LINDANE)	0.016	U	UR	R
GAMMA-CHLORDANE	0.028	U	UR	R
HEPTACHLOR	0.017	U	UR	R
HEPTACHLOR EPOXIDE	0.014	U	UR	R
METHOXYCHLOR	0.032	U	UR	R
TOXAPHENE	0.28	U	UR	R

nsample	46GW1201RA
samp_date	12/17/2005
lab_id	WV6701-2RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
AROCLOR-1016	0.12	U	UR	R
AROCLOR-1221	0.25	U	UR	R
AROCLOR-1232	0.28	U	UR	R
AROCLOR-1242	0.21	U	UR	R
AROCLOR-1248	0.095	U	UR	R
AROCLOR-1254	0.24	U	UR	R
AROCLOR-1260	0.057	U	UR	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW1301	nsample	46GW1401	nsample	46GW1401D
samp_date	12/17/2005	samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-7	lab_id	WV6701-8	lab_id	WV6701-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.1	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.095	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.05	U	U	
DELTA-BHC	0.05	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.1	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.1	U	U	
ENDRIN ALDEHYDE	0.1	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	UJ	R
4,4'-DDE	0.058	U	UJ	R
4,4'-DDT	0.043	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.097	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	R
DIELDRIN	0.013	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.013	U	UJ	R
ENDRIN	0.011	U	UJ	R
ENDRIN ALDEHYDE	0.032	U	UJ	CR
ENDRIN KETONE	0.017	U	UJ	CR
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.029	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.033	U	UJ	R
TOXAPHENE	0.28	U	UJ	R

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.025	U	UJ	R
ALPHA-BHC	0.05	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.025	U	UJ	R
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	R
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	CR
ENDRIN KETONE	0.017	U	UJ	CR
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	R
TOXAPHENE	0.27	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW1501	nsample	46GW1601	nsample	46RB1217
samp_date	12/17/2005	samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-10	lab_id	WV6701-11	lab_id	WV6701-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.043	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.097	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.013	U	U	
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.032	U	UJ	C
ENDRIN KETONE	0.017	U	UJ	C
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UR	R
4,4'-DDE	0.057	U	UR	R
4,4'-DDT	0.042	U	UR	R
ALDRIN	0.025	U	UR	R
ALPHA-BHC	0.018	U	UR	R
ALPHA-CHLORDANE	0.022	U	UR	R
AROCLOR-1016	0.12	U	UR	R
AROCLOR-1221	0.24	U	UR	R
AROCLOR-1232	0.27	U	UR	R
AROCLOR-1242	0.21	U	UR	R
AROCLOR-1248	0.094	U	UR	R
AROCLOR-1254	0.24	U	UR	R
AROCLOR-1260	0.057	U	UR	R
BETA-BHC	0.024	U	UR	R
DELTA-BHC	0.025	U	UR	R
DIELDRIN	0.012	U	UR	R
ENDOSULFAN I	0.023	U	UR	R
ENDOSULFAN II	0.014	U	UR	R
ENDOSULFAN SULFATE	0.012	U	UR	R
ENDRIN	0.01	U	UR	R
ENDRIN ALDEHYDE	0.031	U	UR	R
ENDRIN KETONE	0.017	U	UR	R
GAMMA-BHC (LINDANE)	0.016	U	UR	R
GAMMA-CHLORDANE	0.028	U	UR	R
HEPTACHLOR	0.017	U	UR	R
HEPTACHLOR EPOXIDE	0.014	U	UR	R
METHOXYCHLOR	0.032	U	UR	R
TOXAPHENE	0.27	U	UR	R

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.05	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	3221GW0101	nsample	3221GW0201	nsample	3221GW0301
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6688-4	lab_id	WV6688-1	lab_id	WV6688-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	44RB1214	nsample	46GW0101	nsample	46GW0201
samp_date	12/14/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6688-2	lab_id	WV6766-1	lab_id	WV6766-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	300	I	U	A

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	UJ	R

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	370	IV	U	A

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW1601
samp_date	12/17/2005
lab_id	WV6701-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	3221GW0101
samp_date	12/14/2005
lab_id	WV6688-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	3221GW0201
samp_date	12/14/2005
lab_id	WV6688-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	3221GW0301
samp_date	12/14/2005
lab_id	WV6688-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	44RB1214
samp_date	12/14/2005
lab_id	WV6688-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	46GW0101
samp_date	12/18/2005
lab_id	WV6766-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW0201
samp_date	12/18/2005
lab_id	WV6766-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW0301
samp_date	12/18/2005
lab_id	WV6766-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW0701
samp_date	12/18/2005
lab_id	WV6766-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	300	I	U	A

nsample	46GW0801
samp_date	12/18/2005
lab_id	WV6766-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	UJ	R

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	370	IV	U	A

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1401D
samp_date	12/17/2005
lab_id	WV6701-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1401

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

nsample	46GW1501
samp_date	12/17/2005
lab_id	WV6701-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	46GW1601
samp_date	12/17/2005
lab_id	WV6701-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: PET

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 18:34
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		J123%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		101%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 16:56
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		99%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 18:02
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.7	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		J125%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 28-DEC-2005 15:58
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform		6	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane		1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		90%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 28-DEC-2005 16:32
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		110%				
17060-07-0	1,2-Dichloroethane-D4		J144%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 29-DEC-2005 13:42
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.4	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform		3	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	I	0.6	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		97%				

Sample Data Summary A0000022

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 29-DEC-2005 13:09
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		96%				

Sample Data Summary A0000021

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 29-DEC-2005 17:31
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		95%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 16:04
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 29-DEC-2005 18:38
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4DL2
Client ID: 46GW1001
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.6	2.0	1	2	0.6
75-01-4	Vinyl chloride	U	0.6	2.0	1	2	0.6
74-83-9	Bromomethane	U	1	2.0	1	2	1
75-00-3	Chloroethane	U	0.7	2.0	1	2	0.7
75-35-4	1,1-Dichloroethene	U	0.7	2.0	1	2	0.7
67-64-1	Acetone	U	4	2.0	5	10	4
75-15-0	Carbon Disulfide	U	0.7	2.0	1	2	0.7
75-09-2	Methylene Chloride	U	3	2.0	2	4	3
75-34-3	1,1-Dichloroethane	U	0.8	2.0	1	2	0.8
540-59-0	1,2-Dichloroethylene (total)	U	1	2.0	10	20	1
156-59-2	cis-1,2-Dichloroethene	U	0.5	2.0	5	10	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.6	2.0	5	10	0.6
78-93-3	2-Butanone	U	5	2.0	5	10	5
67-66-3	Chloroform	U	0.8	2.0	1	2	0.8
71-55-6	1,1,1-Trichloroethane	U	0.4	2.0	1	2	0.4
56-23-5	Carbon Tetrachloride	U	0.5	2.0	1	2	0.5
71-43-2	Benzene	U	0.7	2.0	1	2	0.7
107-06-2	1,2-Dichloroethane	U	0.6	2.0	1	2	0.6
79-01-6	Trichloroethene	U	0.6	2.0	1	2	0.6
78-87-5	1,2-Dichloropropane	U	0.7	2.0	1	2	0.7
75-27-4	Bromodichloromethane	U	0.4	2.0	1	2	0.4
10061-01-5	cis-1,3-dichloropropene	U	0.6	2.0	1	2	0.6
108-10-1	4-methyl-2-pentanone	U	6	2.0	5	10	6
108-88-3	Toluene	U	0.5	2.0	1	2	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.8	2.0	1	2	0.8
79-00-5	1,1,2-Trichloroethane	U	0.6	2.0	1	2	0.6
127-18-4	Tetrachloroethene	U	0.9	2.0	1	2	0.9
591-78-6	2-Hexanone	U	5	2.0	5	10	5
124-48-1	Dibromochloromethane	U	0.8	2.0	1	2	0.8
106-93-4	1,2-Dibromoethane	U	0.8	2.0	1	2	0.8
108-90-7	Chlorobenzene	U	0.5	2.0	1	2	0.5
100-41-4	Ethylbenzene	U	0.5	2.0	1	2	0.5
1330-20-7	Xylenes (total)	U	2	2.0	3	6	2
	m+p-Xylenes	U	1	2.0	2	4	1
95-47-6	o-Xylene	U	0.6	2.0	1	2	0.6
100-42-5	Styrene	U	1	2.0	1	2	1
75-25-2	Bromoform	U	1.0	2.0	1	2	1.0
79-34-5	1,1,2,2-Tetrachloroethane	U	1	2.0	1	2	1
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 15:31
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000007

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 29-DEC-2005 18:05
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2DL2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.6	2.0	1	2	0.6
75-01-4	Vinyl chloride	U	0.6	2.0	1	2	0.6
74-83-9	Bromomethane	U	1	2.0	1	2	1
75-00-3	Chloroethane	U	0.7	2.0	1	2	0.7
75-35-4	1,1-Dichloroethene	U	0.7	2.0	1	2	0.7
67-64-1	Acetone	U	4	2.0	5	10	4
75-15-0	Carbon Disulfide	U	0.7	2.0	1	2	0.7
75-09-2	Methylene Chloride	U	3	2.0	2	4	3
75-34-3	1,1-Dichloroethane	U	0.8	2.0	1	2	0.8
540-59-0	1,2-Dichloroethylene (total)	U	1	2.0	10	20	1
156-59-2	cis-1,2-Dichloroethene	U	0.5	2.0	5	10	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.6	2.0	5	10	0.6
78-93-3	2-Butanone	U	5	2.0	5	10	5
67-66-3	Chloroform	U	0.8	2.0	1	2	0.8
71-55-6	1,1,1-Trichloroethane	U	0.4	2.0	1	2	0.4
56-23-5	Carbon Tetrachloride	U	0.5	2.0	1	2	0.5
71-43-2	Benzene	U	0.7	2.0	1	2	0.7
107-06-2	1,2-Dichloroethane	U	0.6	2.0	1	2	0.6
79-01-6	Trichloroethene	U	0.6	2.0	1	2	0.6
78-87-5	1,2-Dichloropropane	U	0.7	2.0	1	2	0.7
75-27-4	Bromodichloromethane	U	0.4	2.0	1	2	0.4
10061-01-5	cis-1,3-dichloropropene	U	0.6	2.0	1	2	0.6
108-10-1	4-methyl-2-pentanone	U	6	2.0	5	10	6
108-88-3	Toluene	U	0.5	2.0	1	2	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.8	2.0	1	2	0.8
79-00-5	1,1,2-Trichloroethane	U	0.6	2.0	1	2	0.6
127-18-4	Tetrachloroethene	U	0.9	2.0	1	2	0.9
591-78-6	2-Hexanone	U	5	2.0	5	10	5
124-48-1	Dibromochloromethane	U	0.8	2.0	1	2	0.8
106-93-4	1,2-Dibromoethane	U	0.8	2.0	1	2	0.8
108-90-7	Chlorobenzene	U	0.5	2.0	1	2	0.5
100-41-4	Ethylbenzene	U	0.5	2.0	1	2	0.5
1330-20-7	Xylenes (total)	U	2	2.0	3	6	2
	m+p-Xylenes	U	1	2.0	2	4	1
95-47-6	o-Xylene	U	0.6	2.0	1	2	0.6
100-42-5	Styrene	U	1	2.0	1	2	1
75-25-2	Bromoform	U	1.0	2.0	1	2	1.0
79-34-5	1,1,2,2-Tetrachloroethane	U	1	2.0	1	2	1
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 16:36
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 17:09
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	I	0.4	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		96%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 17:44
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.5	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	IJ	0.3	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	I	0.6	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 18:20
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane		1	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 29-DEC-2005 14:47
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11DL2
Client ID: 46GW1601
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.6	2.0	1	2	0.6
75-01-4	Vinyl chloride	U	0.6	2.0	1	2	0.6
74-83-9	Bromomethane	U	1	2.0	1	2	1
75-00-3	Chloroethane	U	0.7	2.0	1	2	0.7
75-35-4	1,1-Dichloroethene	U	0.7	2.0	1	2	0.7
67-64-1	Acetone	I	7	2.0	5	10	4
75-15-0	Carbon Disulfide	U	0.7	2.0	1	2	0.7
75-09-2	Methylene Chloride	U	3	2.0	2	4	3
75-34-3	1,1-Dichloroethane	U	0.8	2.0	1	2	0.8
540-59-0	1,2-Dichloroethylene (total)	U	1	2.0	10	20	1
156-59-2	cis-1,2-Dichloroethene	U	0.5	2.0	5	10	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.6	2.0	5	10	0.6
78-93-3	2-Butanone	U	5	2.0	5	10	5
67-66-3	Chloroform	U	0.8	2.0	1	2	0.8
71-55-6	1,1,1-Trichloroethane	U	0.4	2.0	1	2	0.4
56-23-5	Carbon Tetrachloride	U	0.5	2.0	1	2	0.5
71-43-2	Benzene	U	0.7	2.0	1	2	0.7
107-06-2	1,2-Dichloroethane	U	0.6	2.0	1	2	0.6
79-01-6	Trichloroethene	U	0.6	2.0	1	2	0.6
78-87-5	1,2-Dichloropropane	U	0.7	2.0	1	2	0.7
75-27-4	Bromodichloromethane	U	0.4	2.0	1	2	0.4
10061-01-5	cis-1,3-dichloropropene	U	0.6	2.0	1	2	0.6
108-10-1	4-methyl-2-pentanone	U	6	2.0	5	10	6
108-88-3	Toluene	U	0.5	2.0	1	2	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.8	2.0	1	2	0.8
79-00-5	1,1,2-Trichloroethane	U	0.6	2.0	1	2	0.6
127-18-4	Tetrachloroethene	U	0.9	2.0	1	2	0.9
591-78-6	2-Hexanone	U	5	2.0	5	10	5
124-48-1	Dibromochloromethane	U	0.8	2.0	1	2	0.8
106-93-4	1,2-Dibromoethane	U	0.8	2.0	1	2	0.8
108-90-7	Chlorobenzene	U	0.5	2.0	1	2	0.5
100-41-4	Ethylbenzene	U	0.5	2.0	1	2	0.5
1330-20-7	Xylenes (total)	U	2	2.0	3	6	2
	m+p-Xylenes	U	1	2.0	2	4	1
95-47-6	o-Xylene	U	0.6	2.0	1	2	0.6
100-42-5	Styrene	U	1	2.0	1	2	1
75-25-2	Bromoform	U	1.0	2.0	1	2	1.0
79-34-5	1,1,2,2-Tetrachloroethane	U	1	2.0	1	2	1
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		103%				

Sample Data Summary A0000017

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 17:29
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane		1	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	I	0.5	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		J123%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 12:45
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.9	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	I	0.4	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000011

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date:
Analysis Date: 28-DEC-2005 12:12
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-6
Client ID: 46TB1217
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 10:24
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3321GW0101
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		91%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/22/05
Analysis Date: 22-DEC-2005 15:54
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		62%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 09:55
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3321GW0301
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/22/05
Analysis Date: 22-DEC-2005 16:24
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 15:19
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 15:49
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 17:17
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 16:48
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 16:19
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/28/05
Analysis Date: 28-DEC-2005 14:10
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3RE
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24230
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		J 42%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 11:53
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 12:23
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 28%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 10:54
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 11:24
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 16%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 13:22
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		J170%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 13:51
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 14:21
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 14:50
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 04-JAN-2006 06:14
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 23-DEC-2005 12:52
Report Date: 01/21/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 23-JAN-2006 19:49
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000101

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 23-JAN-2006 19:49
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		43%				
13127-88-3	Phenol-D6		29%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		68%				
118-79-6	2,4,6-Tribromophenol		72%				
1718-51-0	Terphenyl-D14		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 15-JAN-2006 23:26
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 15-JAN-2006 23:26
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		79%				
118-79-6	2,4,6-Tribromophenol		93%				
1718-51-0	Terphenyl-D14		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 16-JAN-2006 01:02
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 16-JAN-2006 01:02
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		60%				
13127-88-3	Phenol-D6		73%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		83%				
1718-51-0	Terphenyl-D14		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 20:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 20:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		37%				
4165-60-0	Nitrobenzene-D5		89%				
321-60-8	2-Fluorobiphenyl		93%				
118-79-6	2,4,6-Tribromophenol		89%				
1718-51-0	Terphenyl-D14		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 18:14
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 18:14
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		38%				
13127-88-3	Phenol-D6		26%				
4165-60-0	Nitrobenzene-D5		67%				
321-60-8	2-Fluorobiphenyl		76%				
118-79-6	2,4,6-Tribromophenol		58%				
1718-51-0	Terphenyl-D14		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 20:38
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000131

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 20:38
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		34%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		95%				
1718-51-0	Terphenyl-D14		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 19:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 19:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		54%				
13127-88-3	Phenol-D6		34%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		88%				
118-79-6	2,4,6-Tribromophenol		85%				
1718-51-0	Terphenyl-D14		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 19:01
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000127

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 19-JAN-2006 19:01
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		46%				
13127-88-3	Phenol-D6		30%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		78%				
1718-51-0	Terphenyl-D14		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 12:38
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000107

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 12:38
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		82%				
321-60-8	2-Fluorobiphenyl		90%				
118-79-6	2,4,6-Tribromophenol		95%				
1718-51-0	Terphenyl-D14		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 13:28
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 13:28
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		47%				
13127-88-3	Phenol-D6		33%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		77%				
1718-51-0	Terphenyl-D14		55%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 01:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000103

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 01:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		54%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		75%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		91%				
1718-51-0	Terphenyl-D14		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 11:49
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000105

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 11:49
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		47%				
13127-88-3	Phenol-D6		31%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		77%				
118-79-6	2,4,6-Tribromophenol		80%				
1718-51-0	Terphenyl-D14		45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:07
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:07
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		54%				
13127-88-3	Phenol-D6		39%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		89%				
118-79-6	2,4,6-Tribromophenol		98%				
1718-51-0	Terphenyl-D14		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:56
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:56
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate		64	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		88%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		72%				
1718-51-0	Terphenyl-D14		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 17-JAN-2006 18:41
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000117

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 17-JAN-2006 18:41
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		44%				
13127-88-3	Phenol-D6		30%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		70%				
1718-51-0	Terphenyl-D14		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 17-JAN-2006 19:30
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 17-JAN-2006 19:30
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		59%				
13127-88-3	Phenol-D6		41%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		87%				
118-79-6	2,4,6-Tribromophenol		96%				
1718-51-0	Terphenyl-D14		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 18:24
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000121

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 18:24
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		45%				
13127-88-3	Phenol-D6		30%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		74%				
1718-51-0	Terphenyl-D14		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 16-JAN-2006 00:14
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000097

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 16-JAN-2006 00:14
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		78%				
13127-88-3	Phenol-D6		84%				
4165-60-0	Nitrobenzene-D5		82%				
321-60-8	2-Fluorobiphenyl		79%				
118-79-6	2,4,6-Tribromophenol		93%				
1718-51-0	Terphenyl-D14		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 14:18
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000111

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 14:18
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		92%				
118-79-6	2,4,6-Tribromophenol		84%				
1718-51-0	Terphenyl-D14		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 13-JAN-2006 21:00
Report Date: 01/14/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24039
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		83%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		106%				

Sample Data Summary A0000521

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 15:10
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		80%				
81103-79-9	Fluorene-d10		95%				
1718-52-1	Pyrene-d10		118%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 16:41
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		85%				
1718-52-1	Pyrene-d10		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 18:36
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		84%				
81103-79-9	Fluorene-d10		87%				
1718-52-1	Pyrene-d10		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 19:21
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	I	0.1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 21:36
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 20:51
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 20:06
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		109%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 18:57
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		102%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		112%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 19:43
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	I	0.1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		86%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 17:27
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		90%				
81103-79-9	Fluorene-d10		85%				
1718-52-1	Pyrene-d10		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 18:12
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		72%				
1718-52-1	Pyrene-d10		70%				

Sample Data Summary A0000523

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 14:53
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		1.0	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.3	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		111%				

Sample Data Summary A0000527

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 15:37
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		83%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 16:22
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		85%				
1718-52-1	Pyrene-d10		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 17:07
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		105%				
81103-79-9	Fluorene-d10		95%				
1718-52-1	Pyrene-d10		120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 17:51
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 15:56
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.1	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 20:28
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.1	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		86%				
81103-79-9	Fluorene-d10		94%				
1718-52-1	Pyrene-d10		126%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 12-JAN-2006 03:19
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		92%				
2051-24-3	Decachlorobiphenyl		53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 12-JAN-2006 01:56
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		84%				
2051-24-3	Decachlorobiphenyl		J 35%				

Sample Data Summary A0000191

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 16:45
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1RE
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		67%				
2051-24-3	Decachlorobiphenyl		J 25%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 12-JAN-2006 02:51
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.059	1.0	0.10	0.10	0.059
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		47%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 14:18
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.051	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.051	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.051	0.017
319-85-7	beta-BHC	U	0.026	1.0	0.050	0.051	0.026
319-86-8	delta-BHC	U	0.028	1.0	0.050	0.051	0.028
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.051	0.018
309-00-2	Aldrin	U	0.028	1.0	0.050	0.051	0.028
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.051	0.015
5103-74-2	gamma-Chlordane	U	0.031	1.0	0.050	0.051	0.031
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.051	0.023
72-55-9	4,4'-DDE	U	0.061	1.0	0.10	0.10	0.061
50-29-3	4,4'-DDT	U	0.045	1.0	0.10	0.10	0.045
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.30	1.0	1.0	1.0	0.30
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.034	1.0	0.10	0.10	0.034
72-43-5	Methoxychlor	U	0.035	1.0	0.50	0.51	0.035
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		55%				

Sample Data Summary A0000211

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 14:45
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		87%				
2051-24-3	Decachlorobiphenyl		J 28%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 20:25
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2RE
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		77%				
2051-24-3	Decachlorobiphenyl		J 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 16:08
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 15:40
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane		0.14	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane		0.17	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		86%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 15:13
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		78%				
2051-24-3	Decachlorobiphenyl		J 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 20:52
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3RE
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		71%				
2051-24-3	Decachlorobiphenyl		J 20%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 04:41
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		91%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 05:09
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		51%				
2051-24-3	Decachlorobiphenyl		J 12%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 18:35
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4RE
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.050	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		J 27%				
2051-24-3	Decachlorobiphenyl		J 9%				

Sample Data Summary A0000201

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 03:46
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		88%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 04:14
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		40%				
2051-24-3	Decachlorobiphenyl		J 9%				

Sample Data Summary A0000197

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 18:08
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2RE
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		J 14%				
2051-24-3	Decachlorobiphenyl		J 7%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 06:04
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.10	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.10	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.10	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.10	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		67%				
2051-24-3	Decachlorobiphenyl		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 12:24
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		71%				
2051-24-3	Decachlorobiphenyl		J 28%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 19:02
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8RE
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		74%				
2051-24-3	Decachlorobiphenyl		J 24%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 12:52
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		67%				
2051-24-3	Decachlorobiphenyl		J 25%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 19:30
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9RE
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.050	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		77%				
2051-24-3	Decachlorobiphenyl		J 22%				

Sample Data Summary A0000207

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 13:19
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		83%				
2051-24-3	Decachlorobiphenyl		45%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 375 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 13:47
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		48%				
2051-24-3	Decachlorobiphenyl		J 4%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 19:57
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11RE
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.059	1.0	0.10	0.10	0.059
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		42%				
2051-24-3	Decachlorobiphenyl		J 8%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 12-JAN-2006 02:23
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		94%				
2051-24-3	Decachlorobiphenyl		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 05:37
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		86%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 23:26
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		86%				
2051-24-3	Decachlorobiphenyl		J 45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 14:51
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4RE
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		J 31%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 22:02
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		78%				
2051-24-3	Decachlorobiphenyl		J 30%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 13:54
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1RE
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		73%				
2051-24-3	Decachlorobiphenyl		J 25%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 22:58
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.098	1.0	0.50	0.50	0.098
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		J 40%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 14:22
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3RE
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		69%				
2051-24-3	Decachlorobiphenyl		J 25%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 07:27
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.51	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.51	0.26
11141-16-5	Aroclor-1232	U	0.30	1.0	0.50	0.51	0.30
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.51	0.22
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.51	0.10
11097-69-1	Aroclor-1254	U	0.26	1.0	0.50	0.51	0.26
11096-82-5	Aroclor-1260	U	0.061	1.0	0.50	0.51	0.061
877-09-8	Tetrachloro-m-xylene		93%				
2051-24-3	Decachlorobiphenyl		J 48%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 18:08
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1RE
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 07:55
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		J 24%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 18:37
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2RE
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		91%				
2051-24-3	Decachlorobiphenyl		J 23%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 09:20
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		94%				
2051-24-3	Decachlorobiphenyl		J 50%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 19:33
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5RE
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		95%				
2051-24-3	Decachlorobiphenyl		62%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 08:52
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		67%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 08:24
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		J 19%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 19:05
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3RE
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		92%				
2051-24-3	Decachlorobiphenyl		J 21%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 21-JAN-2006 16:27
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4RERA
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		J 32%				
2051-24-3	Decachlorobiphenyl		J 10%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 03:41
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		89%				
2051-24-3	Decachlorobiphenyl		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 21-JAN-2006 19:17
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4RA
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24074SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		55%				
2051-24-3	Decachlorobiphenyl		J 11%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 10-JAN-2006 23:55
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 21-JAN-2006 18:49
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2RA
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24074SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		50%				
2051-24-3	Decachlorobiphenyl		J 10%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 21-JAN-2006 15:59
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2RERA
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		J 18%				
2051-24-3	Decachlorobiphenyl		J 8%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 05:06
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 05:34
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		J 25%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 16:15
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8RE
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		92%				
2051-24-3	Decachlorobiphenyl		J 24%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 06:02
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		66%				
2051-24-3	Decachlorobiphenyl		J 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 16:44
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9RE
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		93%				
2051-24-3	Decachlorobiphenyl		J 23%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 06:30
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		J 40%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO NO:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 17:12
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10RE
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.099	1.0	0.50	0.50	0.099
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		90%				
2051-24-3	Decachlorobiphenyl		J 41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 06:59
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		54%				
2051-24-3	Decachlorobiphenyl		J 4%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 17:40
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11RE
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.099	1.0	0.50	0.50	0.099
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		52%				
2051-24-3	Decachlorobiphenyl		J 9%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 22:30
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 04:38
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 16:28
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-4
Client ID: 3221GW0101
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		108%				
	O-Terphenyl		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 12:58
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-1
Client ID: 3221GW0201
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		106%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 15:18
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-3
Client ID: 3221GW0301
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		52%				
	O-Terphenyl		J 54%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 07:40
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-1
Client ID: 46GW0101
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		104%				
	O-Terphenyl		107%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 12:20
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-2
Client ID: 46GW0201
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		69%				
	O-Terphenyl		J 60%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 12-JAN-2006 21:41
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-5
Client ID: 46GW0301
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24127
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		114%				
	O-Terphenyl		124%				

Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 12-JAN-2006 20:31
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24127
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	300	1.0	500	500	210
	n-Triacontane-D62		128%				
	O-Terphenyl		129%				

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 13:30
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-3
Client ID: 46GW0801
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		54%				
	O-Terphenyl		J 46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 19:58
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-3
Client ID: 46GW0901
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		106%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/13/06
Analysis Date: 13-JAN-2006 22:04
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4RE
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24597
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		68%				
	O-Terphenyl		J 73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 21:08
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-4
Client ID: 46GW1001
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		J 36%				
	O-Terphenyl		J 25%				

Sample Data Summary A0000582

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 17:38
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-1
Client ID: 46GW1101
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		97%				
	O-Terphenyl		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 18:48
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		J 38%				
	o-Terphenyl		J 30%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/13/06
Analysis Date: 13-JAN-2006 20:55
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-2RE
Client ID: 46GW1201
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24597
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		58%				
	O-Terphenyl		J 62%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 23:28
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	370	1.0	500	500	220
	n-Triacontane-D62		102%				
	O-Terphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 02:59
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		70%				
	O-Terphenyl		J 57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 04:09
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-9
Client ID: 46GW1401D
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		74%				
	O-Terphenyl		J 61%				

Sample Data Summary A0000587

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 05:19
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-10
Client ID: 46GW1501
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		105%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 06:30
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		J 38%				
	O-Terphenyl		J 30%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 01/13/06
Analysis Date: 13-JAN-2006 23:14
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-11RE
Client ID: 46GW1601
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24597
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		54%				
	O-Terphenyl		J 58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 14:08
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		106%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 22:18
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-5
Client ID: 46RB1217
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		129%				
	O-Terphenyl		129%				

Sample Data Summary A0000584

APPENDIX C

SUPPORT DOCUMENTATION

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	46GW1401D	WV6701-009	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1101	WV6701-001	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	3221GW0101	WV6688-004	NM	12/14/2005	12/30/2005	1/5/2006	16	6	22
M	UG/L	46GW1501	WV6701-010	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
OS	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/16/2006	4	25	29
OS	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	%	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	%	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/15/2006	2	30	32
OS	%	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/23/2006	6	34	40
OS	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31
OS	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/13/2006	6	24	30
OS	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/16/2006	4	25	29
OS	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/13/2006	6	24	30
OS	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/23/2006	6	34	40
OS	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31
OS	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/15/2006	2	30	32
OS	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
EDB	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/4/2006	5	13	18
EDB	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	3221GW0101	WV6688-4	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	3221GW0201	WV6688-1	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	%	3221GW0301	WV6688-3	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	44RB1214	WV6688-2	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/4/2006	5	13	18
EDB	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46GW1001DL2	WV6701-4DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46GW0301	WV6766-5	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0901	WV6701-3	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW0801	WV6766-3	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0701	WV6766-4	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0201	WV6766-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	46GW0101	WV6766-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	44RB1214	WV6688-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0301	WV6688-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0101	WV6688-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	46GW1301	WV6701-7	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	3221GW0201	WV6688-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	46TB1217	WV6701-6	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1201DL2	WV6701-2DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46RB1217	WV6701-5	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1601DL2	WV6701-11DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46GW1501	WV6701-10	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1401D	WV6701-9	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46GW1401	WV6701-8	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1101	WV6701-1	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1201DL2	WV6701-2DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46GW1001DL2	WV6701-4DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1601DL2	WV6701-11DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46TB1217	WV6701-6	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
PCB	%	46GW1001RERA	WV6701-4RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1001RA	WV6701-4RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/10/2006	4	20	24
PCB	%	46GW1201RA	WV6701-2RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	%	46GW1201RERA	WV6701-2RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1501RE	WV6701-10RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	3221GW0101RE	WV6688-4RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	3221GW0301RE	WV6688-3RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	46GW0101RE	WV6766-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0301RE	WV6766-5RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1001RA	WV6701-4RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	UG/L	46GW1001RERA	WV6701-4RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/10/2006	4	20	24
PCB	UG/L	46GW1201RA	WV6701-2RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	UG/L	46GW1201RERA	WV6701-2RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1501RE	WV6701-10RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	3221GW0101RE	WV6688-4RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	3221GW0301RE	WV6688-3RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0101RE	WV6766-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0301RE	WV6766-5RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/19/2006	34	2	36
PEST	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/19/2006	34	2	36
PEST	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	3221GW0201	WV6688-1	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	44RB1214	WV6688-2	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	3221GW0301	WV6688-3	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	3221GW0101	WV6688-4	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-4

Sample Receipt

The following samples were received on December 15, 19 and 20, 2005 and were logged in under Katahdin Analytical Services work order numbers WV6688, WV6701 and WV6766 for a hardcopy due date of January 15, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6688-1	3221GW0201
WV6688-2	44RB1214
WV6688-3	3221GW0301
WV6688-4	3221GW0101
WV6701-1	46GW1101
WV6701-2	46GW1201
WV6701-3	46GW0901
WV6701-4	46GW1001
WV6701-5	46RB1217
WV6701-6	46TB1217
WV6701-7	46GW1301
WV6701-8	46GW1401
WV6701-9	46GW1401D
WV6701-10	46GW1501
WV6701-11	46GW1601
WV6766-1	46GW0101
WV6766-2	46GW0201
WV6766-3	46GW0801
WV6766-4	46GW0701
WV6766-5	46GW0301

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-4 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), for the specific methods listed below or on the Report of Analysis. Sample WV6688-4 was used for a matrix spike (MS) and matrix spike duplicate sample (MSD), as per client's request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibrations analyzed on the F instrument on 12/21/05 and on the M instrument on 12/22/05 had %RSD values for acetone that exceeded the method acceptance limit of 15%. Even though the %RSD is greater than 15%, acetone was calibrated with the average model since this calibration model is more accurate for this analyte at concentrations near the PQL than either the linear or quadratic calibration models.

Samples WV6688-2, 3, 4 and WV6766-1 and 2 had high recoveries for the surrogate 1,2-dichloroethane-d4, which were outside of the laboratory established acceptance limits. For those samples that had no target analytes detected above the PQL, since a high recovery would indicate a high bias the associated samples were not reanalyzed. For those samples that had target analytes detected above the PQL, since the recoveries of the second surrogate dibromofluoromethane, which is associated with the same internal standard as the surrogate 1,2-dichloroethane-d4, were acceptable, these samples were not reanalyzed. The laboratory is conducting a long-term corrective action plan to investigate the high recoveries of this surrogate.

Samples WV6701-2, 4, and 11 were analyzed at a dilution based on sample history. Consequently, the sample's PQLs were elevated accordingly.

8015M-FLPRO Analysis

Samples WV6688-3, WV6701-8 and 9 and WV6766-2 and -3 had low recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for

the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the samples were not reextracted.

Samples WV6701-2, 4 and 11 had low recoveries for the extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. The samples were reextracted twenty days out of hold time and reanalyzed. The reextracted samples WV6701-2RE, 4RE and 11RE also had low recoveries for OTP. The results for both analyses are included in the report.

The target range PRO may have been detected above the MDL but below the MDL in some method blanks. Any PRO that was also detected in any of the associated samples was flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The matrix spike sample, WG24127-3, had a high PRO recovery, which was outside of the method acceptance limits. Since the recoveries were acceptable in the associated LCS and MSD, WG24127-2 and 4, respectively, the associated samples were not reextracted.

The CV standards (files CWA2120, CWA2132, CWA2145, CWA2158, CWA2162 and CWA2176) had low and/or high responses for one or more of the individual hydrocarbons, which resulted in %D's that were outside of the method acceptance limits of 25%. Since the method requirement applies to only the PRO range response, which was acceptable in all CV's, the associated samples were not reanalyzed.

504.1 Analysis

Samples WV6688-1, 2, WV6701-8 and 9 had low recoveries for the surrogate TCX on channel A, which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were acceptable on channel B, the samples were not reextracted.

Sample WV6766-3 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. The sample was reextracted and analyzed with similar results indicating a matrix effect. The results from both extractions are included in the report.

Sample WV6701-7 had high recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and the sample did not detect 1,2-dibromoethane above the PQL, the sample was not reextracted.

Samples WV6701-2, 4 and 11 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Based on the appearance of the extracts after completing the extraction process, the low recoveries are likely due to a matrix effect and were therefore not reextracted.

Sample WV6701-11 was extracted within the 14 day holding time. The sample was deliberately not analyzed until all of the other samples were analyzed in order to avoid a possible instrument problem. This resulted in this sample being analyzed 4 days out of hold time. Also, the surrogate for sample WV6701-11 on channel A did not elute within the laboratories established retention time

window. Therefore, the peak was manually assigned and is flagged with the qualifier "*" on the form 8. The retention time on channel B was acceptable.

The opening calibration verification standard (CV) (file 3VL1212) had a low response for the surrogate TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed..

The closing CV (files 3VL1236 and 3VL2236) had low responses for the surrogate TCX on both channels, which resulted in %D's that were outside of the method acceptance limits of 30%.

The closing CV (file 3WA2043) had a high response for the surrogate TCX on channel B, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

8270C SIM Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are nominal limits for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this analyte was not detected above the MDL in the associated samples, the samples were not reanalyzed.

The calibration verification standards (CV) (file K1268 and K1329) had high responses for the calibration check compound (CCC) di-n-octylphthalate, which resulted in %D's that were outside

the method acceptance limit of 20%. Since a high response would indicate a high bias and this target analyte was not detected above the PQL, the associated samples were not reanalyzed.

8082 Analysis

The method blank, WG23986-1, the laboratory control sample, WG23986-2, samples WV6688-1, 3, 4, WV6701-8, 9, 10, 11, WV6766-1 through 3, and 5 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 23, 24 or 27 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples (with the exception of WV6766-1 and 5) were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The method blank, WG24714-1, laboratory control sample WG24714-2 and laboratory control sample duplicate WG24698-3 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since these samples were associated with reextracted samples, no further corrective action was taken.

The closing calibration verification standards (CV's) (files 6VL3097 and 6VL4097) had low responses for DCB on both channels and low responses for Aroclor 1016, Aroclor 1260 and TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The calibration verification standard (CV) (files 6WA2002) had a low response for DCB on channel B, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6VL3097, 6WA1027, 6WA2027, 6WA1084, 6WA2084, 6WA3072, 6WA4072, 6WA3110 and 6WA4110) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of DCB for file 6VL3097 and TCX for file 6WA3072, which were low, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

8081 Analysis

Samples WV6688-1, WV6701-2, 4, 8, 9 and 11 and WV6766-2 and 3 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 24, 25 or 28 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The method blank, WG23986-1, the laboratory control sample, WG23986-2, samples WV6688-1, 3, 4, WV6701-8, 9, 10, 11, WV6766-1 through 3, and 5 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 23, 24 or 27 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples (with the exception of WV6766-1

and 5) were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The opening CV (file 8WA1136) had high responses for gamma-BHC, heptachlor, beta-BHC and TCX on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 8WA1159) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The opening CV (file 8WA1057) had a high response for TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all of the responses on the confirmation channel were within the acceptance limits, the associated samples were not reanalyzed.

The closing/opening CV (files 8WA1198 and 8WA2198) had high responses for 4,4'-DDD, endrin aldehyde and DCB on channel A, a low response for 4,4'-DDT on channel A, a low response for heptachlor epoxide on channel B, and high responses for endrin ketone on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, with the exception of endrin ketone, and endrin ketone was not detected in any samples above the MDL, the associated samples were not reanalyzed.

The closing CV (files 8WA1222 and 8WA2222) had a high response endosulfan sulfate on channel A and high responses for endrin aldehyde and endrin ketone on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening CV (file 8WA3151) had a low response for alpha-BHC on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA3172 and 8WA4172) had low responses gamma-BHC, heptachlor, delta-BHC and methoxychlor on channel A and low responses for alpha-BHC on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

Some of the samples and the associated QC were put through a sulfur cleanup according to SW846 method 3660 using the copper powder technique. The cleanup had little or no effect on removing the sulfur. Consequently, some of the samples may have sulfur interference affecting the quantitation of target analytes. The results of the first analysis have been reported.

There were no other protocol deviations or observations noted by the organics laboratory staff.

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2663 | PAGE 1 OF 2

PROJECT NO: N00007	FACILITY: PEW 44	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin Analytical; Andrea Cabby
SAMPLERS (SIGNATURE) Matt D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER Fedex 8532 2422 2167		CITY, STATE Westbrook Me 04092

STANDARD TAT ☒
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DATE 2005 YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260 TCL VOC	540.1 EDB	FL-PRO	8270 TCL SVOC/PAHs	8081/8082 PEST/PCB	TAL Metals	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	
		PRESERVATIVE USED							HCl	HCl	HCl	4°	4°	HNO3	
12/14	0910	44GW1401	PEW44 14	6	14	GW	G	12	3	2	2	2	2	1	
12/14	0920	44GW1101	PEW44 11	6	14	GW	G	12	3	2	2	2	2	1	
12/14	0935	44GW1001	PEW44 10	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1036	44GW0901	PEW44 09	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1030	44GW0901 MS	PEW44 09	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1030	44GW0901 MSD	PEW44 09	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1050	44GW1901	PEW 44-19	64	74	GW	G	12	3	2	2	2	2	1	
12/14	1130	44TB1214	QA	—	—	QC	G	2	2	—	—	—	—	—	
12/14	1300	44GW1801	PEW 44-18	64	74	GW	G	12	3	2	2	2	2	1	
12/14	1350	44GW1301	PEW 4413	4	14	GW	G	12	3	2	2	2	2	1	
12/14	1400	44GW1501	PEW 4415	4	14	GW	G	12	3	2	2	2	2	1	
12/14	1425	44GW1201	PEW 4412	4	14	GW	G	12	3	2	2	2	2	1	
12/14	1450	3221GW0601	3221 mw06	4	14	GW	G	12	3	2	2	2	2	1	

1. RELINQUISHED BY Matt D. Olson	DATE 12-14-05	TIME 1815	1. RECEIVED BY	DATE 12/15/05	TIME 0720
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
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PROJECT NO: N00007	FACILITY: PEW 44	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899
SAMPLERS (SIGNATURE) Matt D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681
		CARRIER/WAYBILL NUMBER FedEx 8532 2422 2167	

LABORATORY NAME AND CONTACT: KATAHDIN - Andrea Colby
ADDRESS 340 County Rd #5
CITY, STATE Westbrook ME 04092

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DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260 TCL VOC	8504.1 EDB	FL-PRO	8270 TCL SVOC/PAHs	8081/8082 Pest/PCB	TAL metals	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	
		PRESERVATIVE USED							HCL	HCL	HCL	4°	4°	HNO3	
12/14	1400	44GW1501D	PEW 44-15	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1530	3221GW0201	3221 MW02	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1540	44RB1214	QA	—	—	QC	G	12	3	2	2	2	2	1	
12/14	1620	3221GW0301	3221 MW03	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1625	3221GW0101	3221 MW01	6	14	GW	G	12	3	2	2	2	2	1	

1. RELINQUISHED BY Matt D. Olson	DATE 12-14-05	TIME 1815	1. RECEIVED BY	DATE 12/15/05	TIME 0920
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46 /OU1	G. Walker	850 385 9899	Katahdin i Andrea Coby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson	Bill Olson	850 210 3681	340 County Rd #5

CARRIER/WAYBILL NUMBER	CITY, STATE
Fedex 8560 3460 8559	Westrook Me

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	Select metals	TCLVOC 8260	TCLSVOC/PAHs 8270	504.1 EDB	FL-PRO	TAL metals	8081/8082 PEST PCB		COMMENTS
12/16	1814	PEW-OU1-PZ07B-07	PZ07B	6	20	GW	G	1	1	—	—	—	—	—	—		
12/17	0845	46GW1101	PEW 46-11	3.5	14	GW	G	12	—	3	2	2	2	1	2		
12/17	0906	46GW1201	PEW 46-12	4	48	GW	G	12	—	3	2	2	2	1	2		
12/17	1100	46GW0901	PEW46 09	4	14	GW	G	12	—	3	2	2	2	1	2		
12/17	1100	46GW1001	PEW46 10	5	45	GW	G	12	—	3	2	2	2	1	2		
12/17	1230	46RB1217	QA	—	—	QA	G	12	—	3	2	2	2	1	2		
12/17	1230	46TB1217	QA	—	—	QA	G	2	—	2	—	—	—	—	—		
12/17	0920	46GW1301	46-13														
12/17	0915	46GW1401	46-14														
12/17	0915	46GW1401D	46-14														
12/17	1120	46GW1501	46-15														
12/17	1202	46GW1601	46-15														

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Matt D. Olson	12/17/05	1400	1. RECEIVED BY [signature]	12/19/05	1120
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

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PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. WALKER	PHONE NUMBER 850 385-9899
SAMPLERS (SIGNATURE) Matt D. Olson		FIELD OPERATIONS LEADER Bill OLSON	PHONE NUMBER 850 210-3681
		CARRIER/WAYBILL NUMBER Fedex 8560 3460 8560	

LABORATORY NAME AND CONTACT: KATAHDIN; Andrea Colby
ADDRESS: 340 County Rd #5
CITY, STATE: West brook ME

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DATE 2005 YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC 8260	504.1 EDB	FL-PRO	8081/8082 PEST/PCB	8270 TCL SVOC/PAHs	TAL metals			COMMENTS
CONTAINER TYPE PLASTIC (P) or GLASS (G)									G	G	G	G	G	P			
PRESERVATIVE USED									HCL	HCL	HCL	4°	4°	HNO3			
12/18	0852	46GW0101	PEW46-01	3	13	GW	G	12	3	2	2	2	2	1			
12/18	1003	46GW0201	PEW46-02	40	50	GW	G	12	3	2	2	2	2	1			
12/18	1136	46GW0801	PEW46-08	40	50	GW	G	12	3	2	2	2	2	1			
12/18	1145	46GW0701	PEW46-07	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0936	46GW0301	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0930	46GW0301MS	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0930	46GW0301MSD	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0945	46GW0401	PEW46-04	40	50	GW	G	12	3	2	2	2	2	1			
12/18	1205	46GW0501	PEW46-05	3	13	GW	G	12	3	2	2	2	2	1			
12/18	1205	46GW0601	PEW46-06	3	13	GW	G	12	3	2	2	2	2	1			
12/18	1230	46TB1218	QA	—	—	QA	G	2	2	—	—	—	—	—			

1. RELINQUISHED BY Matt D Olson	DATE 12/19/05	TIME 1730	1. RECEIVED BY	DATE 12/20/05	TIME 1110
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3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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PROJECT NO: N00007	FACILITY: PEW45 R1	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin: Andrea Colby
SAMPLERS (SIGNATURE) Mitch D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FEDEX 8560 3460 8560		CITY, STATE Westbrook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	G	G	G	G	G	P			
		TYPE OF ANALYSIS							PRESERVATIVE USED	HCL	HCL	HCL	4°	4°	HNO3			COMMENTS
									TCL VOC 8260	SOM.I EDB	FL-PRO	8170 TCL SVOC/PAH	8081/8082 PEST/PCB	TAL METALS				
12/19	0845	45GW0401	PEW45 04	3	13	GW	G	12	3	2	2	2	2	1				
12/19	0845	45GW0401MS	PEW45 04	3	13	GW	G	12	3	2	2	2	2	1				
12/19	0845	45GW0401MSD	PEW45 04	3	13	GW	G	12	3	2	2	2	2	1				
12/19	0900	45TB1219	QC	—	—	QC	G	2	—									
12/19	1120	45GW0501	PEW45 05	3	13	GW	G	12	3	2	2	2	2	1				
12/19	1240	18GW0201	PEW18 02	3	13	GW	G	12	3	2	2	2	2	1				
12/19	1340	45RB1219	QC	—	—	QC	G	12	3	2	2	2	2	1				
12/19	0903	45GW0601	PEW45 06	3	13	GW	G	12	3	2	2	2	2	1				
12/19	1045	45GW0701	PEW45 07	40	50	GW	G	12	3	2	2	2	2	1				
12/19	1320	45GW1201	PEW45 12	3	13	GW	G	12	3	2	2	2	2	1				
12/19	1630	45GW1301	PEW45 13	40	60	GW	G	12	3	2	2	2	2	1				

1. RELINQUISHED BY Mitch D. Olson	DATE 12-19-05	TIME 1730	1. RECEIVED BY	DATE 12/20/05	TIME 1110
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2667 | PAGE ___ OF ___

PROJECT NO: N60007	FACILITY: PEN 45 RI	PROJECT MANAGER G. WALKER	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin: Andrea Colby
SAMPLERS (SIGNATURE) Wm D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FEDEX 8566 3466 8566		CITY, STATE WEST Brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)									
									G	G	G	G	G	P	P			
									PRESERVATIVE USED						HNO3	H2SO4		
									TYPE OF ANALYSIS: TCL SVOC	504.1 EDB	FL-PRO	8270 TCL SVOC/PAH	8081/8082 PEST/PCB	TAL METALS	Fe			COMMENTS
12/19	0855	45GW1001				GW	G	12	3	2	2	2	2	1				
12/19	1100	45GW1101				GW	G	12	3	2	2	2	2	1				
12/18	1730	PEN-041-PZ01-07				GW	G	1							1			
12/18	1615	PEN-041-MW02A-07				GW	G	1							1			
12/18	1640	PEN-041-MW02-07				GW	G	1							1			
12/19	1320	186W0401				GW	G	12	3	2	2	2	2	1				
12/19	1255	45GW0801				GW	G	12	3	2	2	2	2	1				
12/19	1255	45GW0801D				GW	G	12	3	2	2	2	2	1				
12/19	1640	45GW0901				GW	G	12	3	2	2	2	2	1				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY			1. RECEIVED BY	12/20/05	1110
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24245-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: F0097 Lab Sample ID: WG24245-2

Date Analyzed: 12/28/05 Time Analyzed: 1044

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24245-LCS	WG24245-1	F0095	12/28/05	0925
02	46GW0101	WV6766-1	F0106	12/28/05	1558
03	46GW0201	WV6766-2	F0107	12/28/05	1632
04					
05					
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07					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 28-DEC-2005 10:44
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24245-2
Client ID: WG24245-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000023

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24245-1
Client ID: WG24245-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	59		118	4-217
Chloromethane	50	NA	53		106	40-163
Vinyl chloride	50	NA	53		106	55-151
Bromomethane	50	NA	55		110	24-217
Chloroethane	50	NA	54		108	69-134
Trichlorofluoromethane	50	NA	58		116	71-147
Diethyl Ether	50	NA	46		93	67-135
Tertiary-butyl alcohol	250	NA	284		114	58-146
1,1-Dichloroethene	50	NA	51		102	78-136
Carbon Disulfide	50	NA	47		93	70-136
Freon-113	50	NA	44		87	60-140
Iodomethane	50	NA	53		106	60-140
Acrolein	250	NA	258		103	0-199
Methylene Chloride	50	NA	52		103	52-115
Acetone	50	NA	52		104	0-158
Isobutyl Alcohol	1000	NA	913		91	60-140
trans-1,2-Dichloroethene	50	NA	52		104	84-131
Allyl Chloride	50	NA	49		98	60-140
Methyl tert-butyl ether	100	NA	112		112	62-130
Acetonitrile	500	NA	700		140	53-141
Di-isopropyl ether	50	NA	52		104	82-130
Chloroprene	50	NA	52		104	60-140
Methacrylonitrile	500	NA	532		106	60-140
Propionitrile	500	NA	524		105	60-140
1,1-Dichloroethane	50	NA	53		105	81-134
Acrylonitrile	250	NA	254		102	29-172
Ethyl tertiary-butyl ether	50	NA	52		105	85-124
Vinyl Acetate	50	NA	50		99	68-174
cis-1,2-Dichloroethene	50	NA	52		103	84-123
1,2-Dichloroethylene (total)	100	NA	104		104	84-131
Methyl Methacrylate	50	NA	55		110	60-140
2,2-Dichloropropane	50	NA	55		111	69-150
Bromochloromethane	50	NA	55		110	77-146
Chloroform	50	NA	55		109	80-130
Carbon Tetrachloride	50	NA	51		102	74-137
Tetrahydrofuran	50	NA	52		105	32-140
1,1,1-Trichloroethane	50	NA	56		112	76-138
1,1-Dichloropropene	50	NA	54		107	82-120
2-Butanone	50	NA	96	*	192	49-154
Benzene	50	NA	51		102	88-120
Cyclohexane	50	NA	55		110	60-140
Ethyl Methacrylate	50	NA	51		103	60-140
Tertiary-amyl methyl ether	50	NA	54		107	85-125
1,2-Dichloroethane	50	NA	56		112	78-138
Trichloroethene	50	NA	55		109	80-125

FORM III VOA-1
F0095.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24245-1
Client ID: WG24245-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	55		110	88-130
1,2-Dichloropropane	50	NA	53		106	80-122
Bromodichloromethane	50	NA	55		110	83-133
cis-1,3-dichloropropene	50	NA	55		110	81-138
1,4-Dioxane	1000	NA	0.00	*	0	60-140
2-Chloroethylvinylether	50	NA	42		83	50-211
Toluene	50	NA	51		103	88-121
4-methyl-2-pentanone	50	NA	54		109	72-140
Tetrachloroethene	50	NA	52		103	77-129
trans-1,3-Dichloropropene	50	NA	62		123	81-149
1,1,2-Trichloroethane	50	NA	53		105	82-126
Dibromochloromethane	50	NA	54		107	80-133
1,3-Dichloropropane	50	NA	54		108	86-125
1,2-Dibromoethane	50	NA	55		110	88-127
2-Hexanone	50	NA	54		109	45-146
Chlorobenzene	50	NA	52		104	84-123
Ethylbenzene	50	NA	52		103	84-134
1,1,1,2-Tetrachloroethane	50	NA	55		110	83-130
Xylenes (total)	150	NA	144		96	88-123
m+p-Xylenes	100	NA	96		96	88-122
o-Xylene	50	NA	48		96	90-123
Styrene	50	NA	48		96	87-131
Bromoform	50	NA	57		114	77-138
Isopropylbenzene	50	NA	52		105	88-125
cis-1,4-Dichloro-2-Butene	50	NA	58		115	60-140
trans-1,4-Dichloro-2-Butene	50	NA	58		116	60-140
Bromobenzene	50	NA	50		100	84-133
N-Propylbenzene	50	NA	53		105	88-124
1,1,2,2-Tetrachloroethane	50	NA	52		104	81-131
1,3,5-Trimethylbenzene	50	NA	42	*	85	89-124
2-Chlorotoluene	50	NA	52		105	84-128
1,2,3-Trichloropropane	50	NA	50		100	76-132
4-Chlorotoluene	50	NA	44		89	86-132
tert-Butylbenzene	50	NA	53		107	82-131
Pentachloroethane	50	NA	52		105	60-140
1,2,4-Trimethylbenzene	50	NA	44	*	87	88-121
P-Isopropyltoluene	50	NA	44		87	86-122
1,3-Dichlorobenzene	50	NA	43		86	86-124
1,4-Dichlorobenzene	50	NA	43		85	80-127
N-Butylbenzene	50	NA	43		85	81-133
sec-Butylbenzene	50	NA	44		88	85-122
1,2-Dichlorobenzene	50	NA	42	*	83	86-126
1,2-Dibromo-3-Chloropropane	50	NA	53		106	61-136
1,3,5-Trichlorobenzene	50	NA	45		90	67-128
Hexachlorobutadiene	50	NA	40		80	52-129

FORM III VOA-1
F0095.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24245-1
Client ID: WG24245-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24245
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53	106	53-157
1,2,3-Trimethylbenzene	50	NA	45	90	60-140
Naphthalene	50	NA	47	94	45-151
1,2,3-Trichlorobenzene	50	NA	50	99	30-164
Methyl Acetate	50	NA	52	104	60-140
Methylcyclohexane	50	NA	49	99	60-140

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24249-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: M0905 Lab Sample ID: WG24249-2

Date Analyzed: 12/28/05 Time Analyzed: 1143

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24249-LCS	WG24249-1	M0903	12/28/05	1026
02	46GW1401	WV6701-8	M0914	12/28/05	1709
03	46GW1401D	WV6701-9	M0915	12/28/05	1744
04	46GW1501	WV6701-10	M0916	12/28/05	1820
05					
06					
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30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 28-DEC-2005 11:43
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24249-2
Client ID: WG24249-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		109%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24249-1
Client ID: WG24249-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	78		156	0-183
Chloromethane	50	NA	61		123	35-145
Vinyl chloride	50	NA	53		106	43-136
Bromomethane	50	NA	61		123	57-139
Chloroethane	50	NA	55		110	48-132
Trichlorofluoromethane	50	NA	61		122	52-126
Diethyl Ether	50	NA	44		87	65-151
Tertiary-butyl alcohol	250	NA	177		71	55-138
1,1-Dichloroethene	50	NA	49		98	88-123
Carbon Disulfide	50	NA	48		95	63-105
Freon-113	50	NA	45		90	80-125
Iodomethane	50	NA	58		115	52-165
Acrolein	250	NA	223		89	62-117
Methylene Chloride	50	NA	48		96	79-122
Acetone	50	NA	54		107	65-156
Isobutyl Alcohol	1000	NA	556		56	45-126
trans-1,2-Dichloroethene	50	NA	52		103	83-121
Allyl Chloride	50	NA	45		90	67-133
Methyl tert-butyl ether	100	NA	92		92	68-127
Acetonitrile	500	NA	323	*	65	75-122
Di-isopropyl ether	50	NA	47		94	82-124
Chloroprene	50	NA	44		88	69-128
Methacrylonitrile	500	NA	433		87	78-126
Propionitrile	500	NA	405		81	77-126
1,1-Dichloroethane	50	NA	47		93	80-118
Acrylonitrile	250	NA	211		84	65-128
Ethyl tertiary-butyl ether	50	NA	45		90	84-120
Vinyl Acetate	50	NA	44		89	77-151
cis-1,2-Dichloroethene	50	NA	46		92	85-113
1,2-Dichloroethylene (total)	100	NA	98		98	85-116
Methyl Methacrylate	50	NA	48		95	73-119
2,2-Dichloropropane	50	NA	48		95	67-134
Bromochloromethane	50	NA	51		102	85-111
Chloroform	50	NA	48		95	81-112
Carbon Tetrachloride	50	NA	57		113	79-119
Tetrahydrofuran	50	NA	36		72	66-125
1,1,1-Trichloroethane	50	NA	50		100	79-113
1,1-Dichloropropene	50	NA	57		115	82-121
2-Butanone	50	NA	78		155	97-179
Benzene	50	NA	52		104	83-117
Cyclohexane	50	NA	58		116	60-140
Ethyl Methacrylate	50	NA	50		100	75-116
Tertiary-amyl methyl ether	50	NA	43	*	86	88-117
1,2-Dichloroethane	50	NA	56	*	113	76-108
Trichloroethene	50	NA	52		105	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24249-1
Client ID: WG24249-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	49		98	76-132
1,2-Dichloropropane	50	NA	48		97	82-110
Bromodichloromethane	50	NA	50	*	99	78- 98
cis-1,3-dichloropropene	50	NA	53		107	85-114
1,4-Dioxane	1000	NA	676		68	34-126
2-Chloroethylvinylether	50	NA	49		98	3-152
Toluene	50	NA	58		117	84-121
4-methyl-2-pentanone	50	NA	48		96	67-124
Tetrachloroethene	50	NA	52		103	73-112
trans-1,3-Dichloropropene	50	NA	60		120	91-120
1,1,2-Trichloroethane	50	NA	46		92	79-117
Dibromochloromethane	50	NA	49		99	87-112
1,3-Dichloropropane	50	NA	46		91	87-113
1,2-Dibromoethane	50	NA	53		106	83-110
2-Hexanone	50	NA	44		87	77-122
Chlorobenzene	50	NA	46		93	84-117
Ethylbenzene	50	NA	52		104	81-115
1,1,1,2-Tetrachloroethane	50	NA	51		102	86-109
Xylenes (total)	150	NA	136		91	85-120
m+p-Xylenes	100	NA	86	*	86	87-119
o-Xylene	50	NA	50		99	78-125
Styrene	50	NA	51		103	82-107
Bromoform	50	NA	48		96	75-111
Isopropylbenzene	50	NA	54		108	75-132
cis-1,4-Dichloro-2-Butene	50	NA	49		97	60-150
trans-1,4-Dichloro-2-Butene	50	NA	49		98	68-124
Bromobenzene	50	NA	51		102	84-115
N-Propylbenzene	50	NA	52		105	85-118
1,1,2,2-Tetrachloroethane	50	NA	44		87	81-116
1,3,5-Trimethylbenzene	50	NA	56		112	79-117
2-Chlorotoluene	50	NA	54		107	85-118
1,2,3-Trichloropropane	50	NA	47		93	81-112
4-Chlorotoluene	50	NA	47		95	88-114
tert-Butylbenzene	50	NA	48		95	68-125
Pentachloroethane	50	NA	47		95	40-168
1,2,4-Trimethylbenzene	50	NA	49		98	78-112
P-Isopropyltoluene	50	NA	51		103	77-116
1,3-Dichlorobenzene	50	NA	51		102	84-113
1,4-Dichlorobenzene	50	NA	52		103	83-110
N-Butylbenzene	50	NA	47		95	81-113
sec-Butylbenzene	50	NA	53		106	81-115
1,2-Dichlorobenzene	50	NA	49		98	84-114
1,2-Dibromo-3-Chloropropane	50	NA	46		91	72-112
1,3,5-Trichlorobenzene	50	NA	55		110	61-151
Hexachlorobutadiene	50	NA	55		110	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO NO:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24249-1
Client ID: WG24249-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24249
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	47	93	59-123
1,2,3-Trimethylbenzene	50	NA	52	104	87-110
Naphthalene	50	NA	43	86	36-143
1,2,3-Trichlorobenzene	50	NA	46	92	53-100
Methyl Acetate	50	NA	40	79	58-112
Methylcyclohexane	50	NA	47	94	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24290-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: M0930 Lab Sample ID: WG24290-2

Date Analyzed: 12/29/05 Time Analyzed: 1404

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24290-LCS	WG24290-1	M0926	12/29/05	1101
02	46GW1601	WV6701-11DL2	M0931	12/29/05	1447
03					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 29-DEC-2005 14:04
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24290-2
Client ID: WG24290-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	88		177	0-183
Chloromethane	50	NA	67		135	35-145
Vinyl chloride	50	NA	60		121	43-136
Bromomethane	50	NA	63		126	57-139
Chloroethane	50	NA	57		114	48-132
Trichlorofluoromethane	50	NA	66	*	133	52-126
Diethyl Ether	50	NA	56		111	65-151
Tertiary-butyl alcohol	250	NA	192		77	55-138
1,1-Dichloroethene	50	NA	52		103	88-123
Carbon Disulfide	50	NA	50		100	63-105
Freon-113	50	NA	54		108	80-125
Iodomethane	50	NA	60		120	52-165
Acrolein	250	NA	239		96	62-117
Methylene Chloride	50	NA	54		109	79-122
Acetone	50	NA	49		98	65-156
Isobutyl Alcohol	1000	NA	813		81	45-126
trans-1,2-Dichloroethene	50	NA	54		108	83-121
Allyl Chloride	50	NA	53		107	67-133
Methyl tert-butyl ether	100	NA	103		103	68-127
Acetonitrile	500	NA	450		90	75-122
Di-isopropyl ether	50	NA	50		100	82-124
Chloroprene	50	NA	54		108	69-128
Methacrylonitrile	500	NA	476		95	78-126
Propionitrile	500	NA	448		90	77-126
1,1-Dichloroethane	50	NA	55		111	80-118
Acrylonitrile	250	NA	274		110	65-128
Ethyl tertiary-butyl ether	50	NA	51		102	84-120
Vinyl Acetate	50	NA	42		85	77-151
cis-1,2-Dichloroethene	50	NA	52		104	85-113
1,2-Dichloroethylene (total)	100	NA	106		106	85-116
Methyl Methacrylate	50	NA	43		86	73-119
2,2-Dichloropropane	50	NA	51		102	67-134
Bromochloromethane	50	NA	52		105	85-111
Chloroform	50	NA	55		110	81-112
Carbon Tetrachloride	50	NA	53		105	79-119
Tetrahydrofuran	50	NA	40		80	66-125
1,1,1-Trichloroethane	50	NA	53		107	79-113
1,1-Dichloropropene	50	NA	51		101	82-121
2-Butanone	50	NA	72		143	97-179
Benzene	50	NA	52		105	83-117
Cyclohexane	50	NA	62		124	60-140
Ethyl Methacrylate	50	NA	53		105	75-116
Tertiary-amyl methyl ether	50	NA	49		99	88-117
1,2-Dichloroethane	50	NA	52		103	76-108
Trichloroethene	50	NA	48		96	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	50		100	76-132
1,2-Dichloropropane	50	NA	48		96	82-110
Bromodichloromethane	50	NA	50	*	99	78- 98
cis-1,3-dichloropropene	50	NA	52		103	85-114
1,4-Dioxane	1000	NA	923		92	34-126
2-Chloroethylvinylether	50	NA	43		86	3-152
Toluene	50	NA	50		100	84-121
4-methyl-2-pentanone	50	NA	48		95	67-124
Tetrachloroethene	50	NA	50		101	73-112
trans-1,3-Dichloropropene	50	NA	58		116	91-120
1,1,2-Trichloroethane	50	NA	48		96	79-117
Dibromochloromethane	50	NA	46		92	87-112
1,3-Dichloropropane	50	NA	45		90	87-113
1,2-Dibromoethane	50	NA	50		100	83-110
2-Hexanone	50	NA	48		96	77-122
Chlorobenzene	50	NA	49		97	84-117
Ethylbenzene	50	NA	53		106	81-115
1,1,1,2-Tetrachloroethane	50	NA	48		97	86-109
Xylenes (total)	150	NA	141		94	85-120
m+p-Xylenes	100	NA	94		94	87-119
o-Xylene	50	NA	48		96	78-125
Styrene	50	NA	55	*	110	82-107
Bromoform	50	NA	51		102	75-111
Isopropylbenzene	50	NA	57		114	75-132
cis-1,4-Dichloro-2-Butene	50	NA	51		101	60-150
trans-1,4-Dichloro-2-Butene	50	NA	54		109	68-124
Bromobenzene	50	NA	55		111	84-115
N-Propylbenzene	50	NA	49		98	85-118
1,1,2,2-Tetrachloroethane	50	NA	52		104	81-116
1,3,5-Trimethylbenzene	50	NA	65	*	130	79-117
2-Chlorotoluene	50	NA	51		102	85-118
1,2,3-Trichloropropane	50	NA	56		112	81-112
4-Chlorotoluene	50	NA	48		96	88-114
tert-Butylbenzene	50	NA	55		110	68-125
Pentachloroethane	50	NA	58		116	40-168
1,2,4-Trimethylbenzene	50	NA	53		107	78-112
P-Isopropyltoluene	50	NA	56		112	77-116
1,3-Dichlorobenzene	50	NA	58	*	117	84-113
1,4-Dichlorobenzene	50	NA	53		105	83-110
N-Butylbenzene	50	NA	54		107	81-113
sec-Butylbenzene	50	NA	56		112	81-115
1,2-Dichlorobenzene	50	NA	58	*	116	84-114
1,2-Dibromo-3-Chloropropane	50	NA	57	*	114	72-112
1,3,5-Trichlorobenzene	50	NA	59		119	61-151
Hexachlorobutadiene	50	NA	58		115	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	54		107	59-123
1,2,3-Trimethylbenzene	50	NA	52		104	87-110
Naphthalene	50	NA	46		92	36-143
1,2,3-Trichlorobenzene	50	NA	58	*	115	53-100
Methyl Acetate	50	NA	46		93	58-112
Methylcyclohexane	50	NA	54		107	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24177-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: S8108 Lab Sample ID: WG24177-2

Date Analyzed: 12/23/05 Time Analyzed: 1305

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24177-LCS	WG24177-3	S8106	12/23/05	1159
02	3221GW0201	WV6688-1	S8115	12/23/05	1656
03	44RB1214	WV6688-2	S8116	12/23/05	1729
04	3221GW0301	WV6688-3	S8117	12/23/05	1802
05	3221GW0101	WV6688-4	S8118	12/23/05	1834
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 23-DEC-2005 13:05
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24177-2
Client ID: WG24177-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		99%				

Sample Data Summary A0000026

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24177-3
Client ID: WG24177-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	58	117	0-183
Chloromethane	50	NA	47	94	35-145
Vinyl chloride	50	NA	50	100	43-136
Bromomethane	50	NA	55	110	57-139
Chloroethane	50	NA	53	106	48-132
Trichlorofluoromethane	50	NA	52	104	52-126
Diethyl Ether	50	NA	50	99	65-151
Tertiary-butyl alcohol	250	NA	334	134	55-138
1,1-Dichloroethene	50	NA	46	93	88-123
Carbon Disulfide	50	NA	44	88	63-105
Freon-113	50	NA	48	96	80-125
Iodomethane	50	NA	48	95	52-165
Acrolein	250	NA	178	71	62-117
Methylene Chloride	50	NA	47	94	79-122
Acetone	50	NA	49	98	65-156
Isobutyl Alcohol	1000	NA	1210	121	45-126
trans-1,2-Dichloroethene	50	NA	46	93	83-121
Allyl Chloride	50	NA	51	101	67-133
Methyl tert-butyl ether	100	NA	102	102	68-127
Acetonitrile	500	NA	502	100	75-122
Di-isopropyl ether	50	NA	51	102	82-124
Chloroprene	50	NA	51	102	69-128
Methacrylonitrile	500	NA	514	103	78-126
Propionitrile	500	NA	516	103	77-126
1,1-Dichloroethane	50	NA	48	96	80-118
Acrylonitrile	250	NA	258	103	65-128
Ethyl tertiary-butyl ether	50	NA	53	106	84-120
Vinyl Acetate	50	NA	41	83	77-151
cis-1,2-Dichloroethene	50	NA	48	95	85-113
1,2-Dichloroethylene (total)	100	NA	94	94	85-116
Methyl Methacrylate	50	NA	49	98	73-119
2,2-Dichloropropane	50	NA	49	99	67-134
Bromochloromethane	50	NA	48	95	85-111
Chloroform	50	NA	47	94	81-112
Carbon Tetrachloride	50	NA	52	103	79-119
Tetrahydrofuran	50	NA	48	95	66-125
1,1,1-Trichloroethane	50	NA	49	97	79-113
1,1-Dichloropropene	50	NA	50	100	82-121
2-Butanone	50	NA	78	157	97-179
Benzene	50	NA	48	97	83-117
Cyclohexane	50	NA	52	105	60-140
Ethyl Methacrylate	50	NA	50	99	75-116
Tertiary-amyl methyl ether	50	NA	52	104	88-117
1,2-Dichloroethane	50	NA	48	97	76-108
Trichloroethene	50	NA	46	92	85-118

FORM III VOA-1
S8106.D

Sample Data Summary A0000041

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24177-3
Client ID: WG24177-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	48	96	76-132
1,2-Dichloropropane	50	NA	48	96	82-110
Bromodichloromethane	50	NA	47	94	78- 98
cis-1,3-dichloropropene	50	NA	51	101	85-114
1,4-Dioxane	1000	NA	980	98	34-126
2-Chloroethylvinylether	50	NA	48	96	3-152
Toluene	50	NA	49	98	84-121
4-methyl-2-pentanone	50	NA	52	103	67-124
Tetrachloroethene	50	NA	49	98	73-112
trans-1,3-Dichloropropene	50	NA	54	108	91-120
1,1,2-Trichloroethane	50	NA	48	96	79-117
Dibromochloromethane	50	NA	50	101	87-112
1,3-Dichloropropane	50	NA	50	99	87-113
1,2-Dibromoethane	50	NA	50	101	83-110
2-Hexanone	50	NA	52	103	77-122
Chlorobenzene	50	NA	48	97	84-117
Ethylbenzene	50	NA	49	98	81-115
1,1,1,2-Tetrachloroethane	50	NA	50	101	86-109
Xylenes (total)	150	NA	150	100	85-120
m+p-Xylenes	100	NA	100	100	87-119
o-Xylene	50	NA	51	101	78-125
Styrene	50	NA	51	102	82-107
Bromoform	50	NA	49	98	75-111
Isopropylbenzene	50	NA	56	112	75-132
cis-1,4-Dichloro-2-Butene	50	NA	52	104	60-150
trans-1,4-Dichloro-2-Butene	50	NA	53	105	68-124
Bromobenzene	50	NA	49	98	84-115
N-Propylbenzene	50	NA	51	101	85-118
1,1,2,2-Tetrachloroethane	50	NA	50	100	81-116
1,3,5-Trimethylbenzene	50	NA	51	102	79-117
2-Chlorotoluene	50	NA	49	98	85-118
1,2,3-Trichloropropane	50	NA	49	97	81-112
4-Chlorotoluene	50	NA	50	100	88-114
tert-Butylbenzene	50	NA	53	105	68-125
Pentachloroethane	50	NA	57	114	40-168
1,2,4-Trimethylbenzene	50	NA	50	101	78-112
P-Isopropyltoluene	50	NA	54	107	77-116
1,3-Dichlorobenzene	50	NA	48	96	84-113
1,4-Dichlorobenzene	50	NA	48	96	83-110
N-Butylbenzene	50	NA	52	103	81-113
sec-Butylbenzene	50	NA	52	103	81-115
1,2-Dichlorobenzene	50	NA	48	96	84-114
1,2-Dibromo-3-Chloropropane	50	NA	52	104	72-112
1,3,5-Trichlorobenzene	50	NA	53	106	61-151
Hexachlorobutadiene	50	NA	49	98	62-116

FORM III VOA-1
S8106.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24177-3
Client ID: WG24177-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	54		107	59-123
1,2,3-Trimethylbenzene	50	NA	52		105	87-110
Naphthalene	50	NA	56		111	36-143
1,2,3-Trichlorobenzene	50	NA	60	*	120	53-100
Methyl Acetate	50	NA	52		105	58-112
Methylcyclohexane	50	NA	51		102	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24248-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: S8146 Lab Sample ID: WG24248-3

Date Analyzed: 12/28/05 Time Analyzed: 1058

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24248-LCS	WG24248-2	S8144	12/28/05	0952
02	46TB1217	WV6701-6	S8148	12/28/05	1212
03	46RB1217	WV6701-5	S8149	12/28/05	1245
04	46GW1101	WV6701-1	S8154	12/28/05	1531
05	46GW0901	WV6701-3	S8155	12/28/05	1604
06	46GW1301	WV6701-7	S8156	12/28/05	1636
07					
08					
09					
10					
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26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 28-DEC-2005 10:58
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24248-3
Client ID: WG24248-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000027

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24248-2
Client ID: WG24248-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	54	109	0-183
Chloromethane	50	NA	44	88	35-145
Vinyl chloride	50	NA	49	98	43-136
Bromomethane	50	NA	59	117	57-139
Chloroethane	50	NA	49	99	48-132
Trichlorofluoromethane	50	NA	51	102	52-126
Diethyl Ether	50	NA	46	93	65-151
Tertiary-butyl alcohol	250	NA	276	110	55-138
1,1-Dichloroethene	50	NA	47	94	88-123
Carbon Disulfide	50	NA	43	85	63-105
Freon-113	50	NA	44	88	80-125
Iodomethane	50	NA	50	101	52-165
Acrolein	250	NA	184	74	62-117
Methylene Chloride	50	NA	46	93	79-122
Acetone	50	NA	48	95	65-156
Isobutyl Alcohol	1000	NA	1020	102	45-126
trans-1,2-Dichloroethene	50	NA	48	95	83-121
Allyl Chloride	50	NA	43	87	67-133
Methyl tert-butyl ether	100	NA	103	103	68-127
Acetonitrile	500	NA	439	88	75-122
Di-isopropyl ether	50	NA	50	99	82-124
Chloroprene	50	NA	48	96	69-128
Methacrylonitrile	500	NA	506	101	78-126
Propionitrile	500	NA	484	97	77-126
1,1-Dichloroethane	50	NA	47	94	80-118
Acrylonitrile	250	NA	253	101	65-128
Ethyl tertiary-butyl ether	50	NA	53	106	84-120
Vinyl Acetate	50	NA	39	79	77-151
cis-1,2-Dichloroethene	50	NA	48	97	85-113
1,2-Dichloroethylene (total)	100	NA	96	96	85-116
Methyl Methacrylate	50	NA	49	99	73-119
2,2-Dichloropropane	50	NA	49	99	67-134
Bromochloromethane	50	NA	49	98	85-111
Chloroform	50	NA	47	94	81-112
Carbon Tetrachloride	50	NA	52	103	79-119
Tetrahydrofuran	50	NA	46	93	66-125
1,1,1-Trichloroethane	50	NA	49	97	79-113
1,1-Dichloropropene	50	NA	49	98	82-121
2-Butanone	50	NA	80	160	97-179
Benzene	50	NA	48	95	83-117
Cyclohexane	50	NA	52	105	60-140
Ethyl Methacrylate	50	NA	52	103	75-116
Tertiary-amyl methyl ether	50	NA	54	109	88-117
1,2-Dichloroethane	50	NA	47	93	76-108
Trichloroethene	50	NA	46	91	85-118

FORM III VOA-1
S8144.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24248-2
Client ID: WG24248-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	48		97	76-132
1,2-Dichloropropane	50	NA	47		94	82-110
Bromodichloromethane	50	NA	46		92	78- 98
cis-1,3-dichloropropene	50	NA	50		100	85-114
1,4-Dioxane	1000	NA	927		93	34-126
2-Chloroethylvinylether	50	NA	48		96	3-152
Toluene	50	NA	50		99	84-121
4-methyl-2-pentanone	50	NA	54		109	67-124
Tetrachloroethene	50	NA	51		102	73-112
trans-1,3-Dichloropropene	50	NA	55		110	91-120
1,1,2-Trichloroethane	50	NA	49		99	79-117
Dibromochloromethane	50	NA	52		103	87-112
1,3-Dichloropropane	50	NA	50		99	87-113
1,2-Dibromoethane	50	NA	52		105	83-110
2-Hexanone	50	NA	54		108	77-122
Chlorobenzene	50	NA	49		98	84-117
Ethylbenzene	50	NA	49		98	81-115
1,1,1,2-Tetrachloroethane	50	NA	52		104	86-109
Xylenes (total)	150	NA	152		101	85-120
m+p-Xylenes	100	NA	100		100	87-119
o-Xylene	50	NA	52		103	78-125
Styrene	50	NA	52		103	82-107
Bromoform	50	NA	51		102	75-111
Isopropylbenzene	50	NA	58		116	75-132
cis-1,4-Dichloro-2-Butene	50	NA	55		110	60-150
trans-1,4-Dichloro-2-Butene	50	NA	54		108	68-124
Bromobenzene	50	NA	51		102	84-115
N-Propylbenzene	50	NA	51		102	85-118
1,1,2,2-Tetrachloroethane	50	NA	52		105	81-116
1,3,5-Trimethylbenzene	50	NA	52		103	79-117
2-Chlorotoluene	50	NA	51		101	85-118
1,2,3-Trichloropropane	50	NA	52		103	81-112
4-Chlorotoluene	50	NA	51		101	88-114
tert-Butylbenzene	50	NA	54		108	68-125
Pentachloroethane	50	NA	58		116	40-168
1,2,4-Trimethylbenzene	50	NA	51		102	78-112
P-Isopropyltoluene	50	NA	54		109	77-116
1,3-Dichlorobenzene	50	NA	50		99	84-113
1,4-Dichlorobenzene	50	NA	50		100	83-110
N-Butylbenzene	50	NA	51		102	81-113
sec-Butylbenzene	50	NA	52		104	81-115
1,2-Dichlorobenzene	50	NA	50		101	84-114
1,2-Dibromo-3-Chloropropane	50	NA	62	*	124	72-112
1,3,5-Trichlorobenzene	50	NA	54		109	61-151
Hexachlorobutadiene	50	NA	48		96	62-116

FORM III VOA-1
S8144.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/28/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24248-2
Client ID: WG24248-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24248
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	57		113	59-123
1,2,3-Trimethylbenzene	50	NA	54		107	87-110
Naphthalene	50	NA	66		133	36-143
1,2,3-Trichlorobenzene	50	NA	69	*	138	53-100
Methyl Acetate	50	NA	50		99	58-112
Methylcyclohexane	50	NA	50		100	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24291-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: S8168 Lab Sample ID: WG24291-2

Date Analyzed: 12/29/05 Time Analyzed: 1114

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24291-LCS	WG24291-1	S8166	12/29/05	0952
02	46GW0701	WV6766-4	S8171	12/29/05	1309
03	46GW0301	WV6766-5	S8172	12/29/05	1342
04	46GW0801	WV6766-3	S8179	12/29/05	1731
05	46GW1201	WV6701-2DL2	S8180	12/29/05	1805
06	46GW1001	WV6701-4DL2	S8181	12/29/05	1838
07	46GW0301MS	WG24291-3	S8182	12/29/05	1910
08	46GW0301MSD	WG24291-4	S8183	12/29/05	1943
09					
10					
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30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 29-DEC-2005 11:14
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24291-2
Client ID: WG24291-Blank
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24291-1
Client ID: WG24291-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	55	110	0-183
Chloromethane	50	NA	42	83	35-145
Vinyl chloride	50	NA	48	96	43-136
Bromomethane	50	NA	48	96	57-139
Chloroethane	50	NA	50	99	48-132
Trichlorofluoromethane	50	NA	52	105	52-126
Diethyl Ether	50	NA	48	95	65-151
Tertiary-butyl alcohol	250	NA	285	114	55-138
1,1-Dichloroethene	50	NA	47	95	88-123
Carbon Disulfide	50	NA	44	87	63-105
Freon-113	50	NA	49	98	80-125
Iodomethane	50	NA	41	82	52-165
Acrolein	250	NA	170	68	62-117
Methylene Chloride	50	NA	46	92	79-122
Acetone	50	NA	48	96	65-156
Isobutyl Alcohol	1000	NA	1020	102	45-126
trans-1,2-Dichloroethene	50	NA	48	96	83-121
Allyl Chloride	50	NA	44	89	67-133
Methyl tert-butyl ether	100	NA	103	103	68-127
Acetonitrile	500	NA	408	82	75-122
Di-isopropyl ether	50	NA	51	101	82-124
Chloroprene	50	NA	50	100	69-128
Methacrylonitrile	500	NA	491	98	78-126
Propionitrile	500	NA	454	91	77-126
1,1-Dichloroethane	50	NA	47	93	80-118
Acrylonitrile	250	NA	241	96	65-128
Ethyl tertiary-butyl ether	50	NA	54	107	84-120
Vinyl Acetate	50	NA	42	84	77-151
cis-1,2-Dichloroethene	50	NA	49	97	85-113
1,2-Dichloroethylene (total)	100	NA	97	97	85-116
Methyl Methacrylate	50	NA	49	97	73-119
2,2-Dichloropropane	50	NA	51	103	67-134
Bromochloromethane	50	NA	48	97	85-111
Chloroform	50	NA	48	95	81-112
Carbon Tetrachloride	50	NA	55	109	79-119
Tetrahydrofuran	50	NA	45	90	66-125
1,1,1-Trichloroethane	50	NA	49	99	79-113
1,1-Dichloropropene	50	NA	51	103	82-121
2-Butanone	50	NA	78	156	97-179
Benzene	50	NA	49	98	83-117
Cyclohexane	50	NA	54	107	60-140
Ethyl Methacrylate	50	NA	51	103	75-116
Tertiary-amyl methyl ether	50	NA	54	108	88-117
1,2-Dichloroethane	50	NA	48	95	76-108
Trichloroethene	50	NA	47	95	85-118

FORM III VOA-1
S8166.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24291-1
Client ID: WG24291-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	48		96	76-132
1,2-Dichloropropane	50	NA	48		95	82-110
Bromodichloromethane	50	NA	47		94	78- 98
cis-1,3-dichloropropene	50	NA	50		101	85-114
1,4-Dioxane	1000	NA	842		84	34-126
2-Chloroethylvinylether	50	NA	47		95	3-152
Toluene	50	NA	50		101	84-121
4-methyl-2-pentanone	50	NA	52		105	67-124
Tetrachloroethene	50	NA	52		104	73-112
trans-1,3-Dichloropropene	50	NA	55		110	91-120
1,1,2-Trichloroethane	50	NA	49		98	79-117
Dibromochloromethane	50	NA	53		105	87-112
1,3-Dichloropropane	50	NA	49		99	87-113
1,2-Dibromoethane	50	NA	52		104	83-110
2-Hexanone	50	NA	53		106	77-122
Chlorobenzene	50	NA	50		100	84-117
Ethylbenzene	50	NA	50		100	81-115
1,1,1,2-Tetrachloroethane	50	NA	52		105	86-109
Xylenes (total)	150	NA	154		103	85-120
m+p-Xylenes	100	NA	102		102	87-119
o-Xylene	50	NA	52		105	78-125
Styrene	50	NA	53		105	82-107
Bromoform	50	NA	51		103	75-111
Isopropylbenzene	50	NA	59		119	75-132
cis-1,4-Dichloro-2-Butene	50	NA	46		92	60-150
trans-1,4-Dichloro-2-Butene	50	NA	48		95	68-124
Bromobenzene	50	NA	51		102	84-115
N-Propylbenzene	50	NA	52		104	85-118
1,1,2,2-Tetrachloroethane	50	NA	51		103	81-116
1,3,5-Trimethylbenzene	50	NA	53		105	79-117
2-Chlorotoluene	50	NA	51		102	85-118
1,2,3-Trichloropropane	50	NA	50		101	81-112
4-Chlorotoluene	50	NA	51		103	88-114
tert-Butylbenzene	50	NA	55		109	68-125
Pentachloroethane	50	NA	58		115	40-168
1,2,4-Trimethylbenzene	50	NA	52		103	78-112
P-Isopropyltoluene	50	NA	56		112	77-116
1,3-Dichlorobenzene	50	NA	50		100	84-113
1,4-Dichlorobenzene	50	NA	50		100	83-110
N-Butylbenzene	50	NA	53		106	81-113
sec-Butylbenzene	50	NA	54		108	81-115
1,2-Dichlorobenzene	50	NA	50		101	84-114
1,2-Dibromo-3-Chloropropane	50	NA	61	*	122	72-112
1,3,5-Trichlorobenzene	50	NA	55		110	61-151
Hexachlorobutadiene	50	NA	52		104	62-116

FORM III VOA-1
S8166.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24291-1
Client ID: WG24291-LCS
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	58		116	59-123
1,2,3-Trimethylbenzene	50	NA	53		106	87-110
Naphthalene	50	NA	66		133	36-143
1,2,3-Trichlorobenzene	50	NA	71	*	143	53-100
Methyl Acetate	50	NA	50		99	58-112
Methylcyclohexane	50	NA	53		105	78-112

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG24177-LCS	WG24177-3	97	94	101	99	0
02	WG24177-BLANK	WG24177-2	98	102	101	99	0
03	3221GW0201	WV6688-1	104	117	104	99	0
04	44RB1214	WV6688-2	103	123J	105	101	1
05	3221GW0301	WV6688-3	106	125J	108	102	1
06	3221GW0101	WV6688-4	108	123J	106	101	1
07	WG24245-LCS	WG24245-1	94	101	94	94	0
08	WG24248-LCS	WG24248-2	98	91	101	98	0
09	WG24249-LCS	WG24249-1	91	89	104	97	0
10	WG24245-BLANK	WG24245-2	101	111	99	98	0
11	WG24248-BLANK	WG24248-3	95	93	101	98	0
12	WG24249-BLANK	WG24249-2	97	91	109	108	0
13	46TB1217	WV6701-6	93	88	100	97	0
14	46RB1217	WV6701-5	94	90	102	98	0
15	46GW1101	WV6701-1	94	90	100	98	0
16	46GW0101	WV6766-1	97	120J	90	94	1
17	46GW0901	WV6701-3	96	92	102	99	0
18	46GW0201	WV6766-2	110	144J	92	100	1
19	46GW1301	WV6701-7	94	90	101	98	0
20	46GW1401	WV6701-8	111	97	105	96	0
21	46GW1401D	WV6701-9	95	96	94	90	0
22	46GW1501	WV6701-10	108	105	102	102	0
23	WG24291-LCS	WG24291-1	96	88	101	98	0
24	WG24290-LCS	WG24290-1	99	92	91	93	0
25	WG24291-BLANK	WG24291-2	93	89	98	95	0
26	46GW0701	WV6766-4	94	90	100	96	0
27	46GW0301	WV6766-5	95	88	102	97	0
28	WG24290-BLANK	WG24290-2	103	107	110	108	0

	QC LIMITS
SMC1 (DBF) = Dibromofluoromethane	(76-118)
SMC2 (DCA) = 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL) = Toluene-D8	(68-122)
SMC4 (BFB) = P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	46GW1601	WV6701-11DL2	107	96	108	103	0
02	46GW0801	WV6766-3	93	88	101	95	0
03	46GW1201	WV6701-2DL2	94	91	102	96	0
04	46GW1001	WV6701-4DL2	96	96	102	97	0
05	46GW0301MS	WG24291-3	95	90	102	99	0
06	46GW0301MSD	WG24291-4	94	86	101	96	0
07							
08							
09							
10							
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12							
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18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

	QC LIMITS
SMC1 (DBF) = Dibromofluoromethane	(76-118)
SMC2 (DCA) = 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL) = Toluene-D8	(68-122)
SMC4 (BFB) = P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): F0094 Date Analyzed: 12/28/05

Instrument ID: GCMS-F Time Analyzed: 0835

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
12 HOUR STD		843392		8.68		1258489		9.42		1071374		12.82	
UPPER LIMIT		1686784		9.18		2516978		9.92		2142748		13.32	
LOWER LIMIT		421696		8.18		629245		8.92		535687		12.32	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24245-LCS	WG24245-1		890585		8.72		1323153		9.42		1132062		12.82	
02	WG24245-BLANK	WG24245-2		830365		8.70		1228982		9.42		1087020		12.82	
03	46GW0101	WV6766-1		674253		8.77		1009910		9.46		864911		12.84	
04	46GW0201	WV6766-2		545230		8.78		847092		9.44		724491		12.83	
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): F0094 Date Analyzed: 12/28/05

Instrument ID: GCMS-F Time Analyzed: 0835

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		414988	15.91				
UPPER LIMIT		829976	16.41				
LOWER LIMIT		207494	15.41				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24245-LCS	WG24245-1	442638	15.92			
02	WG24245-BLANK	WG24245-2	414636	15.92			
03	46GW0101	WV6766-1	299649	15.92			
04	46GW0201	WV6766-2	264424	15.93			
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): M0902 Date Analyzed: 12/28/05

Instrument ID: GCMS-M Time Analyzed: 0942

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
12 HOUR STD		473050		9.40		564349		10.09		438887		13.60	
UPPER LIMIT		946100		9.90		1128698		10.59		877774		14.10	
LOWER LIMIT		236525		8.90		282175		9.59		219444		13.10	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24249-LCS	WG24249-1		494929		9.39		537913		10.09		474163		13.59	
02	WG24249-BLANK	WG24249-2		464195		9.40		506498		10.09		466120		13.60	
03	46GW1401	WV6701-8		417130		9.40		514182		10.10		442550		13.61	
04	46GW1401D	WV6701-9		467318		9.40		544327		10.10		404693		13.61	
05	46GW1501	WV6701-10		445270		9.41		525643		10.09		443815		13.60	
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): M0902 Date Analyzed: 12/28/05

Instrument ID: GCMS-M Time Analyzed: 0942

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	IS4(DCB) RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		282162	16.80				
UPPER LIMIT		564324	17.30				
LOWER LIMIT		141081	16.30				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24249-LCS	WG24249-1	282678	16.80				
02	WG24249-BLANK	WG24249-2	263249	16.79				
03	46GW1401	WV6701-8	260052	16.80				
04	46GW1401D	WV6701-9	270478	16.80				
05	46GW1501	WV6701-10	285643	16.80				
06								
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IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): M0925 Date Analyzed: 12/29/05

Instrument ID: GCMS-M Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD		442632	9.43	541593	10.12	430248	13.62
UPPER LIMIT		885264	9.93	1083186	10.62	860496	14.12
LOWER LIMIT		221316	8.93	270797	9.62	215124	13.12
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24290-LCS	WG24290-1	447585	9.43	546902	10.11	449628	13.62
02	WG24290-BLANK	WG24290-2	472939	9.42	536097	10.11	452582	13.62
03	46GW1601	WV6701-11DL2	465437	9.43	505026	10.11	433230	13.62
04								
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IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): M0925 Date Analyzed: 12/29/05

Instrument ID: GCMS-M Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		259241	16.81				
UPPER LIMIT		518482	17.31				
LOWER LIMIT		129621	16.31				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24290-LCS	WG24290-1	245607	16.81				
02	WG24290-BLANK	WG24290-2	246382	16.81				
03	46GW1601	WV6701-11DL2	257932	16.81				
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IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8104 Date Analyzed: 12/23/05

Instrument ID: GCMS-S Time Analyzed: 1026

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD		737760	9.44	1258044	10.12	1038609	13.59
UPPER LIMIT		1475520	9.94	2516088	10.62	2077218	14.09
LOWER LIMIT		368880	8.94	629022	9.62	519305	13.09
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24177-LCS	WG24177-3	757441	9.43	1260265	10.12	1045071	13.59
02	WG24177-BLANK	WG24177-2	715225	9.44	1205972	10.12	1014716	13.59
03	3221GW0201	WV6688-1	549836	9.44	971540	10.12	813595	13.59
04	44RB1214	WV6688-2	533405	9.44	934468	10.12	780608	13.59
05	3221GW0301	WV6688-3	511146	9.43	894898	10.12	758768	13.59
06	3221GW0101	WV6688-4	502226	9.44	892258	10.12	748318	13.59
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IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8104 Date Analyzed: 12/23/05

Instrument ID: GCMS-S Time Analyzed: 1026

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		482277	16.75				
UPPER LIMIT		964554	17.25				
LOWER LIMIT		241139	16.25				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24177-LCS	WG24177-3	487179	16.74				
02	WG24177-BLANK	WG24177-2	455826	16.75				
03	3221GW0201	WV6688-1	353699	16.74				
04	44RB1214	WV6688-2	349344	16.75				
05	3221GW0301	WV6688-3	331528	16.74				
06	3221GW0101	WV6688-4	323847	16.75				
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IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8142 Date Analyzed: 12/28/05

Instrument ID: GCMS-S Time Analyzed: 0824

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	849279	9.43	1436146	10.12	1206803	13.59
UPPER LIMIT	1698558	9.93	2872292	10.62	2413606	14.09
LOWER LIMIT	424640	8.93	718073	9.62	603402	13.09
	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG24248-LCS	WG24248-2	800108	9.43	1360302	10.11	1128237	13.59
02	WG24248-BLANK	WG24248-3	791199	9.43	1323096	10.12	1128869	13.59
03	46TB1217	WV6701-6	783400	9.43	1301998	10.12	1103534	13.59
04	46RB1217	WV6701-5	765297	9.44	1279948	10.12	1086658	13.59
05	46GW1101	WV6701-1	794038	9.43	1334149	10.12	1128050	13.59
06	46GW0901	WV6701-3	777031	9.44	1299650	10.12	1100466	13.59
07	46GW1301	WV6701-7	781239	9.44	1324589	10.12	1113493	13.59
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IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8142 Date Analyzed: 12/28/05

Instrument ID: GCMS-S Time Analyzed: 0824

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	528182	16.74				
UPPER LIMIT	1056364	17.24				
LOWER LIMIT	264091	16.24				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG24248-LCS	WG24248-2	508246	16.75				
02	WG24248-BLANK	WG24248-3	501431	16.75				
03	46TB1217	WV6701-6	487602	16.74				
04	46RB1217	WV6701-5	474111	16.75				
05	46GW1101	WV6701-1	507150	16.74				
06	46GW0901	WV6701-3	488413	16.74				
07	46GW1301	WV6701-7	496310	16.75				
08								
09								
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15								
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17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8165 Date Analyzed: 12/29/05

Instrument ID: GCMS-S Time Analyzed: 0907

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD	802889	9.44	1354697	10.12	1133379	13.60
UPPER LIMIT	1605778	9.94	2709394	10.62	2266758	14.10
LOWER LIMIT	401445	8.94	677349	9.62	566690	13.10
	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG24291-LCS	WG24291-1	815436	9.45	1350709	10.13	1123103	13.60
02	WG24291-BLANK	WG24291-2	788659	9.45	1323226	10.13	1112685	13.60
03	46GW0701	WV6766-4	760226	9.45	1281050	10.13	1084030	13.60
04	46GW0301	WV6766-5	765105	9.45	1275362	10.13	1080201	13.60
05	46GW0801	WV6766-3	722238	9.46	1210783	10.14	1017629	13.61
06	46GW1201	WV6701-2DL2	712747	9.46	1200439	10.13	1017878	13.61
07	46GW1001	WV6701-4DL2	707611	9.45	1193239	10.14	1010060	13.60
08	46GW0301MS	WG24291-3	710646	9.46	1189514	10.14	992597	13.61
09	46GW0301MSD	WG24291-4	723356	9.46	1220438	10.14	1012226	13.61
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IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID (Standard): S8165 Date Analyzed: 12/29/05

Instrument ID: GCMS-S Time Analyzed: 0907

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		504914	16.76				
UPPER LIMIT		1009828	17.26				
LOWER LIMIT		252457	16.26				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24291-LCS	WG24291-1	510400	16.76				
02	WG24291-BLANK	WG24291-2	496642	16.75				
03	46GW0701	WV6766-4	475577	16.76				
04	46GW0301	WV6766-5	468495	16.75				
05	46GW0801	WV6766-3	440040	16.76				
06	46GW1201	WV6701-2DL2	436105	16.77				
07	46GW1001	WV6701-4DL2	445160	16.76				
08	46GW0301MS	WG24291-3	456316	16.76				
09	46GW0301MSD	WG24291-4	453109	16.76				
10								
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18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO NO:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24291-3 & WG24291-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24291
Units: ug/l

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Chloromethane	50	50	0.42	43	43	85	86	0.9	20	35-145
Vinyl chloride	50	50	0.00	56	57	111	113	2	20	43-136
Bromomethane	50	50	0.00	34	48	68	95	* 34	20	57-139
Chloroethane	50	50	0.00	57	58	114	116	2	20	48-132
1,1-Dichloroethene	50	50	0.00	53	54	106	107	1	20	88-123
Acetone	50	50	0.00	41	35	82	69	16	20	65-156
Carbon Disulfide	50	50	0.00	52	52	103	103	0.0	20	63-105
Methylene Chloride	50	50	0.00	50	50	99	101	2	20	79-122
1,1-Dichloroethane	50	50	0.00	54	55	108	109	0.9	20	80-118
1,2-Dichloroethylene (total)	100	100	0.00	104	107	104	107	3	20	85-116
cis-1,2-Dichloroethene	50	50	0.00	53	54	105	107	2	20	85-113
trans-1,2-Dichloroethene	50	50	0.00	52	53	104	106	2	20	83-121
2-Butanone	50	50	0.00	76	69	152	138	9	20	97-179
Chloroform	50	50	3.2	57	57	107	108	0.9	20	81-112
1,1,1-Trichloroethane	50	50	0.00	55	57	110	* 114	3	20	79-113
Carbon Tetrachloride	50	50	0.00	54	56	108	113	5	20	79-119
Benzene	50	50	0.00	54	54	108	109	1	20	83-117
1,2-Dichloroethane	50	50	0.00	51	50	102	101	0.8	20	76-108
Trichloroethene	50	50	0.00	52	53	105	107	2	20	85-118
1,2-Dichloropropane	50	50	0.00	53	54	106	107	1	20	82-110
Bromodichloromethane	50	50	0.61	51	51	* 100	* 101	0.8	20	78- 98
cis-1,3-dichloropropene	50	50	0.00	52	52	104	105	0.6	20	85-114
4-methyl-2-pentanone	50	50	0.00	50	44	101	88	13	20	67-124
Toluene	50	50	0.00	56	56	111	112	0.9	20	84-121
trans-1,3-Dichloropropene	50	50	0.00	56	52	112	104	7	20	91-120
1,1,2-Trichloroethane	50	50	0.00	50	48	99	96	3	20	79-117
Tetrachloroethene	50	50	0.00	56	57	111	* 114	2	20	73-112
2-Hexanone	50	50	0.00	48	41	95	82	14	20	77-122
Dibromochloromethane	50	50	0.00	51	51	102	102	0.0	20	87-112
1,2-Dibromoethane	50	50	0.00	50	49	101	97	4	20	83-110
Chlorobenzene	50	50	0.00	53	54	106	108	1	20	84-117
Ethylbenzene	50	50	0.00	55	56	111	113	2	20	81-115
Xylenes (total)	150	150	0.00	166	168	111	112	1	20	85-120
m+p-Xylenes	100	100	0.00	110	112	110	112	2	20	87-119
o-Xylene	50	50	0.00	55	57	111	113	2	20	78-125
Styrene	50	50	0.00	55	56	* 111	* 112	2	20	82-107
Bromoform	50	50	0.00	47	46	94	91	3	20	75-111
1,1,2,2-Tetrachloroethane	50	50	0.00	49	46	97	92	5	20	81-116

FORM III VOA-1
S8182.D & S8183.D

Sample Data Summary A0000031

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: FB297 BFB Injection Date: 12/21/05

Instrument ID: GCMS-F BFB Injection Time: 0733

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	29.9
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	67.0
175	5.0 - 9.0% of mass 174	5.4 (8.0)1
176	95.0 - 101.0% of mass 174	65.2 (97.4)1
177	5.0 - 9.0% of mass 176	3.3 (5.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD001F21A	F0024	12/21/05	1231
02		VSTD200F21A	F0025	12/21/05	1305
03		VSTD100F21A	F0026	12/21/05	1339
04		VSTD050F21C	F0029	12/21/05	1550
05		VSTD020F21B	F0030	12/21/05	1624
06		VSTD005F21B	F0031	12/21/05	1658
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-F Calibration Date(s): 12/21/05 12/21/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1050 1732

LAB FILE ID: RF1: F0024 RF5: F0031 RF20: F0030
RF50: F0029 RF100: F0026 RF200: F0025

								COEFFICENTS		%RSD	MAX %RSD	
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2	
Chloromethane	0.666	0.645	0.537	0.645	0.659	0.683	AVRG		0.63910041	8.151	15.000	
Vinyl chloride	0.638	0.606	0.520	0.586	0.564	0.584	AVRG		0.58294149	6.865	15.000	
Bromomethane	0.359	0.319	0.337	0.398	0.397	0.446	AVRG		0.37623547	12.397	15.000	
Chloroethane	0.312	0.370	0.322	0.370	0.339	0.370	AVRG		0.34734558	7.634	15.000	
1,1-Dichloroethene	0.484	0.494	0.418	0.485	0.476	0.479	AVRG		0.47260008	5.768	15.000	
Acetone	0.038	0.026	0.028	0.026	0.028	0.030	AVRG		2.93e-002	15.700	15.000	<-
Carbon Disulfide	1.862	1.792	1.487	1.700	1.675	1.675	AVRG		1.69852254	7.497	15.000	
Methylene Chloride	37761	80277	209370	560560	1063700	2105100	LINR	-3.56e-002	1.84475629	0.99970	0.99000	
1,1-Dichloroethane	0.960	1.038	0.918	0.994	0.974	0.965	AVRG		0.97481160	4.072	15.000	
1,2-Dichloroethylene (tot	1.119						AVRG		1.11945125	0.000	15.000	
cis-1,2-Dichloroethene	0.560	0.576	0.497	0.564	0.554	0.551	AVRG		0.55029796	4.963	15.000	
trans-1,2-Dichloroethene	0.560	0.561	0.477	0.526	0.539	0.534	AVRG		0.53290862	5.796	15.000	
2-Butanone	0.036	0.037	0.041	0.038	0.040	0.042	AVRG		3.921e-002	6.183	15.000	
Chloroform	0.943	1.004	0.842	0.972	0.973	0.960	AVRG		0.94909937	5.888	15.000	
1,1,1-Trichloroethane	0.944	0.929	0.827	0.930	0.906	0.894	AVRG		0.90505547	4.644	15.000	
Carbon Tetrachloride	9720	77518	297530	885090	1702700	3387800	LINR	2.202e-003	1.71404736	0.99962	0.99000	
Benzene	1.442	1.416	1.235	1.374	1.359	1.304	AVRG		1.35493999	5.575	15.000	
1,2-Dichloroethane	0.666	0.579	0.512	0.554	0.550	0.534	AVRG		0.56600675	9.503	15.000	
Trichloroethene	0.354	0.418	0.342	0.380	0.378	0.355	AVRG		0.37128523	7.378	15.000	
1,2-Dichloropropane	0.315	0.349	0.302	0.340	0.328	0.319	AVRG		0.32546235	5.284	15.000	
Bromodichloromethane	0.432	0.521	0.467	0.528	0.522	0.501	AVRG		0.49528373	7.699	15.000	
cis-1,3-dichloropropene	0.516	0.578	0.537	0.579	0.577	0.555	AVRG		0.55700443	4.692	15.000	
4-methyl-2-pentanone	0.242	0.265	0.275	0.248	0.257	0.264	AVRG		0.25855654	4.658	15.000	
Toluene	0.935	0.951	0.795	0.901	0.876	0.835	AVRG		0.88209926	6.763	15.000	
trans-1,3-Dichloropropene	0.417	0.488	0.448	0.481	0.486	0.480	AVRG		0.46674957	6.099	15.000	
1,1,2-Trichloroethane	0.195	0.226	0.204	0.214	0.210	0.209	AVRG		0.20966070	4.899	15.000	
Tetrachloroethene	0.355	0.366	0.313	0.363	0.356	0.347	AVRG		0.34997427	5.556	15.000	
2-Hexanone	0.167	0.206	0.224	0.202	0.217	0.230	AVRG		0.20786088	10.952	15.000	
Dibromochloromethane	0.335	0.396	0.399	0.429	0.446	0.447	AVRG		0.40876166	10.319	15.000	
1,2-Dibromoethane	0.247	0.290	0.283	0.289	0.296	0.290	AVRG		0.28239712	6.266	15.000	
Chlorobenzene	1.093	1.168	1.033	1.169	1.166	1.126	AVRG		1.12568551	4.858	15.000	
Ethylbenzene	2.037	1.974	1.763	1.993	1.946	1.883	AVRG		1.93252031	5.055	15.000	
Xylenes (total)	0.439						AVRG		0.43869631	0.000	15.000	
m+p-Xylenes	0.756	0.714	0.661	0.687	0.694	0.650	AVRG		0.69378231	5.484	15.000	
o-Xylene	0.682	0.706	0.636	0.646	0.663	0.618	AVRG		0.65850884	4.868	15.000	
Styrene	1.167	1.225	1.149	1.189	1.222	1.137	AVRG		1.18137485	3.128	15.000	
Bromoform	0.202	0.230	0.242	0.261	0.277	0.284	AVRG		0.24948375	12.384	15.000	
1,1,2,2-Tetrachloroethane	0.861	0.897	0.847	0.862	0.850	0.817	AVRG		0.85559600	3.046	15.000	
Dibromofluoromethane	0.528	0.564	0.627	0.554	0.566	0.572	AVRG		0.56848336	5.749	15.000	
1,2-Dichloroethane-D4	0.628	0.670	0.762	0.652	0.668	0.677	AVRG		0.67604358	6.721	15.000	
Toluene-D8	1.118	1.284	1.384	1.212	1.243	1.177	AVRG		1.23632529	7.412	15.000	
P-Bromofluorobenzene	0.507	0.533	0.553	0.466	0.485	0.460	AVRG		0.50080921	7.452	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-F Calibration Date(s): 12/21/05 12/21/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1050 1732

Average %RSD test result.
Calculate Average %RSD: 8.192910194
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: FB301 BFB Injection Date: 12/28/05

Instrument ID: GCMS-F BFB Injection Time: 0812

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.4
75	30.0 - 60.0% of mass 95	52.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	76.0
175	5.0 - 9.0% of mass 174	5.5 (7.3)1
176	95.0 - 101.0% of mass 174	76.3 (100.4)1
177	5.0 - 9.0% of mass 176	6.0 (7.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F28A	F0094	12/28/05	0835
02	WG24245-LCS	WG24245-1	F0095	12/28/05	0925
03	WG24245-BLANK	WG24245-2	F0097	12/28/05	1044
04	46GW0101	WV6766-1	F0106	12/28/05	1558
05	46GW0201	WV6766-2	F0107	12/28/05	1632
06					
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-F Calibration Date: 12/28/05 Time: 0835

Lab File ID: F0094 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.6390000	0.5259300	0.5259300	0.1	-17.70		AVRG
Vinyl chloride	0.5830000	0.5106900	0.5106900	0.01	-12.40	20.00	AVRG
Bromomethane	0.3760000	0.3324200	0.3324200	0.01	-11.59		AVRG
Chloroethane	0.3470000	0.3526600	0.3526600	0.01	1.63		AVRG
1,1-Dichloroethene	0.4730000	0.4516600	0.4516600	0.1	-4.51	20.00	AVRG
Acetone	2.9e-002	3.17e-002	3.17e-002	0.01	9.31		AVRG
Carbon Disulfide	1.6980000	1.5724000	1.5724000	0.01	-7.40		AVRG
Methylene Chloride	49.725000	50.000000	0.5583800	0.01	-0.55		LINR
1,1-Dichloroethane	0.9750000	1.0009000	1.0009000	0.3	2.66		AVRG
1,2-Dichloroethylene (total)	1.1190000	1.0948000	1.0948000	0.01	-2.16		AVRG
cis-1,2-Dichloroethene	0.5500000	0.5535600	0.5535600	0.01	0.65		AVRG
trans-1,2-Dichloroethene	0.5330000	0.5412600	0.5412600	0.01	1.55		AVRG
2-Butanone	3.9e-002	4.53e-002	4.53e-002	0.01	16.15		AVRG
Chloroform	0.9490000	1.0344000	1.0344000	0.01	9.00	20.00	AVRG
1,1,1-Trichloroethane	0.9050000	0.9951800	0.9951800	0.01	9.96		AVRG
Carbon Tetrachloride	50.007000	50.000000	0.5822100	0.01	0.01		LINR
Benzene	1.3550000	1.3307000	1.3307000	0.01	-1.79		AVRG
1,2-Dichloroethane	0.5660000	0.6321100	0.6321100	0.01	11.68		AVRG
Trichloroethene	0.3710000	0.3739000	0.3739000	0.01	0.78		AVRG
1,2-Dichloropropane	0.3260000	0.3273900	0.3273900	0.01	0.43	20.00	AVRG
Bromodichloromethane	0.4950000	0.5723700	0.5723700	0.01	15.63		AVRG
cis-1,3-dichloropropene	0.5570000	0.6111700	0.6111700	0.01	9.72		AVRG
4-methyl-2-pentanone	0.2580000	0.2940400	0.2940400	0.01	13.97		AVRG
Toluene	0.8820000	0.8800500	0.8800500	0.01	-0.22	20.00	AVRG
trans-1,3-Dichloropropene	0.4670000	0.5350600	0.5350600	0.01	14.57		AVRG
1,1,2-Trichloroethane	0.2100000	0.2310000	0.2310000	0.01	10.00		AVRG
Tetrachloroethene	0.3500000	0.3514400	0.3514400	0.01	0.41		AVRG
2-Hexanone	0.2080000	0.2400400	0.2400400	0.01	15.40		AVRG
Dibromochloromethane	0.4090000	0.4625100	0.4625100	0.01	13.08		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-F Calibration Date: 12/28/05 Time: 0835

Lab File ID: F0094 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.2820000	0.3224400	0.3224400	0.01	14.34		AVRG
Chlorobenzene	1.1260000	1.1451000	1.1451000	0.3	1.70		AVRG
Ethylbenzene	1.9330000	1.9532000	1.9532000	0.01	1.04	20.00	AVRG
Xylenes (total)	0.4390000	0.6461700	0.6461700	0.01	47.19		AVRG
m+p-Xylenes	0.6940000	0.6601900	0.6601900	0.01	-4.87		AVRG
o-Xylene	0.6580000	0.6181200	0.6181200	0.01	-6.06		AVRG
Styrene	1.1820000	1.1201000	1.1201000	0.01	-5.24		AVRG
Bromoform	0.2490000	0.2988000	0.2988000	0.1	20.00		AVRG
1,1,2,2-Tetrachloroethane	0.8560000	0.9276000	0.9276000	0.3	8.36		AVRG
Dibromofluoromethane	0.5680000	0.5620500	0.5620500	0.01	-1.05		AVRG
1,2-Dichloroethane-D4	0.6760000	0.7255200	0.7255200	0.01	7.32		AVRG
Toluene-D8	1.2360000	1.1864000	1.1864000	0.01	-4.01		AVRG
P-Bromofluorobenzene	0.5010000	0.4958800	0.4958800	0.01	-1.02		AVRG

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: MB366 BFB Injection Date: 12/22/05

Instrument ID: GCMS-M BFB Injection Time: 1112

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	92.2
175	5.0 - 9.0% of mass 174	7.3 (7.9)1
176	95.0 - 101.0% of mass 174	93.0 (100.8)1
177	5.0 - 9.0% of mass 176	5.4 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M22A	M0856	12/22/05	1136
02		VSTD020M22A	M0857	12/22/05	1212
03		VSTD005M22A	M0858	12/22/05	1247
04		VSTD001M22A	M0859	12/22/05	1323
05		VSTD200M22A	M0860	12/22/05	1359
06		VSTD100M22A	M0861	12/22/05	1434
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

LAB FILE ID: RF1: M0859 RF5: M0858 RF20: M0857
RF50: M0856 RF100: M0861 RF200: M0860

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2	
Chloromethane	0.407	0.385	0.420	0.451	0.437	0.387	AVRG		0.41435560	6.443	15.000	
Vinyl chloride	0.512	0.455	0.513	0.494	0.426	0.415	AVRG		0.46927229	9.189	15.000	
Bromomethane	0.395	0.371	0.438	0.487	0.458	0.414	AVRG		0.42720239	9.955	15.000	
Chloroethane	0.294	0.240	0.246	0.274	0.253	0.218	AVRG		0.25393146	10.513	15.000	
1,1-Dichloroethene	0.461	0.411	0.384	0.439	0.415	0.394	AVRG		0.41732491	6.905	15.000	
Acetone	0.043	0.028	0.027	0.026	0.027	0.026	AVRG		2.978e-002	22.224	15.000	<-
Carbon Disulfide	1.540	1.294	1.331	1.562	1.414	1.335	AVRG		1.41276055	8.079	15.000	
Methylene Chloride	16529	36939	102950	277250	499400	967650	LINR	-6.23e-002	1.99217064	0.99720	0.99000	
1,1-Dichloroethane	0.987	0.896	0.847	0.988	0.935	0.903	AVRG		0.92604981	5.980	15.000	
1,2-Dichloroethylene (tot							AVRG				0.000	
cis-1,2-Dichloroethene	0.481	0.449	0.500	0.557	0.580	0.505	AVRG		0.51205264	9.473	15.000	
trans-1,2-Dichloroethene	0.561	0.460	0.459	0.495	0.483	0.448	AVRG		0.48425328	8.513	15.000	
2-Butanone	0.050	0.046	0.045	0.049	0.050	0.044	AVRG		4.748e-002	6.083	15.000	
Chloroform	1.179	1.053	1.094	1.219	1.208	0.984	AVRG		1.12278874	8.427	15.000	
1,1,1-Trichloroethane	0.893	0.983	0.868	1.060	1.024	0.966	AVRG		0.96555184	7.663	15.000	
Carbon Tetrachloride	0.684	0.753	0.722	0.670	0.754	0.727	AVRG		0.71845000	4.851	15.000	
Benzene	1.399	1.378	1.472	1.297	1.346	1.226	AVRG		1.35296989	6.275	15.000	
1,2-Dichloroethane	0.661	0.731	0.841	0.704	0.816	0.766	AVRG		0.75309998	9.040	15.000	
Trichloroethene	0.519	0.438	0.425	0.430	0.461	0.464	AVRG		0.45625137	7.592	15.000	
1,2-Dichloropropane	0.304	0.330	0.362	0.300	0.332	0.310	AVRG		0.32300122	7.253	15.000	
Bromodichloromethane	0.752	0.774	0.742	0.736	0.845	0.759	AVRG		0.76800232	5.195	15.000	
cis-1,3-dichloropropene	0.718	0.728	0.642	0.662	0.700	0.674	AVRG		0.68733126	4.910	15.000	
4-methyl-2-pentanone	0.390	0.350	0.390	0.338	0.343	0.340	AVRG		0.35853605	6.898	15.000	
Toluene	0.965	0.863	0.755	0.696	0.830	0.727	AVRG		0.80594797	12.391	15.000	
trans-1,3-Dichloropropene	0.711	0.623	0.698	0.600	0.668	0.688	AVRG		0.66444658	6.606	15.000	
1,1,2-Trichloroethane	0.354	0.316	0.328	0.300	0.343	0.307	AVRG		0.32451908	6.415	15.000	
Tetrachloroethene	0.537	0.469	0.513	0.498	0.519	0.461	AVRG		0.49934917	5.901	15.000	
2-Hexanone	0.345	0.316	0.363	0.297	0.312	0.291	AVRG		0.32086154	8.798	15.000	
Dibromochloromethane	0.667	0.673	0.797	0.724	0.763	0.720	AVRG		0.72391793	6.986	15.000	
1,2-Dibromoethane	0.493	0.510	0.495	0.433	0.465	0.461	AVRG		0.47624491	5.944	15.000	
Chlorobenzene	1.230	1.362	1.191	1.173	1.256	1.123	AVRG		1.22237312	6.745	15.000	
Ethylbenzene	2.016	2.013	2.156	2.076	1.989	1.810	AVRG		2.01016421	5.721	15.000	
Xylenes (total)							AVRG				0.000	
m+p-Xylenes	0.772	0.604	0.728	0.692	0.652	0.562	AVRG		0.66860853	11.702	15.000	
o-Xylene	0.628	0.719	0.771	0.664	0.717	0.634	AVRG		0.68882248	8.175	15.000	
Styrene	1.017	1.140	1.220	1.201	1.180	1.124	AVRG		1.14715167	6.380	15.000	
Bromoform	0.598	0.598	0.705	0.638	0.620	0.628	AVRG		0.63134820	6.245	15.000	
1,1,2,2-Tetrachloroethane	1.131	0.994	1.014	0.909	0.809	0.979	AVRG		0.97289892	11.068	15.000	
Dibromofluoromethane	0.693	0.674	0.588	0.828	0.707	0.661	AVRG		0.69194901	11.354	15.000	
1,2-Dichloroethane-D4	0.883	0.807	0.727	0.866	0.781	0.788	AVRG		0.80862161	7.141	15.000	
Toluene-D8	1.264	1.269	1.130	1.194	1.294	1.122	AVRG		1.21196044	6.146	15.000	
P-Bromofluorobenzene	0.602	0.617	0.526	0.568	0.609	0.561	AVRG		0.58057582	6.062	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

Average %RSD test result.
Calculate Average %RSD: 9.195655823
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM VI VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: MB369 BFB Injection Date: 12/28/05

Instrument ID: GCMS-M BFB Injection Time: 0831

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.2
75	30.0 - 60.0% of mass 95	45.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.0
173	Less than 2.0% of mass 174	0.3 (0.3)1
174	Greater than 50.0% of mass 95	94.3
175	5.0 - 9.0% of mass 174	8.0 (8.5)1
176	95.0 - 101.0% of mass 174	90.2 (95.7)1
177	5.0 - 9.0% of mass 176	5.2 (5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M28B	M0902	12/28/05	0942
02	WG24249-LCS	WG24249-1	M0903	12/28/05	1026
03	WG24249-BLANK	WG24249-2	M0905	12/28/05	1143
04	46GW1401	WV6701-8	M0914	12/28/05	1709
05	46GW1401D	WV6701-9	M0915	12/28/05	1744
06	46GW1501	WV6701-10	M0916	12/28/05	1820
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date: 12/28/05 Time: 0942

Lab File ID: M0902 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4140000	0.4268500	0.4268500	0.1	3.10		AVRG	
Vinyl chloride	0.4690000	0.4784800	0.4784800	0.01	2.02	20.00	AVRG	
Bromomethane	0.4270000	0.4670800	0.4670800	0.01	9.39		AVRG	
Chloroethane	0.2540000	0.2667000	0.2667000	0.01	5.00		AVRG	
1,1-Dichloroethene	0.4170000	0.4752300	0.4752300	0.1	13.96	20.00	AVRG	
Acetone	3.e-002	2.55e-002	2.55e-002	0.01	-15.00		AVRG	
Carbon Disulfide	1.4130000	1.5522000	1.5522000	0.01	9.85		AVRG	
Methylene Chloride	51.469000	50.000000	0.5480000	0.01	2.94		LINR	
1,1-Dichloroethane	0.9260000	0.9094100	0.9094100	0.1	-1.79		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4974900	0.4974900	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5120000	0.4971500	0.4971500	0.01	-2.90		AVRG	
trans-1,2-Dichloroethene	0.4840000	0.4978400	0.4978400	0.01	2.86		AVRG	
2-Butanone	4.7e-002	4.02e-002	4.02e-002	0.01	-14.47		AVRG	
Chloroform	1.1230000	1.1204000	1.1204000	0.01	-0.23	20.00	AVRG	
1,1,1-Trichloroethane	0.9660000	1.0172000	1.0172000	0.01	5.30		AVRG	
Carbon Tetrachloride	0.7180000	0.7923200	0.7923200	0.01	10.35		AVRG	
Benzene	1.3530000	1.3799000	1.3799000	0.01	1.99		AVRG	
1,2-Dichloroethane	0.7530000	0.7320100	0.7320100	0.01	-2.79		AVRG	
Trichloroethene	0.4560000	0.4842200	0.4842200	0.01	6.19		AVRG	
1,2-Dichloropropane	0.3230000	0.3358400	0.3358400	0.01	3.98	20.00	AVRG	
Bromodichloromethane	0.7680000	0.7669800	0.7669800	0.01	-0.13		AVRG	
cis-1,3-dichloropropene	0.6870000	0.7005700	0.7005700	0.01	1.98		AVRG	
4-methyl-2-pentanone	0.3580000	0.3140200	0.3140200	0.01	-12.28		AVRG	
Toluene	0.8060000	0.8672300	0.8672300	0.01	7.60	20.00	AVRG	
trans-1,3-Dichloropropene	0.6650000	0.6812400	0.6812400	0.01	2.44		AVRG	
1,1,2-Trichloroethane	0.3250000	0.3218100	0.3218100	0.01	-0.98		AVRG	
Tetrachloroethene	0.5000000	0.5182300	0.5182300	0.01	3.65		AVRG	
2-Hexanone	0.3210000	0.3139100	0.3139100	0.01	-2.21		AVRG	
Dibromochloromethane	0.7240000	0.7833900	0.7833900	0.01	8.20		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date: 12/28/05 Time: 0942

Lab File ID: M0902 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.4760000	0.4389600	0.4389600	0.01	-7.78		AVRG	
Chlorobenzene	1.2220000	1.1865000	1.1865000	0.3	-2.90		AVRG	
Ethylbenzene	2.0100000	2.2782000	2.2782000	0.01	13.34	20.00	AVRG	
Xylenes (total)	0.0000000	0.7211400	0.7211400	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6680000	0.6983900	0.6983900	0.01	4.55		AVRG	
o-Xylene	0.6890000	0.7666200	0.7666200	0.01	11.27		AVRG	
Styrene	1.1470000	1.2791000	1.2791000	0.01	11.52		AVRG	
Bromoform	0.6310000	0.6210400	0.6210400	0.1	-1.58		AVRG	
1,1,2,2-Tetrachloroethane	0.9730000	0.8717600	0.8717600	0.3	-10.40		AVRG	
Dibromofluoromethane	0.6920000	0.6718600	0.6718600	0.01	-2.91		AVRG	
1,2-Dichloroethane-D4	0.8090000	0.7412100	0.7412100	0.01	-8.38		AVRG	
Toluene-D8	1.2120000	1.1038000	1.1038000	0.01	-8.93		AVRG	
P-Bromofluorobenzene	0.5800000	0.5241400	0.5241400	0.01	-9.63		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: MB370 BFB Injection Date: 12/29/05

Instrument ID: GCMS-M BFB Injection Time: 0854

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 60.0% of mass 95	47.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	92.7
175	5.0 - 9.0% of mass 174	8.3 (8.9)1
176	95.0 - 101.0% of mass 174	93.0 (100.3)1
177	5.0 - 9.0% of mass 176	7.4 (7.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M29B	M0925	12/29/05	1008
02	WG24290-LCS	WG24290-1	M0926	12/29/05	1101
03	WG24290-BLANK	WG24290-2	M0930	12/29/05	1404
04	46GW1601	WV6701-11DL2	M0931	12/29/05	1447
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date: 12/29/05 Time: 1008

Lab File ID: M0925 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4140000	0.4848400	0.4848400	0.1	17.11		AVRG	
Vinyl chloride	0.4690000	0.5608400	0.5608400	0.01	19.58	20.00	AVRG	
Bromomethane	0.4270000	0.4993800	0.4993800	0.01	16.95		AVRG	
Chloroethane	0.2540000	0.2655400	0.2655400	0.01	4.54		AVRG	
1,1-Dichloroethene	0.4170000	0.4500500	0.4500500	0.1	7.92	20.00	AVRG	
Acetone	3.e-002	2.85e-002	2.85e-002	0.01	-5.00		AVRG	
Carbon Disulfide	1.4130000	1.6281000	1.6281000	0.01	15.22		AVRG	
Methylene Chloride	57.012000	50.000000	0.6036500	0.01	14.02		LINR	
1,1-Dichloroethane	0.9260000	0.9450500	0.9450500	0.1	2.06		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.5086000	0.5086000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5120000	0.4902500	0.4902500	0.01	-4.25		AVRG	
trans-1,2-Dichloroethene	0.4840000	0.5269500	0.5269500	0.01	8.87		AVRG	
2-Butanone	4.7e-002	4.85e-002	4.85e-002	0.01	3.19		AVRG	
Chloroform	1.1230000	1.1628000	1.1628000	0.01	3.54	20.00	AVRG	
1,1,1-Trichloroethane	0.9660000	1.0230000	1.0230000	0.01	5.90		AVRG	
Carbon Tetrachloride	0.7180000	0.7727100	0.7727100	0.01	7.62		AVRG	
Benzene	1.3530000	1.2776000	1.2776000	0.01	-5.57		AVRG	
1,2-Dichloroethane	0.7530000	0.8123200	0.8123200	0.01	7.88		AVRG	
Trichloroethene	0.4560000	0.4951200	0.4951200	0.01	8.58		AVRG	
1,2-Dichloropropane	0.3230000	0.3423000	0.3423000	0.01	5.98	20.00	AVRG	
Bromodichloromethane	0.7680000	0.8078700	0.8078700	0.01	5.19		AVRG	
cis-1,3-dichloropropene	0.6870000	0.6934500	0.6934500	0.01	0.94		AVRG	
4-methyl-2-pentanone	0.3580000	0.3487000	0.3487000	0.01	-2.60		AVRG	
Toluene	0.8060000	0.7903300	0.7903300	0.01	-1.94	20.00	AVRG	
trans-1,3-Dichloropropene	0.6650000	0.6582800	0.6582800	0.01	-1.01		AVRG	
1,1,2-Trichloroethane	0.3250000	0.3008600	0.3008600	0.01	-7.43		AVRG	
Tetrachloroethene	0.5000000	0.5493600	0.5493600	0.01	9.87		AVRG	
2-Hexanone	0.3210000	0.3192500	0.3192500	0.01	-0.54		AVRG	
Dibromochloromethane	0.7240000	0.7676000	0.7676000	0.01	6.02		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-M Calibration Date: 12/29/05 Time: 1008

Lab File ID: M0925 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.4760000	0.4759100	0.4759100	0.01	-0.02		AVRG	
Chlorobenzene	1.2220000	1.2576000	1.2576000	0.3	2.91		AVRG	
Ethylbenzene	2.0100000	1.9260000	1.9260000	0.01	-4.18	20.00	AVRG	
Xylenes (total)	0.0000000	0.6524300	0.6524300	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6680000	0.6571200	0.6571200	0.01	-1.63		AVRG	
o-Xylene	0.6890000	0.6430500	0.6430500	0.01	-6.67		AVRG	
Styrene	1.1470000	1.2929000	1.2929000	0.01	12.72		AVRG	
Bromoform	0.6310000	0.6736700	0.6736700	0.1	6.76		AVRG	
1,1,2,2-Tetrachloroethane	0.9730000	0.9933800	0.9933800	0.3	2.09		AVRG	
Dibromofluoromethane	0.6920000	0.6843100	0.6843100	0.01	-1.11		AVRG	
1,2-Dichloroethane-D4	0.8090000	0.7870500	0.7870500	0.01	-2.71		AVRG	
Toluene-D8	1.2120000	1.2004000	1.2004000	0.01	-0.96		AVRG	
P-Bromofluorobenzene	0.5800000	0.5865400	0.5865400	0.01	1.13		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: SB111 BFB Injection Date: 12/15/05

Instrument ID: GCMS-S BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.4 (8.0)1
176	95.0 - 101.0% of mass 174	66.0 (98.9)1
177	5.0 - 9.0% of mass 176	5.3 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200S15B	S7987	12/15/05	1721
02		VSTD100S15B	S7988	12/15/05	1754
03		VSTD050S15B	S7989	12/15/05	1827
04		VSTD020S15B	S7990	12/15/05	1859
05		VSTD005S15C	S7992	12/15/05	2005
06		VSTD001S15B	S7993	12/15/05	2038
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date(s): 12/15/05 12/15/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1439 2110

LAB FILE ID: RF1: S7993 RF5: S7992 RF20: S7990
RF50: S7989 RF100: S7988 RF200: S7987

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
Chloromethane	0.889	0.813	0.868	0.793	0.816	0.807	AVRG		0.83093587	4.618	15.000
Vinyl chloride	0.662	0.575	0.656	0.647	0.653	0.641	AVRG		0.63895161	5.067	15.000
Bromomethane	0.318	0.296	0.313	0.318	0.336	0.346	AVRG		0.32109874	5.412	15.000
Chloroethane	0.402	0.339	0.368	0.365	0.351	0.342	AVRG		0.36126475	6.414	15.000
1,1-Dichloroethene	0.501	0.426	0.494	0.473	0.481	0.472	AVRG		0.47446523	5.586	15.000
Acetone	0.040	0.037	0.037	0.028	0.037	0.030	AVRG		3.482e-002	13.794	15.000
Carbon Disulfide	1.791	1.515	1.739	1.702	1.735	1.717	AVRG		1.69962770	5.611	15.000
Methylene Chloride	21466	51947	185520	435590	872960	1623500	LINR	-3.16e-002	1.78837175	0.99956	0.99000
1,1-Dichloroethane	0.984	0.916	1.036	0.986	1.018	0.997	AVRG		0.98935084	4.165	15.000
1,2-Dichloroethylene (tot							AVRG				0.000
cis-1,2-Dichloroethene	0.536	0.506	0.580	0.551	0.574	0.560	AVRG		0.55119310	4.977	15.000
trans-1,2-Dichloroethene	0.571	0.495	0.556	0.534	0.542	0.528	AVRG		0.53770414	4.823	15.000
2-Butanone	0.034	0.046	0.049	0.038		0.042	AVRG		4.168e-002	14.523	15.000
Chloroform	0.942	0.830	0.948	0.878	0.915	0.894	AVRG		0.90100287	4.900	15.000
1,1,1-Trichloroethane	0.667	0.623	0.718	0.694	0.715	0.703	AVRG		0.68673058	5.266	15.000
Carbon Tetrachloride	0.296	0.262	0.311	0.310	0.325	0.330	AVRG		0.30560305	8.077	15.000
Benzene	1.269	1.148	1.309	1.264	1.316	1.309	AVRG		1.26907643	4.985	15.000
1,2-Dichloroethane	0.374	0.356	0.385	0.356	0.396	0.378	AVRG		0.37426632	4.276	15.000
Trichloroethene	0.323	0.288	0.315	0.306	0.315	0.312	AVRG		0.30976719	3.903	15.000
1,2-Dichloropropane	0.332	0.299	0.338	0.321	0.336	0.335	AVRG		0.32695388	4.504	15.000
Bromodichloromethane	0.375	0.363	0.412	0.391	0.423	0.418	AVRG		0.39725168	6.196	15.000
cis-1,3-dichloropropene	0.446	0.436	0.512	0.490	0.542	0.531	AVRG		0.49277030	8.935	15.000
4-methyl-2-pentanone	22361	161490	728240	1362400		5457900	LINR	-5.77e-002	4.39412718	0.99865	0.99000
Toluene	0.708	0.672	0.783	0.747	0.779	0.788	AVRG		0.74600996	6.334	15.000
trans-1,3-Dichloropropene	0.325	0.354	0.410	0.372	0.431	0.413	AVRG		0.38436079	10.569	15.000
1,1,2-Trichloroethane	0.192	0.197	0.222	0.188	0.221	0.207	AVRG		0.20441358	7.177	15.000
Tetrachloroethene	0.255	0.226	0.263	0.254	0.259	0.258	AVRG		0.25241184	5.238	15.000
2-Hexanone	13204	106190	477600	892600		3711800	LINR	-5.03e-002	5.51175066	0.99864	0.99000
Dibromochloromethane	0.249	0.268	0.310	0.283	0.330	0.304	AVRG		0.29086356	10.182	15.000
1,2-Dibromoethane	0.217	0.233	0.264	0.224	0.270	0.247	AVRG		0.24248168	8.804	15.000
Chlorobenzene	0.994	0.881	0.994	0.954	0.983	0.972	AVRG		0.96298482	4.468	15.000
Ethylbenzene	1.638	1.473	1.697	1.655	1.693	1.667	AVRG		1.63732486	5.098	15.000
Xylenes (total)							AVRG				0.000
m+p-Xylenes	0.567	0.553	0.654	0.637	0.661	0.649	AVRG		0.62008998	7.646	15.000
o-Xylene	0.475	0.514	0.610	0.601	0.627	0.620	AVRG		0.57457250	11.101	15.000
Styrene	0.768	0.868	1.080	1.051	1.127	1.104	AVRG		0.99971526	14.658	15.000
Bromoform	2600	16139	77114	170010	430790	749420	LINR	1.183e-002	5.30553733	0.99482	0.99000
1,1,2,2-Tetrachloroethane	0.642	0.692	0.774	0.616	0.780	0.673	AVRG		0.69626708	9.735	15.000
Dibromofluoromethane	0.496	0.456	0.535	0.502	0.520	0.527	AVRG		0.50610228	5.671	15.000
1,2-Dichloroethane-D4	0.567	0.500	0.552	0.487	0.526	0.513	AVRG		0.52433843	5.867	15.000
Toluene-D8	0.985	0.898	1.089	1.033	1.062	1.104	AVRG		1.02859912	7.453	15.000
P-Bromofluorobenzene	0.371	0.334	0.408	0.382	0.406	0.425	AVRG		0.38766396	8.405	15.000

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date(s): 12/15/05 12/15/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1439 2110

Average %RSD test result.

Calculate Average %RSD: 8.128489494
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: SB117 BFB Injection Date: 12/23/05

Instrument ID: GCMS-S BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	46.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	6.0 (8.5)1
176	95.0 - 101.0% of mass 174	68.7 (98.0)1
177	5.0 - 9.0% of mass 176	5.2 (7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S23A	S8104	12/23/05	1026
02	WG24177-LCS	WG24177-3	S8106	12/23/05	1159
03	WG24177-BLANK	WG24177-2	S8108	12/23/05	1305
04	3221GW0201	WV6688-1	S8115	12/23/05	1656
05	44RB1214	WV6688-2	S8116	12/23/05	1729
06	3221GW0301	WV6688-3	S8117	12/23/05	1802
07	3221GW0101	WV6688-4	S8118	12/23/05	1834
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/23/05 Time: 1026

Lab File ID: S8104 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.6624400	0.6624400	0.1	-20.28		AVRG	
Vinyl chloride	0.6390000	0.5627900	0.5627900	0.01	-11.93	20.00	AVRG	
Bromomethane	0.3210000	0.3351200	0.3351200	0.01	4.40		AVRG	
Chloroethane	0.3610000	0.3802000	0.3802000	0.01	5.32		AVRG	
1,1-Dichloroethene	0.4740000	0.4593900	0.4593900	0.01	-3.08	20.00	AVRG	
Acetone	3.5e-002	3.58e-002	3.58e-002	0.01	2.28		AVRG	
Carbon Disulfide	1.7000000	1.6606000	1.6606000	0.01	-2.32		AVRG	
Methylene Chloride	49.426000	50.000000	0.5704400	0.01	-1.15		LINR	
1,1-Dichloroethane	0.9900000	0.9978500	0.9978500	0.1	0.79		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.0930000	1.0930000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5510000	0.5609700	0.5609700	0.01	1.81		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5320700	0.5320700	0.01	-1.10		AVRG	
2-Butanone	4.2e-002	4.89e-002	4.89e-002	0.01	16.43		AVRG	
Chloroform	0.9010000	0.8994200	0.8994200	0.01	-0.18	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.7105400	0.7105400	0.01	3.43		AVRG	
Carbon Tetrachloride	0.3060000	0.3086700	0.3086700	0.01	0.87		AVRG	
Benzene	1.2690000	1.2668000	1.2668000	0.01	-0.17		AVRG	
1,2-Dichloroethane	0.3740000	0.3843100	0.3843100	0.01	2.76		AVRG	
Trichloroethene	0.3100000	0.3006900	0.3006900	0.01	-3.00		AVRG	
1,2-Dichloropropane	0.3270000	0.3248400	0.3248400	0.01	-0.66	20.00	AVRG	
Bromodichloromethane	0.3970000	0.4080000	0.4080000	0.01	2.77		AVRG	
cis-1,3-dichloropropene	0.4930000	0.5172000	0.5172000	0.01	4.91		AVRG	
4-methyl-2-pentanone	301.52000	250.00000	0.2771000	0.01	20.61		LINR	
Toluene	0.7460000	0.7505700	0.7505700	0.01	0.61	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.4157900	0.4157900	0.01	8.28		AVRG	
1,1,2-Trichloroethane	0.2040000	0.2102900	0.2102900	0.01	3.08		AVRG	
Tetrachloroethene	0.2520000	0.2550200	0.2550200	0.01	1.20		AVRG	
2-Hexanone	303.71000	250.00000	0.2222400	0.01	21.48		LINR	
Dibromochloromethane	0.2910000	0.3173900	0.3173900	0.01	9.07		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/23/05 Time: 1026

Lab File ID: S8104 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2420000	0.2549000	0.2549000	0.01	5.33		AVRG	
Chlorobenzene	0.9630000	0.9698400	0.9698400	0.3	0.71		AVRG	
Ethylbenzene	1.6370000	1.6618000	1.6618000	0.01	1.52	20.00	AVRG	
Xylenes (total)	0.0000000	1.8895000	1.8895000	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6200000	0.6429800	0.6429800	0.01	3.71		AVRG	
o-Xylene	0.5740000	0.6035300	0.6035300	0.01	5.14		AVRG	
Styrene	1.0000000	1.0728000	1.0728000	0.01	7.28		AVRG	
Bromoform	52.515000	50.000000	0.1957300	0.1	5.03		LINR	
1,1,2,2-Tetrachloroethane	0.6960000	0.7519700	0.7519700	0.3	8.04		AVRG	
Dibromofluoromethane	0.5060000	0.4989800	0.4989800	0.01	-1.39		AVRG	
1,2-Dichloroethane-D4	0.5240000	0.5184800	0.5184800	0.01	-1.05		AVRG	
Toluene-D8	1.0280000	1.0022000	1.0022000	0.01	-2.51		AVRG	
P-Bromofluorobenzene	0.3880000	0.3768700	0.3768700	0.01	-2.87		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: SB119 BFB Injection Date: 12/28/05

Instrument ID: GCMS-S BFB Injection Time: 0801

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.4
75	30.0 - 60.0% of mass 95	45.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.9 (8.4)1
176	95.0 - 101.0% of mass 174	67.6 (96.4)1
177	5.0 - 9.0% of mass 176	4.4 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S28A	S8142	12/28/05	0824
02	WG24248-LCS	WG24248-2	S8144	12/28/05	0952
03	WG24248-BLANK	WG24248-3	S8146	12/28/05	1058
04	46TB1217	WV6701-6	S8148	12/28/05	1212
05	46RB1217	WV6701-5	S8149	12/28/05	1245
06	46GW1101	WV6701-1	S8154	12/28/05	1531
07	46GW0901	WV6701-3	S8155	12/28/05	1604
08	46GW1301	WV6701-7	S8156	12/28/05	1636
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/28/05 Time: 0824

Lab File ID: S8142 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.6049500	0.6049500	0.1	27.20		AVRG	
Vinyl chloride	0.6390000	0.5415100	0.5415100	0.01	-15.26	20.00	AVRG	
Bromomethane	0.3210000	0.3446000	0.3446000	0.01	7.35		AVRG	
Chloroethane	0.3610000	0.3539400	0.3539400	0.01	-1.96		AVRG	
1,1-Dichloroethene	0.4740000	0.4518500	0.4518500	0.01	-4.67	20.00	AVRG	
Acetone	3.5e-002	3.34e-002	3.34e-002	0.01	-4.57		AVRG	
Carbon Disulfide	1.7000000	1.5511000	1.5511000	0.01	-8.76		AVRG	
Methylene Chloride	47.820000	50.000000	0.5524800	0.01	-4.36		LINR	
1,1-Dichloroethane	0.9900000	0.9527300	0.9527300	0.1	-3.76		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.0729000	1.0729000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5510000	0.5517700	0.5517700	0.01	0.14		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5211200	0.5211200	0.01	-3.14		AVRG	
2-Butanone	4.2e-002	4.68e-002	4.68e-002	0.01	11.43		AVRG	
Chloroform	0.9010000	0.8607100	0.8607100	0.01	-4.47	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.6847000	0.6847000	0.01	-0.33		AVRG	
Carbon Tetrachloride	0.3060000	0.3206200	0.3206200	0.01	4.78		AVRG	
Benzene	1.2690000	1.2430000	1.2430000	0.01	-2.05		AVRG	
1,2-Dichloroethane	0.3740000	0.3658100	0.3658100	0.01	-2.19		AVRG	
Trichloroethene	0.3100000	0.2900500	0.2900500	0.01	-6.44		AVRG	
1,2-Dichloropropane	0.3270000	0.3155900	0.3155900	0.01	-3.49	20.00	AVRG	
Bromodichloromethane	0.3970000	0.4007700	0.4007700	0.01	0.95		AVRG	
cis-1,3-dichloropropene	0.4930000	0.5103300	0.5103300	0.01	3.52		AVRG	
4-methyl-2-pentanone	295.11000	250.00000	0.2712700	0.01	18.04		LINR	
Toluene	0.7460000	0.7465400	0.7465400	0.01	0.07	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.4090200	0.4090200	0.01	6.52		AVRG	
1,1,2-Trichloroethane	0.2040000	0.2135000	0.2135000	0.01	4.66		AVRG	
Tetrachloroethene	0.2520000	0.2516600	0.2516600	0.01	-0.13		AVRG	
2-Hexanone	298.32000	250.00000	0.2183200	0.01	19.33		LINR	
Dibromochloromethane	0.2910000	0.3205500	0.3205500	0.01	10.16		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/28/05 Time: 0824

Lab File ID: S8142 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2420000	0.2647200	0.2647200	0.01	9.39		AVRG	
Chlorobenzene	0.9630000	0.9594100	0.9594100	0.3	-0.37		AVRG	
Ethylbenzene	1.6370000	1.6118000	1.6118000	0.01	-1.54	20.00	AVRG	
Xylenes (total)	0.0000000	1.8494000	1.8494000	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6200000	0.6253200	0.6253200	0.01	0.86		AVRG	
o-Xylene	0.5740000	0.5987800	0.5987800	0.01	4.32		AVRG	
Styrene	1.0000000	1.0561000	1.0561000	0.01	5.61		AVRG	
Bromoform	52.632000	50.000000	0.1961700	0.1	5.26		LINR	
1,1,2,2-Tetrachloroethane	0.6960000	0.7677100	0.7677100	0.3	10.30		AVRG	
Dibromofluoromethane	0.5060000	0.4882300	0.4882300	0.01	-3.51		AVRG	
1,2-Dichloroethane-D4	0.5240000	0.4828200	0.4828200	0.01	-7.86		AVRG	
Toluene-D8	1.0280000	1.0222000	1.0222000	0.01	-0.56		AVRG	
P-Bromofluorobenzene	0.3880000	0.3752500	0.3752500	0.01	-3.29		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: SB120 BFB Injection Date: 12/29/05

Instrument ID: GCMS-S BFB Injection Time: 0851

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	43.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	89.3
175	5.0 - 9.0% of mass 174	6.8 (7.7)1
176	95.0 - 101.0% of mass 174	88.3 (98.9)1
177	5.0 - 9.0% of mass 176	4.8 (5.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S29A	S8165	12/29/05	0907
02	WG24291-LCS	WG24291-1	S8166	12/29/05	0952
03	WG24291-BLANK	WG24291-2	S8168	12/29/05	1114
04	46GW0701	WV6766-4	S8171	12/29/05	1309
05	46GW0301	WV6766-5	S8172	12/29/05	1342
06	46GW0801	WV6766-3	S8179	12/29/05	1731
07	46GW1201	WV6701-2DL2	S8180	12/29/05	1805
08	46GW1001	WV6701-4DL2	S8181	12/29/05	1838
09	46GW0301MS	WG24291-3	S8182	12/29/05	1910
10	46GW0301MSD	WG24291-4	S8183	12/29/05	1943
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/29/05 Time: 0907

Lab File ID: S8165 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.5960800	0.5960800	0.1	-28.27		AVRG	
Vinyl chloride	0.6390000	0.5828800	0.5828800	0.01	-8.78	20.00	AVRG	
Bromomethane	0.3210000	0.2596700	0.2596700	0.01	-19.11		AVRG	
Chloroethane	0.3610000	0.3576300	0.3576300	0.01	-0.93		AVRG	
1,1-Dichloroethene	0.4740000	0.4645200	0.4645200	0.01	-2.00	20.00	AVRG	
Acetone	3.5e-002	3.03e-002	3.03e-002	0.01	-13.43		AVRG	
Carbon Disulfide	1.7000000	1.6118000	1.6118000	0.01	-5.19		AVRG	
Methylene Chloride	45.853000	50.000000	0.5304800	0.01	-8.29		LINR	
1,1-Dichloroethane	0.9900000	0.9303100	0.9303100	0.1	-6.03		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.0486000	1.0486000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5510000	0.5392700	0.5392700	0.01	-2.13		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5093300	0.5093300	0.01	-5.33		AVRG	
2-Butanone	4.2e-002	4.52e-002	4.52e-002	0.01	7.62		AVRG	
Chloroform	0.9010000	0.8277300	0.8277300	0.01	-8.13	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.6831200	0.6831200	0.01	-0.56		AVRG	
Carbon Tetrachloride	0.3060000	0.3244400	0.3244400	0.01	6.03		AVRG	
Benzene	1.2690000	1.2133000	1.2133000	0.01	-4.39		AVRG	
1,2-Dichloroethane	0.3740000	0.3523600	0.3523600	0.01	-5.79		AVRG	
Trichloroethene	0.3100000	0.2862400	0.2862400	0.01	-7.66		AVRG	
1,2-Dichloropropane	0.3270000	0.3034900	0.3034900	0.01	-7.19	20.00	AVRG	
Bromodichloromethane	0.3970000	0.3822600	0.3822600	0.01	-3.71		AVRG	
cis-1,3-dichloropropene	0.4930000	0.4846500	0.4846500	0.01	-1.69		AVRG	
4-methyl-2-pentanone	288.99000	250.00000	0.2657000	0.01	15.60		LINR	
Toluene	0.7460000	0.7208800	0.7208800	0.01	-3.37	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.3882900	0.3882900	0.01	1.12		AVRG	
1,1,2-Trichloroethane	0.2040000	0.1995000	0.1995000	0.01	-2.20		AVRG	
Tetrachloroethene	0.2520000	0.2514700	0.2514700	0.01	-0.21		AVRG	
2-Hexanone	288.48000	250.00000	0.2111800	0.01	15.39		LINR	
Dibromochloromethane	0.2910000	0.3103400	0.3103400	0.01	6.65		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/29/05 Time: 0907

Lab File ID: S8165 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2420000	0.2522700	0.2522700	0.01	4.24		AVRG	
Chlorobenzene	0.9630000	0.9206800	0.9206800	0.3	-4.39		AVRG	
Ethylbenzene	1.6370000	1.5607000	1.5607000	0.01	-4.66	20.00	AVRG	
Xylenes (total)	0.0000000	1.7758000	1.7758000	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6200000	0.6022700	0.6022700	0.01	-2.86		AVRG	
o-Xylene	0.5740000	0.5712200	0.5712200	0.01	-0.48		AVRG	
Styrene	1.0000000	1.0059000	1.0059000	0.01	0.59		AVRG	
Bromoform	51.228000	50.000000	0.1908800	0.1	2.46		LINR	
1,1,2,2-Tetrachloroethane	0.6960000	0.7330200	0.7330200	0.3	5.32		AVRG	
Dibromofluoromethane	0.5060000	0.4929400	0.4929400	0.01	-2.58		AVRG	
1,2-Dichloroethane-D4	0.5240000	0.4865600	0.4865600	0.01	-7.14		AVRG	
Toluene-D8	1.0280000	1.0277000	1.0277000	0.01	-0.03		AVRG	
P-Bromofluorobenzene	0.3880000	0.3771100	0.3771100	0.01	-2.81		AVRG	

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23949-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: K1269 Lab Sample ID: WG23949-1

Instrument ID: GCMS-K Date Extracted: 12/16/05

Matrix: (soil/water) WATER Date Analyzed: 01/12/06

Level: (low/med) LOW Time Analyzed: 1405

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23949-LCS	WG23949-2	K1270	01/12/06	1455
02	3221GW0201	WV6688-1	K1325	01/15/06	2326
03	44RB1214	WV6688-2	K1326	01/16/06	0014
04	3221GW0301	WV6688-3	K1327	01/16/06	0102
05					
06					
07					
08					
09					
10					
11					
12					
13					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12-JAN-2006 14:05
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23949-1
Client ID: WG23949-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000133

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12-JAN-2006 14:05
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23949-1
Client ID: WG23949-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		83%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		64%				
118-79-6	2,4,6-Tribromophenol		80%				
1718-51-0	Terphenyl-D14		87%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG23949-2
Client ID: WG23949-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Phenol	100	NA	79	79	0-140
Bis(2-Chloroethyl)ether	50	NA	41	82	51-125
2-Chlorophenol	100	NA	89	89	59-127
1,3-Dichlorobenzene	50	NA	28	56	41- 97
1,4-Dichlorobenzene	50	NA	28	56	40- 98
1,2-Dichlorobenzene	50	NA	26	52	32-107
2-Methylphenol	100	NA	90	90	59-122
2,2'-Oxybis(1-chloropropane)	50	NA	38	76	52-120
N-Nitroso-di-n-propylamine	50	NA	37	74	55-109
4-Methylphenol	100	NA	94	94	46-139
Hexachloroethane	50	NA	27	54	23- 98
Nitrobenzene	50	NA	37	73	66-114
Isophorone	50	NA	40	81	59-114
2-Nitrophenol	100	NA	82	82	18-162
2,4-Dimethylphenol	100	NA	81	81	73-109
Bis(2-Chloroethoxy)methane	50	NA	40	80	60-122
2,4-Dichlorophenol	100	NA	82	82	60-125
1,2,4-Trichlorobenzene	50	NA	34	68	49-104
4-Chloroaniline	50	NA	16	32	21-142
Hexachlorobutadiene	50	NA	33	67	37-102
4-Chloro-3-Methylphenol	100	NA	89	89	74-120
Hexachlorocyclopentadiene	50	NA	24	48	6- 67
2,4,6-Trichlorophenol	100	NA	85	85	67-128
2,4,5-Trichlorophenol	100	NA	81	81	61-136
2-Chloronaphthalene	50	NA	30	60	53-153
2-Nitroaniline	50	NA	41	81	76-118
Dimethyl Phthalate	50	NA	43	86	38-131
2,6-Dinitrotoluene	50	NA	37	74	71-127
3-Nitroaniline	50	NA	20	41	12-178
2,4-Dinitrophenol	100	NA	77	77	53-130
Dibenzofuran	50	NA	42	84	73-120
4-Nitrophenol	100	NA	81	81	0-169
2,4-Dinitrotoluene	50	NA	39	78	68-120
Diethylphthalate	50	NA	41	82	70-120
4-Chlorophenyl-phenylether	50	NA	40	81	61-134
4-Nitroaniline	50	NA	38	76	32-127
4,6-Dinitro-2-Methylphenol	100	NA	86	86	61-148
N-Nitrosodiphenylamine	100	NA	36	36	31-177
4-Bromophenyl-phenylether	50	NA	48	95	65-149
Hexachlorobenzene	50	NA	47	94	57-154
Pentachlorophenol	100	NA	111	111	25-173
Carbazole	50	NA	45	90	36-170
Di-n-butylphthalate	50	NA	45	89	67-137
Butylbenzylphthalate	50	NA	42	84	60-130
3,3'-Dichlorobenzidine	50	NA	26	* 51	68-173

FORM III SV-1
K1270.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG23949-2
Client ID: WG23949-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	NA	47	94	49-150
Di-n-octylphthalate	50	NA	49	97	58-147

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24038-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: K1300 Lab Sample ID: WG24038-1

Instrument ID: GCMS-K Date Extracted: 12/20/05

Matrix: (soil/water) WATER Date Analyzed: 01/14/06

Level:(low/med) LOW Time Analyzed: 1107

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24038-LCS	WG24038-2	K1301	01/14/06	1156
02	WG24038-LCSD	WG24038-3	K1302	01/14/06	1245
03	3221GW0101	WV6688-4	K1406	01/23/06	1949
04					
05					
06					
07					
08					
09					
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COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 14-JAN-2006 11:07
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24038-1
Client ID: WG24038-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 14-JAN-2006 11:07
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24038-1
Client ID: WG24038-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		51%				
13127-88-3	Phenol-D6		34%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		81%				
1718-51-0	Terphenyl-D14		95%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 01/14/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24038-2 & WG24038-3
Client ID: WG24038-LCS & WG24038-LCSD
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	100	100	NA	35	32	35	32	8	30	0-140
Bis(2-Chloroethyl)ether	50	50	NA	39	37	79	74	6	30	51-125
2-Chlorophenol	100	100	NA	99	90	99	90	10	30	59-127
1,3-Dichlorobenzene	50	50	NA	32	28	65	56	14	30	41- 97
1,4-Dichlorobenzene	50	50	NA	33	28	66	57	15	30	40- 98
1,2-Dichlorobenzene	50	50	NA	28	25	56	49	13	30	32-107
2-Methylphenol	100	100	NA	84	78	84	78	7	30	59-122
2,2'-Oxybis(1-chloropropane)	50	50	NA	39	38	79	75	5	30	52-120
N-Nitroso-di-n-propylamine	50	50	NA	33	34	65	67	3	30	55-109
4-Methylphenol	100	100	NA	80	78	80	78	2	30	46-139
Hexachloroethane	50	50	NA	30	26	60	52	14	30	23- 98
Nitrobenzene	50	50	NA	38	36	76	72	5	30	66-114
Isophorone	50	50	NA	37	37	75	73	2	30	59-114
2-Nitrophenol	100	100	NA	86	78	86	78	10	30	18-162
2,4-Dimethylphenol	100	100	NA	81	79	81	79	2	30	73-109
Bis(2-Chloroethoxy)methane	50	50	NA	39	40	78	81	4	30	60-122
2,4-Dichlorophenol	100	100	NA	92	86	92	86	6	30	60-125
1,2,4-Trichlorobenzene	50	50	NA	34	30	68	60	12	30	49-104
4-Chloroaniline	50	50	NA	22	22	44	44	0.4	30	21-142
Hexachlorobutadiene	50	50	NA	33	31	66	62	6	30	37-102
4-Chloro-3-Methylphenol	100	100	NA	86	82	86	82	4	30	74-120
Hexachlorocyclopentadiene	50	50	NA	27	26	53	52	2	30	6- 67
2,4,6-Trichlorophenol	100	100	NA	91	83	91	83	10	30	67-128
2,4,5-Trichlorophenol	100	100	NA	85	82	85	82	3	30	61-136
2-Chloronaphthalene	50	50	NA	36	32	72	64	12	30	53-153
2-Nitroaniline	50	50	NA	37	37	* 74	* 73	0.5	30	76-118
Dimethyl Phthalate	50	50	NA	24	24	49	49	0.4	30	38-131
2,6-Dinitrotoluene	50	50	NA	40	38	79	77	3	30	71-127
3-Nitroaniline	50	50	NA	38	37	76	75	2	30	12-178
2,4-Dinitrophenol	100	100	NA	70	48	70	* 48	* 39	30	53-130
Dibenzofuran	50	50	NA	46	43	92	87	6	30	73-120
4-Nitrophenol	100	100	NA	36	32	36	32	13	30	0-169
2,4-Dinitrotoluene	50	50	NA	39	37	78	74	5	30	68-120
Diethylphthalate	50	50	NA	37	35	74	70	5	30	70-120
4-Chlorophenyl-phenylether	50	50	NA	46	42	92	84	10	30	61-134
4-Nitroaniline	50	50	NA	41	37	82	74	10	30	32-127
4,6-Dinitro-2-Methylphenol	100	100	NA	87	82	87	82	5	30	61-148
N-Nitrosodiphenylamine	100	100	NA	82	85	82	85	3	30	31-177
4-Bromophenyl-phenylether	50	50	NA	48	52	96	103	7	30	65-149
Hexachlorobenzene	50	50	NA	48	51	97	102	6	30	57-154
Pentachlorophenol	100	100	NA	106	111	106	111	5	30	25-173
Carbazole	50	50	NA	46	49	92	97	6	30	36-170
Di-n-butylphthalate	50	50	NA	42	42	84	84	0.2	30	67-137
Butylbenzylphthalate	50	50	NA	35	36	70	71	1	30	60-130
3,3'-Dichlorobenzidine	50	50	NA	30	36	* 61	71	15	30	68-173

FORM III SV-1
K1301.D & K1302.D

Sample Data Summary A0000142

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 01/14/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24038-2 & WG24038-3
Client ID: WG24038-LCS & WG24038-LCSD
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24038
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	50	NA	42	40	84	81	4	30	49-150
Di-n-octylphthalate	50	50	NA	40	34	80	67	18	30	58-147

FORM III SV-1

K1301.D & K1302.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24117-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: K1235 Lab Sample ID: WG24117-1

Instrument ID: GCMS-K Date Extracted: 12/22/05

Matrix: (soil/water) WATER Date Analyzed: 01/10/06

Level: (low/med) LOW Time Analyzed: 1941

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24117-LCS	WG24117-2	K1236	01/10/06	2028
02	46GW1101	WV6701-1	K1328	01/16/06	0150
03	46GW0301MS	WG24117-3	K1330	01/16/06	1011
04	46GW0301MSD	WG24117-4	K1331	01/16/06	1059
05	46GW1201	WV6701-2	K1332	01/16/06	1149
06	46GW0901	WV6701-3	K1333	01/16/06	1238
07	46GW1001	WV6701-4	K1334	01/16/06	1328
08	46RB1217	WV6701-5	K1335	01/16/06	1418
09	46GW1301	WV6701-7	K1336	01/16/06	1507
10	46GW1401	WV6701-8	K1337	01/16/06	1556
11	46GW1601	WV6701-11	K1340	01/16/06	1824
12	46GW0101	WV6766-1	K1343	01/16/06	2050
13	46GW1401D	WV6701-9	K1353	01/17/06	1841
14	46GW1501	WV6701-10	K1354	01/17/06	1930
15	46GW0201	WV6766-2	K1367	01/19/06	1814
16	46GW0801	WV6766-3	K1368	01/19/06	1901
17	46GW0701	WV6766-4	K1369	01/19/06	1950
18	46GW0301	WV6766-5	K1370	01/19/06	2038
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 19:41
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24117-1
Client ID: WG24117-Blank
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000137

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 19:41
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24117-1
Client ID: WG24117-Blank
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		87%				
118-79-6	2,4,6-Tribromophenol		86%				
1718-51-0	Terphenyl-D14		88%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 01/10/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24117-2
Client ID: WG24117-LCS
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Phenol	100	NA	41	41	0-140
Bis(2-Chloroethyl)ether	50	NA	44	89	51-125
2-Chlorophenol	100	NA	100	100	59-127
1,3-Dichlorobenzene	50	NA	32	64	41- 97
1,4-Dichlorobenzene	50	NA	33	66	40- 98
1,2-Dichlorobenzene	50	NA	30	61	32-107
2-Methylphenol	100	NA	85	85	59-122
2,2'-Oxybis(1-chloropropane)	50	NA	40	81	52-120
N-Nitroso-di-n-propylamine	50	NA	38	75	55-109
4-Methylphenol	100	NA	85	85	46-139
Hexachloroethane	50	NA	30	59	23- 98
Nitrobenzene	50	NA	40	79	66-114
Isophorone	50	NA	40	80	59-114
2-Nitrophenol	100	NA	90	90	18-162
2,4-Dimethylphenol	100	NA	77	77	73-109
Bis(2-Chloroethoxy)methane	50	NA	41	81	60-122
2,4-Dichlorophenol	100	NA	86	86	60-125
1,2,4-Trichlorobenzene	50	NA	34	68	49-104
4-Chloroaniline	50	NA	31	62	21-142
Hexachlorobutadiene	50	NA	32	64	37-102
4-Chloro-3-Methylphenol	100	NA	92	92	74-120
Hexachlorocyclopentadiene	50	NA	31	61	6- 67
2,4,6-Trichlorophenol	100	NA	84	84	67-128
2,4,5-Trichlorophenol	100	NA	84	84	61-136
2-Chloronaphthalene	50	NA	30	60	53-153
2-Nitroaniline	50	NA	44	88	76-118
Dimethyl Phthalate	50	NA	26	52	38-131
2,6-Dinitrotoluene	50	NA	39	79	71-127
3-Nitroaniline	50	NA	31	62	12-178
2,4-Dinitrophenol	100	NA	64	64	53-130
Dibenzofuran	50	NA	46	92	73-120
4-Nitrophenol	100	NA	46	46	0-169
2,4-Dinitrotoluene	50	NA	44	89	68-120
Diethylphthalate	50	NA	37	75	70-120
4-Chlorophenyl-phenylether	50	NA	45	90	61-134
4-Nitroaniline	50	NA	43	87	32-127
4,6-Dinitro-2-Methylphenol	100	NA	87	87	61-148
N-Nitrosodiphenylamine	100	NA	35	35	31-177
4-Bromophenyl-phenylether	50	NA	46	93	65-149
Hexachlorobenzene	50	NA	46	91	57-154
Pentachlorophenol	100	NA	115	115	25-173
Carbazole	50	NA	49	97	36-170
Di-n-butylphthalate	50	NA	43	86	67-137
Butylbenzylphthalate	50	NA	40	81	60-130
3,3'-Dichlorobenzidine	50	NA	34	69	68-173

FORM III SV-1
K1236.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 01/10/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24117-2
Client ID: WG24117-LCS
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	NA	43	86	49-150
Di-n-octylphthalate	50	NA	46	92	58-147

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 01/16/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24117-3 & WG24117-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	97	94	0.00	36	36	36	38	0.3	30	0-140
Bis(2-Chloroethyl)ether	48	47	0.00	42	41	86	87	2	30	51-125
2-Chlorophenol	97	94	0.00	92	90	94	95	2	30	59-127
1,3-Dichlorobenzene	48	47	0.00	30	32	62	67	5	30	41- 97
1,4-Dichlorobenzene	48	47	0.00	30	31	62	65	2	30	40- 98
1,2-Dichlorobenzene	48	47	0.00	29	29	60	62	1	30	32-107
2-Methylphenol	97	94	0.00	81	81	84	86	0.6	30	59-122
2,2'-Oxybis(1-chloropropane)	48	47	0.00	37	37	75	79	2	30	52-120
N-Nitroso-di-n-propylamine	48	47	0.00	38	36	77	77	3	30	55-109
4-Methylphenol	97	94	0.00	81	81	83	86	0.2	30	46-139
Hexachloroethane	48	47	0.00	28	28	58	59	2	30	23- 98
Nitrobenzene	48	47	0.00	36	35	73	73	3	30	66-114
Isophorone	48	47	0.00	38	36	79	76	7	30	59-114
2-Nitrophenol	97	94	0.00	82	80	84	85	2	30	18-162
2,4-Dimethylphenol	97	94	0.00	71	68	73	* 72	3	30	73-109
Bis(2-Chloroethoxy)methane	48	47	0.00	39	36	80	77	7	30	60-122
2,4-Dichlorophenol	97	94	0.00	88	84	90	89	4	30	60-125
1,2,4-Trichlorobenzene	48	47	0.00	33	32	68	68	2	30	49-104
4-Chloroaniline	48	47	0.00	31	28	63	60	8	30	21-142
Hexachlorobutadiene	48	47	0.00	32	32	66	69	0.6	30	37-102
4-Chloro-3-Methylphenol	97	94	0.00	88	84	91	89	5	30	74-120
Hexachlorocyclopentadiene	48	47	0.00	40	39	* 81	* 82	2	30	6- 67
2,4,6-Trichlorophenol	97	94	0.00	85	80	88	85	6	30	67-128
2,4,5-Trichlorophenol	97	94	0.00	85	80	87	85	6	30	61-136
2-Chloronaphthalene	48	47	0.00	30	28	61	59	6	30	53-153
2-Nitroaniline	48	47	0.00	42	39	88	83	8	30	76-118
Dimethyl Phthalate	48	47	0.00	37	35	76	74	5	30	38-131
2,6-Dinitrotoluene	48	47	0.00	39	36	81	77	8	30	71-127
3-Nitroaniline	48	47	0.00	27	25	56	53	8	30	12-178
2,4-Dinitrophenol	97	94	0.00	81	77	84	82	6	30	53-130
Dibenzofuran	48	47	0.00	44	41	91	88	6	30	73-120
4-Nitrophenol	97	94	0.00	40	36	41	38	9	30	0-169
2,4-Dinitrotoluene	48	47	0.00	42	37	86	79	11	30	68-120
Diethylphthalate	48	47	0.00	38	36	79	76	6	30	70-120
4-Chlorophenyl-phenylether	48	47	0.00	42	38	86	81	8	30	61-134
4-Nitroaniline	48	47	0.00	40	37	82	78	8	30	32-127
4,6-Dinitro-2-Methylphenol	97	94	0.00	90	86	93	91	5	30	61-148
N-Nitrosodiphenylamine	97	94	0.00	35	34	36	36	3	30	31-177
4-Bromophenyl-phenylether	48	47	0.00	49	46	101	97	6	30	65-149
Hexachlorobenzene	48	47	0.00	47	45	97	95	5	30	57-154
Pentachlorophenol	97	94	0.00	113	108	116	114	4	30	25-173
Carbazole	48	47	0.00	44	42	91	90	4	30	36-170
Di-n-butylphthalate	48	47	0.00	42	38	86	80	10	30	67-137
Butylbenzylphthalate	48	47	0.00	42	39	86	82	7	30	60-130
3,3'-Dichlorobenzidine	48	47	0.00	24	26	* 50	* 55	8	30	68-173

FORM III SV-1
K1330.D & K1331.D

Sample Data Summary A0000146

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 01/16/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24117-3 & WG24117-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	48	47	0.00	44	40	90	85	8	30	49-150
Di-n-octylphthalate	48	47	0.00	49	43	100	91	12	30	58-147

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG24117-BLANK	WG24117-1	55	40	78	87	86	88			0
02	WG24117-LCS	WG24117-2	64	41	86	86	98	95			0
03	WG23949-BLANK	WG23949-1	69	83	77	64	80	87			0
04	WG23949-LCS	WG23949-2	74	77	80	82	85	92			0
05	WG24038-BLANK	WG24038-1	51	34	74	71	81	95			0
06	WG24038-LCS	WG24038-2	53	36	76	79	93	94			0
07	WG24038-LCSD	WG24038-3	52	35	73	76	91	98			0
08	3221GW0201	WV6688-1	66	77	78	79	93	99			0
09	44RB1214	WV6688-2	78	84	82	79	93	108			0
10	3221GW0301	WV6688-3	60	73	80	78	83	94			0
11	46GW1101	WV6701-1	54	36	75	86	91	96			0
12	46GW0301MS	WG24117-3	56	38	81	84	97	104			0
13	46GW0301MSD	WG24117-4	57	38	81	81	93	95			0
14	46GW1201	WV6701-2	47	31	76	77	80	45			0
15	46GW0901	WV6701-3	55	40	82	90	95	97			0
16	46GW1001	WV6701-4	47	33	80	86	77	55			0
17	46RB1217	WV6701-5	55	40	80	92	84	89			0
18	46GW1301	WV6701-7	54	39	76	89	98	98			0
19	46GW1401	WV6701-8	50	36	88	86	72	72			0
20	46GW1601	WV6701-11	45	30	78	78	74	71			0
21	46GW0101	WV6766-1	55	37	89	93	89	92			0
22	46GW1401D	WV6701-9	44	30	77	80	70	77			0
23	46GW1501	WV6701-10	59	41	84	87	96	112			0
24	46GW0201	WV6766-2	38	26	67	76	58	80			0
25	46GW0801	WV6766-3	46	30	78	80	78	78			0
26	46GW0701	WV6766-4	54	34	74	88	85	87			0
27	46GW0301	WV6766-5	50	34	76	81	95	93			0
28	3221GW0101	WV6688-4	43	29	64	68	72	106			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(18-103)
S2 (PHL) = Phenol-D6	(11-117)
S3 (NBZ) = Nitrobenzene-D5	(48-109)
S4 (FBP) = 2-Fluorobiphenyl	(37-112)
S5 (TBP) = 2,4,6-Tribromophenol	(22-145)
S6 (TPH) = Terphenyl-D14	(39-164)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD713 DFTPP Injection Date: 01/10/06

Instrument ID: GCMS-K DFTPP Injection Time: 1245

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	52.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.8
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	12.3 (86.8)2
442	40.0 - 100.0% of mass 198	77.3
443	17.0 - 23.0% of mass 442	14.1 (18.3)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0110	K1227	01/10/06	1308
02		SSTD150K0110	K1228	01/10/06	1356
03		SSTD125K0110	K1229	01/10/06	1444
04		SSTD100K0110	K1230	01/10/06	1532
05		SSTD025K0110	K1231	01/10/06	1627
06		SSTD010K0110	K1232	01/10/06	1716
07	WG24117-BLANK	WG24117-1	K1235	01/10/06	1941
08	WG24117-LCS	WG24117-2	K1236	01/10/06	2028
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	146740	335560	536210	814510	1092100	1270500	2ORDR	-1.56e-002	0.49962516	8.102e-002	0.99731	0.99000	
Bis(2-Chloroethyl)ether	110430	249790	399640	663930	876620	1017500	LINR	-0.1632500	1.05910973		0.99106	0.99000	
2-Chlorophenol	99743	219140	346650	565080	773880	875930	LINR	-0.1717614	1.22665595		0.99170	0.99000	
1,3-Dichlorobenzene	1.428	1.358	1.268	1.154	1.020	1.034	AVRG		1.21051188		13.978	15.000	
1,4-Dichlorobenzene	1.407	1.279	1.204	1.115	0.972	0.977	AVRG		1.15921222		14.834	15.000	
1,2-Dichlorobenzene	109810	225870	354720	601170	758990	895210	2ORDR	-1.37e-002	0.74026692	0.15018075	0.99668	0.99000	
2-Methylphenol	88934	197100	327320	533530	754280	893760	LINR	-0.1127542	1.22347045		0.99612	0.99000	
2,2'-Oxybis(1-chloropropa	2.528	2.353	2.169	1.930	1.798	1.773	AVRG		2.09192093		14.785	15.000	
N-Nitroso-di-n-propylamin	76934	164860	286900	426870	628550	715520	LINR	-0.1443257	1.51416035		0.99142	0.99000	
4-Methylphenol	103430	212250	344140	537930	754070	846870	LINR	-0.1857058	1.27283172		0.99068	0.99000	
Hexachloroethane	0.487	0.499	0.488	0.461	0.417	0.410	AVRG		0.46017882		8.393	15.000	
Nitrobenzene	0.338	0.338	0.344	0.306	0.280	0.289	AVRG		0.31584506		8.821	15.000	
Isophorone	0.648	0.630	0.660	0.554	0.534	0.564	AVRG		0.59841195		9.052	15.000	
2-Nitrophenol	0.178	0.187	0.202	0.186	0.178	0.183	AVRG		0.18572279		4.805	15.000	
2,4-Dimethylphenol	0.318	0.329	0.343	0.283	0.266	0.275	AVRG		0.30239593		10.535	15.000	
Bis(2-Chloroethoxy)methan	0.461	0.430	0.419	0.356	0.345	0.365	AVRG		0.39602051		11.892	15.000	
2,4-Dichlorophenol	0.242	0.253	0.254	0.215	0.210	0.224	AVRG		0.23296324		8.225	15.000	
1,2,4-Trichlorobenzene	0.300	0.307	0.280	0.265	0.238	0.245	AVRG		0.27271074		10.452	15.000	
4-Chloroaniline	0.391	0.374	0.355	0.305	0.282	0.286	AVRG		0.33201266		14.202	15.000	
Hexachlorobutadiene	0.177	0.166	0.155	0.150	0.136	0.143	AVRG		0.15439622		9.708	15.000	
4-Chloro-3-Methylphenol	0.273	0.292	0.284	0.241	0.239	0.272	AVRG		0.26688787		8.205	15.000	
Hexachlorocyclopentadiene	0.176	0.229	0.101	0.130	0.136	0.113	AVRG		0.14750659		32.199	15.000	<
2,4,6-Trichlorophenol	0.350	0.334	0.332	0.324	0.323	0.328	AVRG		0.33180777		3.004	15.000	
2,4,5-Trichlorophenol	0.351	0.362	0.335	0.347	0.343	0.346	AVRG		0.34737668		2.582	15.000	
2-Chloronaphthalene	0.434	0.382	0.364	0.344	0.312	0.321	AVRG		0.35960103		12.497	15.000	
2-Nitroaniline	0.337	0.356	0.310	0.326	0.317	0.339	AVRG		0.33085025		5.104	15.000	
Dimethyl Phthalate	1.177	1.098	1.082	0.995	0.954	1.023	AVRG		1.05482910		7.618	15.000	
2,6-Dinitrotoluene	0.274	0.287	0.282	0.284	0.269	0.278	AVRG		0.27886267		2.428	15.000	
3-Nitroaniline	0.255	0.285	0.279	0.303	0.283	0.315	AVRG		0.28674640		7.275	15.000	
2,4-Dinitrophenol	8448	37914	79852	176260	249530	369140	2ORDR	0.10725693	7.04283485	-2.9313019	0.99622	0.99000	
Dibenzofuran	1.472	1.376	1.264	1.187	1.126	1.098	AVRG		1.25372473		11.707	15.000	
4-Nitrophenol	11478	32629	61328	121380	167240	218700	LINR	9.693e-002	8.24537197		0.99686	0.99000	
2,4-Dinitrotoluene	0.316	0.356	0.335	0.362	0.339	0.378	AVRG		0.34790401		6.332	15.000	
Diethylphthalate	1.130	1.130	1.065	1.014	0.969	1.036	AVRG		1.05723411		6.100	15.000	
4-Chlorophenyl-phenylethe	0.607	0.547	0.525	0.487	0.454	0.463	AVRG		0.51379334		11.230	15.000	
4-Nitroaniline	0.262	0.272	0.269	0.292	0.266	0.292	AVRG		0.27553792		4.847	15.000	
4,6-Dinitro-2-Methylpheno	20854	68513	122300	231900	320880	454830	LINR	0.10306146	6.86197487		0.99654	0.99000	
N-Nitrosodiphenylamine	0.587	0.610	0.546	0.493	0.497	0.486	AVRG		0.53669838		9.933	15.000	
4-Bromophenyl-phenylether	0.229	0.224	0.204	0.176	0.180	0.181	AVRG		0.19898019		11.706	15.000	
Hexachlorobenzene	0.293	0.274	0.249	0.220	0.225	0.215	AVRG		0.24594310		12.965	15.000	
Pentachlorophenol	0.112	0.146	0.143	0.147	0.149	0.146	AVRG		0.14035424		10.103	15.000	
Carbazole	0.869	0.873	0.844	0.811	0.759	0.769	AVRG		0.82090332		6.006	15.000	
Di-n-butylphthalate	1.178	1.202	1.208	1.052	0.990	0.990	AVRG		1.10337703		9.453	15.000	
Butylbenzylphthalate	0.468	0.511	0.512	0.483	0.502	0.528	AVRG		0.50101360		4.353	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2
3,3'-Dichlorobenzidine	0.213	0.256	0.269	0.274	0.284	0.287	AVRG		0.26368604		10.292	15.000
bis(2-Ethylhexyl)phthalat	0.564	0.594	0.670	0.595	0.628	0.678	AVRG		0.62159753		7.298	15.000
Di-n-octylphthalate	1.017	1.307	1.460	1.492	1.472	1.538	AVRG		1.38096089		14.088	15.000
2-Fluorophenol	1.241	1.212	1.166	1.007	0.935	0.946	AVRG		1.08439894		12.692	15.000
Phenol-D6	1.496	1.519	1.452	1.247	1.234	1.216	AVRG		1.36073544		10.455	15.000
Nitrobenzene-D5	0.306	0.320	0.333	0.306	0.293	0.307	AVRG		0.31090830		4.389	15.000
2-Fluorobiphenyl	1.203	1.097	1.054	0.982	0.964	0.919	AVRG		1.03656811		9.995	15.000
2,4,6-Tribromophenol	0.199	0.224	0.219	0.222	0.200	0.221	AVRG		0.21441239		5.343	15.000
Terphenyl-D14	0.702	0.787	0.728	0.717	0.714	0.734	AVRG		0.73021635		4.125	15.000

Average %RSD test result.

Calculate Average %RSD: 10.53704834
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD718 DFTPP Injection Date: 01/15/06

Instrument ID: GCMS-K DFTPP Injection Time: 1409

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	55.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	54.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	8.2
275	10.0 - 30.0% of mass 198	24.0
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	8.5 (53.1)2
442	40.0 - 100.0% of mass 198	79.7
443	17.0 - 23.0% of mass 442	16.0 (20.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0115	K1314	01/15/06	1432
02	3221GW0201	WV6688-1	K1325	01/15/06	2326
03	44RB1214	WV6688-2	K1326	01/16/06	0014
04	3221GW0301	WV6688-3	K1327	01/16/06	0102
05	46GW1101	WV6701-1	K1328	01/16/06	0150
06					
07					
08					
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12					
13					
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15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/15/06 Time: 1432

Lab File ID: K1314 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	51.040000	50.000000	1.5691000	0.01	2.08	20.00	2RDR
Bis(2-Chloroethyl)ether	57.080000	50.000000	1.2012000	0.01	14.16	100.00	LINR
2-Chlorophenol	58.119000	50.000000	1.0596000	0.01	16.24	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2649000	1.2649000	0.01	4.54	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.2312000	1.2312000	0.01	6.23	20.00	AVRG
1,2-Dichlorobenzene	51.843000	50.000000	1.1055000	0.01	3.69	100.00	2RDR
2-Methylphenol	59.816000	50.000000	1.0515000	0.01	19.63	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0751000	2.0751000	0.01	-0.81	100.00	AVRG
N-Nitroso-di-n-propylamine	55.481000	50.000000	0.8090800	0.05	10.96	100.00	LINR
4-Methylphenol	60.528000	50.000000	1.0678000	0.01	21.06	100.00	LINR
Hexachloroethane	0.4600000	0.4808900	0.4808900	0.01	4.54	100.00	AVRG
Nitrobenzene	0.3160000	0.3000000	0.3000000	0.01	-5.06	100.00	AVRG
Isophorone	0.5980000	0.5671200	0.5671200	0.01	-5.16	100.00	AVRG
2-Nitrophenol	0.1860000	0.1808400	0.1808400	0.01	-2.77	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3097000	0.3097000	0.01	2.55	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3978400	0.3978400	0.01	0.46	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2455500	0.2455500	0.01	5.39	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2800800	0.2800800	0.01	2.97	100.00	AVRG
4-Chloroaniline	0.3320000	0.3328500	0.3328500	0.01	0.26	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1578400	0.1578400	0.01	2.49	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.3078900	0.3078900	0.01	15.32	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2478700	0.2478700	0.05	67.48	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3197100	0.3197100	0.01	-3.70	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3485000	0.3485000	0.01	0.43	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3664200	0.3664200	0.01	1.78	100.00	AVRG
2-Nitroaniline	0.3310000	0.2892800	0.2892800	0.01	-12.60	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0734000	1.0734000	0.01	1.74	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2811300	0.2811300	0.01	0.76	100.00	AVRG
3-Nitroaniline	0.2870000	0.2695600	0.2695600	0.01	-6.08	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/15/06 Time: 1432

Lab File ID: K1314 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	49.760000	50.000000	0.1392100	0.05	-0.48	100.00	2RDR
Dibenzofuran	1.2540000	1.2479000	1.2479000	0.01	-0.49	100.00	AVRG
4-Nitrophenol	42.765000	50.000000	9.43e-002	0.05	-14.47	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3586300	0.3586300	0.01	3.05	100.00	AVRG
Diethylphthalate	1.0570000	1.0709000	1.0709000	0.01	1.32	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.5101800	0.5101800	0.01	-0.74	100.00	AVRG
4-Nitroaniline	0.2760000	0.2514500	0.2514500	0.01	-8.89	100.00	AVRG
4,6-Dinitro-2-Methylphenol	46.932000	50.000000	0.1247700	0.01	-6.14	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5477700	0.5477700	0.01	2.20	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.2169200	0.2169200	0.01	9.00	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2555700	0.2555700	0.01	3.89	100.00	AVRG
Pentachlorophenol	0.1400000	0.1363600	0.1363600	0.01	-2.60	20.00	AVRG
Carbazole	0.8210000	0.7763800	0.7763800	0.01	-5.43	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.1163000	1.1163000	0.01	1.20	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4697700	0.4697700	0.01	-6.23	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2271000	0.2271000	0.01	-13.98	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5970600	0.5970600	0.01	-4.01	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.4283000	1.4283000	0.01	3.42	20.00	AVRG
2-Fluorophenol	1.0840000	1.1021000	1.1021000	0.01	1.67	100.00	AVRG
Phenol-D6	1.3610000	1.3608000	1.3608000	0.01	-0.01	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2741600	0.2741600	0.01	-11.85	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9958700	0.9958700	0.01	-3.87	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.2183700	0.2183700	0.01	2.04	100.00	AVRG
Terphenyl-D14	0.7300000	0.7574700	0.7574700	0.01	3.76	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD719 DFTPP Injection Date: 01/16/06

Instrument ID: GCMS-K DFTPP Injection Time: 0857

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	27.1
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	1.4 (7.8)2
442	40.0 - 100.0% of mass 198	78.8
443	17.0 - 23.0% of mass 442	17.6 (22.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0116	K1329	01/16/06	0920
02	46GW0301MS	WG24117-3	K1330	01/16/06	1011
03	46GW0301MSD	WG24117-4	K1331	01/16/06	1059
04	46GW1201	WV6701-2	K1332	01/16/06	1149
05	46GW0901	WV6701-3	K1333	01/16/06	1238
06	46GW1001	WV6701-4	K1334	01/16/06	1328
07	46RB1217	WV6701-5	K1335	01/16/06	1418
08	46GW1301	WV6701-7	K1336	01/16/06	1507
09	46GW1401	WV6701-8	K1337	01/16/06	1556
10	46GW1601	WV6701-11	K1340	01/16/06	1824
11	46GW0101	WV6766-1	K1343	01/16/06	2050
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/16/06 Time: 0920

Lab File ID: K1329 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	51.698000	50.000000	1.5852000	0.01	3.40	20.00	2RDR
Bis(2-Chloroethyl)ether	54.323000	50.000000	1.1491000	0.01	8.65	100.00	LINR
2-Chlorophenol	57.231000	50.000000	1.0451000	0.01	14.46	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2197000	1.2197000	0.01	0.80	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1788000	1.1788000	0.01	1.71	20.00	AVRG
1,2-Dichlorobenzene	49.192000	50.000000	1.0593000	0.01	-1.62	100.00	2RDR
2-Methylphenol	57.731000	50.000000	1.0174000	0.01	15.46	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0912000	2.0912000	0.01	-0.04	100.00	AVRG
N-Nitroso-di-n-propylamine	55.400000	50.000000	0.8080200	0.05	10.80	100.00	LINR
4-Methylphenol	59.556000	50.000000	1.0525000	0.01	19.11	100.00	LINR
Hexachloroethane	0.4600000	0.4870800	0.4870800	0.01	5.89	100.00	AVRG
Nitrobenzene	0.3160000	0.3180300	0.3180300	0.01	0.64	100.00	AVRG
Isophorone	0.5980000	0.5638400	0.5638400	0.01	-5.71	100.00	AVRG
2-Nitrophenol	0.1860000	0.1831500	0.1831500	0.01	-1.53	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3113700	0.3113700	0.01	3.10	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3845600	0.3845600	0.01	-2.89	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2401200	0.2401200	0.01	3.06	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2761000	0.2761000	0.01	1.51	100.00	AVRG
4-Chloroaniline	0.3320000	0.3332200	0.3332200	0.01	0.37	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1563500	0.1563500	0.01	1.53	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2582300	0.2582300	0.01	-3.28	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2609500	0.2609500	0.05	76.32	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3332700	0.3332700	0.01	0.38	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3575100	0.3575100	0.01	3.03	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3560600	0.3560600	0.01	-1.09	100.00	AVRG
2-Nitroaniline	0.3310000	0.2854700	0.2854700	0.01	-13.76	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0749000	1.0749000	0.01	1.89	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2767800	0.2767800	0.01	-0.80	100.00	AVRG
3-Nitroaniline	0.2870000	0.2662600	0.2662600	0.01	-7.23	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/16/06 Time: 0920

Lab File ID: K1329 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	51.887000	50.000000	0.1463000	0.05	3.77	100.00	2RDR	
Dibenzofuran	1.2540000	1.1998000	1.1998000	0.01	-4.32	100.00	AVRG	
4-Nitrophenol	42.732000	50.000000	9.42e-002	0.05	-14.54	100.00	LINR	
2,4-Dinitrotoluene	0.3480000	0.3463900	0.3463900	0.01	-0.46	100.00	AVRG	
Diethylphthalate	1.0570000	1.0552000	1.0552000	0.01	-0.17	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5140000	0.5090000	0.5090000	0.01	-0.97	100.00	AVRG	
4-Nitroaniline	0.2760000	0.2489200	0.2489200	0.01	-9.81	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	51.151000	50.000000	0.1370700	0.01	2.30	100.00	LINR	
N-Nitrosodiphenylamine	0.5360000	0.5534700	0.5534700	0.01	3.26	20.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2081600	0.2081600	0.01	4.60	100.00	AVRG	
Hexachlorobenzene	0.2460000	0.2599500	0.2599500	0.01	5.67	100.00	AVRG	
Pentachlorophenol	0.1400000	0.1499400	0.1499400	0.01	7.10	20.00	AVRG	
Carbazole	0.8210000	0.8197000	0.8197000	0.01	-0.16	100.00	AVRG	
Di-n-butylphthalate	1.1030000	1.1709000	1.1709000	0.01	6.16	100.00	AVRG	
Butylbenzylphthalate	0.5010000	0.5086200	0.5086200	0.01	1.52	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2640000	0.2162200	0.2162200	0.01	-18.10	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6220000	0.6568600	0.6568600	0.01	5.60	100.00	AVRG	
Di-n-octylphthalate	1.3810000	1.7510000	1.7510000	0.01	26.79	20.00	AVRG	<-
2-Fluorophenol	1.0840000	1.1021000	1.1021000	0.01	1.67	100.00	AVRG	
Phenol-D6	1.3610000	1.4096000	1.4096000	0.01	3.57	100.00	AVRG	
Nitrobenzene-D5	0.3110000	0.3119100	0.3119100	0.01	0.29	100.00	AVRG	
2-Fluorobiphenyl	1.0360000	1.0009000	1.0009000	0.01	-3.39	100.00	AVRG	
2,4,6-Tribromophenol	0.2140000	0.1961400	0.1961400	0.01	-8.34	100.00	AVRG	
Terphenyl-D14	0.7300000	0.7797700	0.7797700	0.01	6.82	100.00	AVRG	

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD720 DFTPP Injection Date: 01/17/06

Instrument ID: GCMS-K DFTPP Injection Time: 1051

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.5
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	51.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 30.0% of mass 198	24.1
365	1.0 - 100.0% of mass 198	3.2
441	0.0 - 100.0% of mass 443	4.3 (26.0)2
442	40.0 - 100.0% of mass 198	74.9
443	17.0 - 23.0% of mass 442	16.7 (22.3)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0117	K1344	01/17/06	1115
02	46GW1401D	WV6701-9	K1353	01/17/06	1841
03	46GW1501	WV6701-10	K1354	01/17/06	1930
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/17/06 Time: 1115

Lab File ID: K1344 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	47.461000	50.000000	1.4805000	0.01	-5.08	20.00	2RDR
Bis(2-Chloroethyl)ether	52.676000	50.000000	1.1180000	0.01	5.35	100.00	LINR
2-Chlorophenol	55.600000	50.000000	1.0186000	0.01	11.20	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2034000	1.2034000	0.01	-0.54	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1156000	1.1156000	0.01	-3.74	20.00	AVRG
1,2-Dichlorobenzene	48.908000	50.000000	1.0543000	0.01	-2.18	100.00	2RDR
2-Methylphenol	57.960000	50.000000	1.0212000	0.01	15.92	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0769000	2.0769000	0.01	-0.72	100.00	AVRG
N-Nitroso-di-n-propylamine	57.244000	50.000000	0.8323700	0.05	14.49	100.00	LINR
4-Methylphenol	58.790000	50.000000	1.0405000	0.01	17.58	100.00	LINR
Hexachloroethane	0.4600000	0.4730200	0.4730200	0.01	2.83	100.00	AVRG
Nitrobenzene	0.3160000	0.2997900	0.2997900	0.01	-5.13	100.00	AVRG
Isophorone	0.5980000	0.5797500	0.5797500	0.01	-3.05	100.00	AVRG
2-Nitrophenol	0.1860000	0.1887200	0.1887200	0.01	1.46	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3130600	0.3130600	0.01	3.66	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3861400	0.3861400	0.01	-2.49	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2458100	0.2458100	0.01	5.50	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2730300	0.2730300	0.01	0.38	100.00	AVRG
4-Chloroaniline	0.3320000	0.3265200	0.3265200	0.01	-1.65	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1524400	0.1524400	0.01	-1.01	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2759200	0.2759200	0.01	3.34	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2274800	0.2274800	0.05	53.70	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3073200	0.3073200	0.01	-7.43	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3419000	0.3419000	0.01	-1.47	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3362900	0.3362900	0.01	-6.59	100.00	AVRG
2-Nitroaniline	0.3310000	0.2887200	0.2887200	0.01	-12.77	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0322000	1.0322000	0.01	-2.16	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2785100	0.2785100	0.01	-0.18	100.00	AVRG
3-Nitroaniline	0.2870000	0.2801000	0.2801000	0.01	-2.40	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/17/06 Time: 1115

Lab File ID: K1344 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	53.842000	50.000000	0.1528700	0.05	7.68	100.00	2RDR
Dibenzofuran	1.2540000	1.1571000	1.1571000	0.01	-7.73	100.00	AVRG
4-Nitrophenol	47.683000	50.000000	0.1062500	0.05	-4.63	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3598300	0.3598300	0.01	3.40	100.00	AVRG
Diethylphthalate	1.0570000	1.0472000	1.0472000	0.01	-0.93	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.5066400	0.5066400	0.01	-1.43	100.00	AVRG
4-Nitroaniline	0.2760000	0.2766100	0.2766100	0.01	0.22	100.00	AVRG
4,6-Dinitro-2-Methylphenol	49.766000	50.000000	0.1330300	0.01	-0.47	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5293300	0.5293300	0.01	-1.24	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1920600	0.1920600	0.01	-3.49	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2363900	0.2363900	0.01	-3.91	100.00	AVRG
Pentachlorophenol	0.1400000	0.1426600	0.1426600	0.01	1.90	20.00	AVRG
Carbazole	0.8210000	0.8109600	0.8109600	0.01	-1.22	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.1293000	1.1293000	0.01	2.38	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.5030800	0.5030800	0.01	0.42	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2295400	0.2295400	0.01	-13.05	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.6409000	0.6409000	0.01	3.04	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.5070000	1.5070000	0.01	9.12	20.00	AVRG
2-Fluorophenol	1.0840000	1.0487000	1.0487000	0.01	-3.26	100.00	AVRG
Phenol-D6	1.3610000	1.3534000	1.3534000	0.01	-0.56	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2912000	0.2912000	0.01	-6.37	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9256800	0.9256800	0.01	-10.65	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.2043700	0.2043700	0.01	-4.50	100.00	AVRG
Terphenyl-D14	0.7300000	0.7631300	0.7631300	0.01	4.54	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD722 DFTPP Injection Date: 01/19/06

Instrument ID: GCMS-K DFTPP Injection Time: 1526

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	50.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	44.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	20.7
365	1.0 - 100.0% of mass 198	2.0
441	0.0 - 100.0% of mass 443	7.3 (55.4)2
442	40.0 - 100.0% of mass 198	70.2
443	17.0 - 23.0% of mass 442	13.1 (18.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0119	K1364	01/19/06	1549
02	46GW0201	WV6766-2	K1367	01/19/06	1814
03	46GW0801	WV6766-3	K1368	01/19/06	1901
04	46GW0701	WV6766-4	K1369	01/19/06	1950
05	46GW0301	WV6766-5	K1370	01/19/06	2038
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/19/06 Time: 1549

Lab File ID: K1364 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	48.900000	50.000000	1.5164000	0.01	-2.20	20.00	2RDR
Bis(2-Chloroethyl)ether	52.882000	50.000000	1.1219000	0.01	5.76	100.00	LINR
2-Chlorophenol	54.576000	50.000000	1.0018000	0.01	9.15	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.1628000	1.1628000	0.01	-3.90	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1430000	1.1430000	0.01	-1.38	20.00	AVRG
1,2-Dichlorobenzene	48.060000	50.000000	1.0393000	0.01	-3.88	100.00	2RDR
2-Methylphenol	49.873000	50.000000	0.8889900	0.01	-0.25	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0007000	2.0007000	0.01	-4.36	100.00	AVRG
N-Nitroso-di-n-propylamine	50.008000	50.000000	0.7368000	0.05	0.02	100.00	LINR
4-Methylphenol	53.736000	50.000000	0.9610700	0.01	7.47	100.00	LINR
Hexachloroethane	0.4600000	0.4401800	0.4401800	0.01	-4.31	100.00	AVRG
Nitrobenzene	0.3160000	0.2808200	0.2808200	0.01	-11.13	100.00	AVRG
Isophorone	0.5980000	0.5382400	0.5382400	0.01	-9.99	100.00	AVRG
2-Nitrophenol	0.1860000	0.1757900	0.1757900	0.01	-5.49	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.2812600	0.2812600	0.01	-6.87	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3624100	0.3624100	0.01	-8.48	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2360600	0.2360600	0.01	1.31	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2635500	0.2635500	0.01	-3.11	100.00	AVRG
4-Chloroaniline	0.3320000	0.3092300	0.3092300	0.01	-6.86	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1563000	0.1563000	0.01	1.49	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2498800	0.2498800	0.01	-6.41	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2342100	0.2342100	0.05	58.25	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.2920400	0.2920400	0.01	-12.04	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3271100	0.3271100	0.01	-5.73	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.2977300	0.2977300	0.01	-17.30	100.00	AVRG
2-Nitroaniline	0.3310000	0.2756900	0.2756900	0.01	-16.71	100.00	AVRG
Dimethyl Phthalate	1.0550000	0.9691000	0.9691000	0.01	-8.14	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2655600	0.2655600	0.01	-4.82	100.00	AVRG
3-Nitroaniline	0.2870000	0.2547100	0.2547100	0.01	-11.25	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/19/06 Time: 1549

Lab File ID: K1364 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	46.979000	50.000000	0.1300200	0.05	-6.04	100.00	2RDR
Dibenzofuran	1.2540000	1.1434000	1.1434000	0.01	-8.82	100.00	AVRG
4-Nitrophenol	41.800000	50.000000	9.2e-002	0.05	-16.40	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3275700	0.3275700	0.01	-5.87	100.00	AVRG
Diethylphthalate	1.0570000	0.9711400	0.9711400	0.01	-8.12	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4754100	0.4754100	0.01	-7.51	100.00	AVRG
4-Nitroaniline	0.2760000	0.2498900	0.2498900	0.01	-9.46	100.00	AVRG
4,6-Dinitro-2-Methylphenol	47.218000	50.000000	0.1256100	0.01	-5.56	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5035700	0.5035700	0.01	-6.05	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1922100	0.1922100	0.01	-3.41	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2367600	0.2367600	0.01	-3.76	100.00	AVRG
Pentachlorophenol	0.1400000	0.1342700	0.1342700	0.01	-4.09	20.00	AVRG
Carbazole	0.8210000	0.7468700	0.7468700	0.01	-9.03	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.0567000	1.0567000	0.01	-4.20	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4397400	0.4397400	0.01	-12.23	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2066000	0.2066000	0.01	-21.74	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5581200	0.5581200	0.01	-10.27	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.4257000	1.4257000	0.01	3.24	20.00	AVRG
2-Fluorophenol	1.0840000	1.1317000	1.1317000	0.01	4.40	100.00	AVRG
Phenol-D6	1.3610000	1.2852000	1.2852000	0.01	-5.57	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2717600	0.2717600	0.01	-12.62	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9193200	0.9193200	0.01	-11.26	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1880700	0.1880700	0.01	-12.12	100.00	AVRG
Terphenyl-D14	0.7300000	0.6708000	0.6708000	0.01	-8.11	100.00	AVRG

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD724 DFTPP Injection Date: 01/23/06

Instrument ID: GCMS-K DFTPP Injection Time: 1030

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	58.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.2
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	10.2 (80.5)2
442	40.0 - 100.0% of mass 198	66.1
443	17.0 - 23.0% of mass 442	12.7 (19.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0123	K1395	01/23/06	1056
02	3221GW0101	WV6688-4	K1406	01/23/06	1949
03					
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/23/06 Time: 1056

Lab File ID: K1395 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	46.847000	50.000000	1.4652000	0.01	-6.31	20.00	2RDR
Bis(2-Chloroethyl)ether	51.997000	50.000000	1.1052000	0.01	3.99	100.00	LINR
2-Chlorophenol	52.241000	50.000000	0.9637800	0.01	4.48	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.1142000	1.1142000	0.01	-7.92	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.0800000	1.0800000	0.01	-6.82	20.00	AVRG
1,2-Dichlorobenzene	44.650000	50.000000	0.9783800	0.01	-10.70	100.00	2RDR
2-Methylphenol	49.546000	50.000000	0.8836600	0.01	-0.91	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	1.9567000	1.9567000	0.01	-6.47	100.00	AVRG
N-Nitroso-di-n-propylamine	50.429000	50.000000	0.7423500	0.05	0.86	100.00	LINR
4-Methylphenol	52.973000	50.000000	0.9490900	0.01	5.95	100.00	LINR
Hexachloroethane	0.4600000	0.4369000	0.4369000	0.01	-5.02	100.00	AVRG
Nitrobenzene	0.3160000	0.2877900	0.2877900	0.01	-8.93	100.00	AVRG
Isophorone	0.5980000	0.5495400	0.5495400	0.01	-8.10	100.00	AVRG
2-Nitrophenol	0.1860000	0.1706800	0.1706800	0.01	-8.24	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.2754800	0.2754800	0.01	-8.78	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3660500	0.3660500	0.01	-7.56	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2236700	0.2236700	0.01	-4.00	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2510500	0.2510500	0.01	-7.70	100.00	AVRG
4-Chloroaniline	0.3320000	0.2985000	0.2985000	0.01	-10.09	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1326700	0.1326700	0.01	-13.85	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2452000	0.2452000	0.01	-8.16	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2206700	0.2206700	0.05	49.10	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.2977500	0.2977500	0.01	-10.32	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3126700	0.3126700	0.01	-9.89	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3135400	0.3135400	0.01	-12.91	100.00	AVRG
2-Nitroaniline	0.3310000	0.2684500	0.2684500	0.01	-18.90	100.00	AVRG
Dimethyl Phthalate	1.0550000	0.9706100	0.9706100	0.01	-8.00	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2503100	0.2503100	0.01	-10.28	100.00	AVRG
3-Nitroaniline	0.2870000	0.2411400	0.2411400	0.01	-15.98	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/23/06 Time: 1056

Lab File ID: K1395 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	47.696000	50.000000	0.1323800	0.05	-4.61	100.00	2RDR
Dibenzofuran	1.2540000	1.1018000	1.1018000	0.01	-12.14	100.00	AVRG
4-Nitrophenol	39.706000	50.000000	8.69e-002	0.05	-20.59	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3219400	0.3219400	0.01	-7.49	100.00	AVRG
Diethylphthalate	1.0570000	0.9536800	0.9536800	0.01	-9.77	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4533300	0.4533300	0.01	-11.80	100.00	AVRG
4-Nitroaniline	0.2760000	0.2307900	0.2307900	0.01	-16.38	100.00	AVRG
4,6-Dinitro-2-Methylphenol	45.580000	50.000000	0.1208300	0.01	-8.84	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5003000	0.5003000	0.01	-6.66	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1885400	0.1885400	0.01	-5.26	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2220300	0.2220300	0.01	-9.74	100.00	AVRG
Pentachlorophenol	0.1400000	0.1299800	0.1299800	0.01	-7.16	20.00	AVRG
Carbazole	0.8210000	0.7182900	0.7182900	0.01	-12.51	100.00	AVRG
Di-n-butylphthalate	1.1030000	0.9844300	0.9844300	0.01	-10.75	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4402600	0.4402600	0.01	-12.12	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2082000	0.2082000	0.01	-21.14	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5351800	0.5351800	0.01	-13.96	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.1891000	1.1891000	0.01	-13.90	20.00	AVRG
2-Fluorophenol	1.0840000	1.0192000	1.0192000	0.01	-5.98	100.00	AVRG
Phenol-D6	1.3610000	1.2763000	1.2763000	0.01	-6.22	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2753100	0.2753100	0.01	-11.48	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.8975100	0.8975100	0.01	-13.37	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1678800	0.1678800	0.01	-21.55	100.00	AVRG
Terphenyl-D14	0.7300000	0.6755500	0.6755500	0.01	-7.46	100.00	AVRG

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23950-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: U3320 Lab Sample ID: WG23950-1

Instrument ID: GCMS-U Date Extracted: 12/16/05

Matrix: (soil/water) WATER Date Analyzed: 01/06/06

Level: (low/med) LOW Time Analyzed: 1620

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23950-LCS	WG23950-2	U3321	01/06/06	1706
02	3221GW0201	WV6688-1	U3382	01/09/06	1510
03	44RB1214	WV6688-2	U3383	01/09/06	1556
04	3221GW0301	WV6688-3	U3384	01/09/06	1641
05					
06					
07					
08					
09					
10					
11					
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13					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 06-JAN-2006 16:20
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23950-1
Client ID: WG23950-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		69%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		97%				

Sample Data Summary A0000537

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/06/06
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG23950-2
Client ID: WG23950-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	2.0	NA	1.7	84	30-150
2-Methylnaphthalene	2.0	NA	2.3	114	30-150
Acenaphthylene	2.0	NA	1.8	91	30-150
Acenaphthene	2.0	NA	1.8	88	30-150
Fluorene	2.0	NA	2.0	99	30-150
Phenanthrene	2.0	NA	2.1	104	30-150
Anthracene	2.0	NA	1.9	94	30-150
Fluoranthene	2.0	NA	1.9	96	30-150
Pyrene	2.0	NA	1.8	88	30-150
Benzo(a)anthracene	2.0	NA	1.8	88	30-150
Chrysene	2.0	NA	2.0	100	30-150
Benzo(b)fluoranthene	2.0	NA	1.8	89	30-150
Benzo(k)fluoranthene	2.0	NA	2.0	102	30-150
Benzo(a)pyrene	2.0	NA	2.0	100	30-150
Indeno(1,2,3-cd)pyrene	2.0	NA	2.0	100	30-150
Dibenzo(a,h)anthracene	2.0	NA	1.9	97	30-150
Benzo(g,h,i)perylene	2.0	NA	2.0	100	30-150

FORM III SV-1

U3321.D

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24039-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: U3338 Lab Sample ID: WG24039-1

Instrument ID: GCMS-U Date Extracted: 12/20/05

Matrix: (soil/water) WATER Date Analyzed: 01/07/06

Level:(low/med) LOW Time Analyzed: 1002

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24039-LCS	WG24039-2	U3339	01/07/06	1048
02	WG24039-LCSD	WG24039-3	U3340	01/07/06	1133
03	3221GW0101	WV6688-4	U3445	01/13/06	2100
04					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 07-JAN-2006 10:02
Report Date: 01/14/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24039-1
Client ID: WG24039-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24039
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		108%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 01/07/06
Report Date: 01/14/2006
Matrix: WATER

Lab ID: WG24039-2 & WG24039-3
Client ID: WG24039-LCS & WG24039-LCSD
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24039
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.7	1.7	86	84	3	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	2.4	2.3	121	116	4	30	30-150
Acenaphthylene	2.0	2.0	NA	2.0	1.8	100	90	11	30	30-150
Acenaphthene	2.0	2.0	NA	1.9	1.7	93	86	8	30	30-150
Fluorene	2.0	2.0	NA	2.1	1.9	105	97	8	30	30-150
Phenanthrene	2.0	2.0	NA	2.2	2.0	108	102	6	30	30-150
Anthracene	2.0	2.0	NA	2.0	1.9	100	95	5	30	30-150
Fluoranthene	2.0	2.0	NA	2.4	2.1	118	107	9	30	30-150
Pyrene	2.0	2.0	NA	2.0	1.8	100	92	8	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	2.3	2.0	114	100	13	30	30-150
Chrysene	2.0	2.0	NA	2.1	1.9	106	95	10	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	2.2	2.0	111	100	10	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	2.3	2.1	117	104	12	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	2.4	2.1	120	106	12	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	2.0	1.8	101	88	13	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	1.9	1.7	97	84	14	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	2.0	1.8	100	88	12	30	30-150

FORM III SV-1

U3339.D & U3340.D

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24116-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: U3368 Lab Sample ID: WG24116-1

Instrument ID: GCMS-U Date Extracted: 12/22/05

Matrix: (soil/water) WATER Date Analyzed: 01/09/06

Level: (low/med) LOW Time Analyzed: 0015

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24116-LCS	WG24116-2	U3369	01/09/06	0100
02	46GW0301MS	WG24116-3	U3370	01/09/06	0145
03	46GW0301MSD	WG24116-4	U3381	01/09/06	1425
04	46GW1101	WV6701-1	U3385	01/09/06	1727
05	46GW1201	WV6701-2	U3386	01/09/06	1812
06	46GW0901	WV6701-3	U3387	01/09/06	1857
07	46GW1001	WV6701-4	U3388	01/09/06	1943
08	46RB1217	WV6701-5	U3389	01/09/06	2028
09	46GW1301	WV6701-7	U3398	01/10/06	1453
10	46GW1401	WV6701-8	U3399	01/10/06	1537
11	46GW1401D	WV6701-9	U3400	01/10/06	1622
12	46GW1501	WV6701-10	U3401	01/10/06	1707
13	46GW1601	WV6701-11	U3402	01/10/06	1751
14	46GW0101	WV6766-1	U3403	01/10/06	1836
15	46GW0201	WV6766-2	U3404	01/10/06	1921
16	46GW0801	WV6766-3	U3405	01/10/06	2006
17	46GW0701	WV6766-4	U3406	01/10/06	2051
18	46GW0301	WV6766-5	U3407	01/10/06	2136
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 09-JAN-2006 00:15
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24116-1
Client ID: WG24116-Blank
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		105%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 01/09/06
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24116-2
Client ID: WG24116-LCS
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	2.0	NA	1.8	91	30-150
2-Methylnaphthalene	2.0	NA	1.7	85	30-150
Acenaphthylene	2.0	NA	1.8	88	30-150
Acenaphthene	2.0	NA	1.7	87	30-150
Fluorene	2.0	NA	1.8	90	30-150
Phenanthrene	2.0	NA	2.0	101	30-150
Anthracene	2.0	NA	1.9	96	30-150
Fluoranthene	2.0	NA	1.8	92	30-150
Pyrene	2.0	NA	1.8	91	30-150
Benzo(a)anthracene	2.0	NA	1.6	82	30-150
Chrysene	2.0	NA	2.0	100	30-150
Benzo(b)fluoranthene	2.0	NA	1.5	76	30-150
Benzo(k)fluoranthene	2.0	NA	2.2	110	30-150
Benzo(a)pyrene	2.0	NA	2.1	105	30-150
Indeno(1,2,3-cd)pyrene	2.0	NA	1.7	84	30-150
Dibenzo(a,h)anthracene	2.0	NA	1.4	72	30-150
Benzo(g,h,i)perylene	2.0	NA	1.9	93	30-150

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 01/09/06
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG24116-3 & WG24116-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	1.9	1.9	0.00	1.8	1.6	95	80	16	30	30-150
2-Methylnaphthalene	1.9	1.9	0.00	1.7	1.7	86	85	1	30	30-150
Acenaphthylene	1.9	1.9	0.00	1.7	1.5	86	79	8	30	30-150
Acenaphthene	1.9	1.9	0.00	1.6	1.5	83	76	9	30	30-150
Fluorene	1.9	1.9	0.00	1.7	1.6	88	80	10	30	30-150
Phenanthrene	1.9	1.9	0.00	1.8	1.6	93	83	12	30	30-150
Anthracene	1.9	1.9	0.00	1.7	1.5	85	77	10	30	30-150
Fluoranthene	1.9	1.9	0.00	1.6	1.5	84	77	8	30	30-150
Pyrene	1.9	1.9	0.00	1.6	1.5	81	78	3	30	30-150
Benzo(a)anthracene	1.9	1.9	0.00	1.2	1.0	60	52	15	30	30-150
Chrysene	1.9	1.9	0.00	1.5	1.3	77	67	14	30	30-150
Benzo(b)fluoranthene	1.9	1.9	0.00	0.54	0.52	* 28	* 26	5	30	30-150
Benzo(k)fluoranthene	1.9	1.9	0.00	0.75	0.75	38	38	0.3	30	30-150
Benzo(a)pyrene	1.9	1.9	0.00	0.75	0.68	38	35	10	30	30-150
Indeno(1,2,3-cd)pyrene	1.9	1.9	0.00	0.16	0.17	* 8	* 8	3	30	30-150
Dibenzo(a,h)anthracene	1.9	1.9	0.00	0.21	0.15	* 11	* 8	* 38	30	30-150
Benzo(g,h,i)perylene	1.9	1.9	0.00	0.24	0.20	* 12	* 10	20	30	30-150

FORM III SV-1

U3370.D & U3381.D

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23950-BLANK	WG23950-1	69	86	97						0
02	WG23950-LCS	WG23950-2	73	103	92						0
03	WG24039-BLANK	WG24039-1	73	91	108						0
04	WG24039-LCS	WG24039-2	78	107	101						0
05	WG24039-LCSD	WG24039-3	78	100	94						0
06	WG24116-BLANK	WG24116-1	77	89	105						0
07	WG24116-LCS	WG24116-2	72	92	94						0
08	46GW0301MS	WG24116-3	82	94	84						0
09	46GW0301MSD	WG24116-4	77	88	84						0
10	3221GW0201	WV6688-1	80	95	118						0
11	44RB1214	WV6688-2	74	91	120						0
12	3221GW0301	WV6688-3	77	85	89						0
13	46GW1101	WV6701-1	90	85	110						0
14	46GW1201	WV6701-2	73	72	70						0
15	46GW0901	WV6701-3	102	86	112						0
16	46GW1001	WV6701-4	81	89	86						0
17	46RB1217	WV6701-5	86	94	126						0
18	46GW1301	WV6701-7	72	90	111						0
19	46GW1401	WV6701-8	83	90	96						0
20	46GW1401D	WV6701-9	77	85	95						0
21	46GW1501	WV6701-10	105	95	120						0
22	46GW1601	WV6701-11	79	88	97						0
23	46GW0101	WV6766-1	84	87	110						0
24	46GW0201	WV6766-2	73	83	113						0
25	46GW0801	WV6766-3	76	84	109						0
26	46GW0701	WV6766-4	76	84	98						0
27	46GW0301	WV6766-5	72	86	100						0
28	3221GW0101	WV6688-4	83	89	106						0

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD163 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.3
68	Less than 2.0% of mass 69	0.6 (1.2)1
69	Less than 100.0% of mass 198	45.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.1 (76.0)2
442	40.0 - 100.0% of mass 198	66.0
443	17.0 - 23.0% of mass 442	13.3 (20.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3313	01/06/06	1043
02		SSTD5.00U0106	U3314	01/06/06	1129
03		SSTD3.00U0106	U3315	01/06/06	1213
04		SSTD2.00U0106	U3316	01/06/06	1259
05		SSTD0.50U0106	U3317	01/06/06	1345
06		SSTD0.20U0106	U3318	01/06/06	1431
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date(s): 01/06/06 01/06/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1043 1431

LAB FILE ID: RF0.2: U3318 RF0.5: U3317 RF1: U3313
RF2: U3316 RF3: U3315 RF5: U3314

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.748	0.845	0.888	0.781	0.864	0.790	AVRG		0.81942131		6.646	15.000
2-Methylnaphthalene	2148	8671	25707	39597	76754	111370	LINR	0.13644346	1.83285234		0.99645	0.99000
Acenaphthylene	1.504	1.469	1.559	1.450	1.678	1.629	AVRG		1.54823908		5.864	15.000
Acenaphthene	1.024	0.966	0.997	0.919	1.039	1.010	AVRG		0.99268457		4.401	15.000
Fluorene	1.015	0.958	1.021	0.936	1.112	1.076	AVRG		1.01980715		6.580	15.000
Phenanthrene	0.739	0.830	0.912	0.818	0.998	0.928	AVRG		0.87063587		10.629	15.000
Anthracene	1.019	0.935	0.971	0.939	1.038	1.000	AVRG		0.98376771		4.304	15.000
Fluoranthene	0.767	0.761	0.818	0.724	0.872	0.790	AVRG		0.78867736		6.537	15.000
Pyrene	1.728	1.542	1.412	1.429	1.532	1.513	AVRG		1.52572543		7.391	15.000
Benzo(a)anthracene	1045	4683	17109	17483	43877	60112	2ORDR	5.729e-002	1.50495209	-6.37e-002	0.99143	0.99000
Chrysene	4637	12700	25021	37662	73897	86215	LINR	-9.06e-002	0.82329122		0.99792	0.99000
Benzo(b)fluoranthene	1183	4542	13641	15533	39018	55734	2ORDR	4.196e-002	1.14779931	-4.13e-002	0.99618	0.99000
Benzo(k)fluoranthene	2.089	1.914	1.708	1.889	1.986	1.773	AVRG		1.89320240		7.333	15.000
Benzo(a)pyrene	1.020	1.104	1.158	1.096	1.251	1.231	AVRG		1.14342070		7.673	15.000
Indeno(1,2,3-cd)pyrene	0.934	0.900	0.906	0.985	1.186	1.124	AVRG		1.00583087		12.016	15.000
Dibenzo(a,h)anthracene	0.769	0.664	0.647	0.686	0.843	0.812	AVRG		0.73658082		11.173	15.000
Benzo(g,h,i)perylene	1.304	1.166	0.994	1.111	1.226	1.113	AVRG		1.15255152		9.272	15.000
2-Methylnaphthalene-d10	0.328	0.395	0.409	0.343	0.389	0.354	AVRG		0.36977689		8.816	15.000
Fluorene-d10	0.955	1.129	1.056	0.990	1.156	1.120	AVRG		1.06787588		7.613	15.000
Pyrene-d10	1.481	1.338	1.253	1.255	1.344	1.326	AVRG		1.33297332		6.237	15.000

Average %RSD test result.

Calculate Average %RSD: 9.576690674
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD164 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1515

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	42.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.9 (78.8)2
442	40.0 - 100.0% of mass 198	73.0
443	17.0 - 23.0% of mass 442	13.9 (19.0)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3319	01/06/06	1536
02	WG23950-BLANK	WG23950-1	U3320	01/06/06	1620
03	WG23950-LCS	WG23950-2	U3321	01/06/06	1706
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date: 01/06/06 Time: 1536

Lab File ID: U3319 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.8691200	0.8691200	0.01	6.12	100.00	AVRG
2-Methylnaphthalene	0.8760500	1.0000000	0.4184100	0.01	-12.40	100.00	LINR
Acenaphthylene	1.5480000	1.5200000	1.5200000	0.01	-1.81	100.00	AVRG
Acenaphthene	0.9920000	0.9943100	0.9943100	0.01	0.23	20.00	AVRG
Fluorene	1.0200000	0.9858000	0.9858000	0.01	-3.35	100.00	AVRG
Phenanthrene	0.8710000	0.8632300	0.8632300	0.01	-0.89	100.00	AVRG
Anthracene	0.9840000	0.9545400	0.9545400	0.01	-2.99	100.00	AVRG
Fluoranthene	0.7890000	0.7149200	0.7149200	0.01	-9.39	20.00	AVRG
Pyrene	1.5260000	1.5071000	1.5071000	0.01	-1.24	100.00	AVRG
Benzo(a)anthracene	0.6700000	0.5539000	0.5539000	0.01	-17.33	100.00	AVRG
Chrysene	1.1205000	1.0000000	1.4490000	0.01	12.05	100.00	LINR
Benzo(b)fluoranthene	0.9220000	0.6738000	0.6738000	0.01	-26.92	100.00	AVRG
Benzo(k)fluoranthene	1.8930000	1.9780000	1.9780000	0.01	4.49	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1009000	1.1009000	0.01	-3.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.8967600	0.8967600	0.01	-10.86	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.7880100	0.7880100	0.01	6.92	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	1.1448000	1.1448000	0.01	-0.62	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3569400	0.3569400	0.01	-3.53	100.00	AVRG
Fluorene-d10	1.0680000	1.0670000	1.0670000	0.01	-0.09	100.00	AVRG
Pyrene-d10	1.3330000	1.3340000	1.3340000	0.01	0.08	100.00	AVRG

FORM VII PEST

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD165 DFTPP Injection Date: 01/07/06

Instrument ID: GCMS-U DFTPP Injection Time: 0857

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.0
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	20.0
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	10.4 (76.1)2
442	40.0 - 100.0% of mass 198	69.6
443	17.0 - 23.0% of mass 442	13.7 (19.6)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0107	U3337	01/07/06	0916
02	WG24039-BLANK	WG24039-1	U3338	01/07/06	1002
03	WG24039-LCS	WG24039-2	U3339	01/07/06	1048
04	WG24039-LCSD	WG24039-3	U3340	01/07/06	1133
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date: 01/07/06 Time: 0916

Lab File ID: U3337 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.9453700	0.9453700	0.01	15.43	100.00	AVRG
2-Methylnaphthalene	0.9664400	1.0000000	0.4677300	0.01	-3.36	100.00	LINR
Acenaphthylene	1.5480000	1.4652000	1.4652000	0.01	-5.35	100.00	AVRG
Acenaphthene	0.9920000	0.9406900	0.9406900	0.01	-5.17	20.00	AVRG
Fluorene	1.0200000	1.0013000	1.0013000	0.01	-1.83	100.00	AVRG
Phenanthrene	0.8710000	0.8490500	0.8490500	0.01	-2.52	100.00	AVRG
Anthracene	0.9840000	0.9094300	0.9094300	0.01	-7.58	100.00	AVRG
Fluoranthene	0.7890000	0.7739700	0.7739700	0.01	-1.90	20.00	AVRG
Pyrene	1.5260000	1.2870000	1.2870000	0.01	-15.66	100.00	AVRG
Benzo(a)anthracene	1.0469000	1.0000000	0.6904000	0.01	4.69	100.00	2RDR
Chrysene	0.9266600	1.0000000	1.2136000	0.01	-7.33	100.00	LINR
Benzo(b)fluoranthene	0.8894900	1.0000000	0.7725300	0.01	-11.05	100.00	2RDR
Benzo(k)fluoranthene	1.8930000	1.9156000	1.9156000	0.01	1.19	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1170000	1.1170000	0.01	-2.27	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.5956600	0.5956600	0.01	-40.79	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.5447200	0.5447200	0.01	-26.09	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	0.7331700	0.7331700	0.01	-36.36	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3623700	0.3623700	0.01	-2.06	100.00	AVRG
Fluorene-d10	1.0680000	1.0119000	1.0119000	0.01	-5.25	100.00	AVRG
Pyrene-d10	1.3330000	1.1355000	1.1355000	0.01	-14.82	100.00	AVRG

FORM VII PEST

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD166 DFTPP Injection Date: 01/08/06

Instrument ID: GCMS-U DFTPP Injection Time: 1409

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.6 (1.4)1
69	Less than 100.0% of mass 198	40.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	22.0
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	11.5 (81.4)2
442	40.0 - 100.0% of mass 198	74.2
443	17.0 - 23.0% of mass 442	14.1 (19.1)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0108	U3355	01/08/06	1431
02	WG24116-BLANK	WG24116-1	U3368	01/09/06	0015
03	WG24116-LCS	WG24116-2	U3369	01/09/06	0100
04	46GW0301MS	WG24116-3	U3370	01/09/06	0145
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date: 01/08/06 Time: 1431

Lab File ID: U3355 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.8371400	0.8371400	0.01	2.21	100.00	AVRG
2-Methylnaphthalene	0.8755900	1.0000000	0.4181700	0.01	-12.44	100.00	LINR
Acenaphthylene	1.5480000	1.4327000	1.4327000	0.01	-7.45	100.00	AVRG
Acenaphthene	0.9920000	0.9288700	0.9288700	0.01	-6.36	20.00	AVRG
Fluorene	1.0200000	0.9419000	0.9419000	0.01	-7.66	100.00	AVRG
Phenanthrene	0.8710000	0.7936700	0.7936700	0.01	-8.88	100.00	AVRG
Anthracene	0.9840000	0.8998700	0.8998700	0.01	-8.55	100.00	AVRG
Fluoranthene	0.7890000	0.6681200	0.6681200	0.01	-15.32	20.00	AVRG
Pyrene	1.5260000	1.4491000	1.4491000	0.01	-5.04	100.00	AVRG
Benzo(a)anthracene	0.7104300	1.0000000	0.4524400	0.01	-28.96	100.00	2RDR
Chrysene	1.0276000	1.0000000	1.3362000	0.01	2.76	100.00	LINR
Benzo(b)fluoranthene	0.7185600	1.0000000	0.6137100	0.01	-28.14	100.00	2RDR
Benzo(k)fluoranthene	1.8930000	2.1364000	2.1364000	0.01	12.86	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1369000	1.1369000	0.01	-0.53	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.6918000	0.6918000	0.01	-31.23	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.5485300	0.5485300	0.01	-25.57	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	0.9991900	0.9991900	0.01	-13.26	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3736900	0.3736900	0.01	1.00	100.00	AVRG
Fluorene-d10	1.0680000	0.9665500	0.9665500	0.01	-9.50	100.00	AVRG
Pyrene-d10	1.3330000	1.2876000	1.2876000	0.01	-3.40	100.00	AVRG

FORM VII PEST

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD167 DFTPP Injection Date: 01/09/06

Instrument ID: GCMS-U DFTPP Injection Time: 0932

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	41.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	54.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	10.4 (77.8)2
442	40.0 - 100.0% of mass 198	69.8
443	17.0 - 23.0% of mass 442	13.4 (19.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0109	U3375	01/09/06	0953
02	46GW0301MSD	WG24116-4	U3381	01/09/06	1425
03	3221GW0201	WV6688-1	U3382	01/09/06	1510
04	44RB1214	WV6688-2	U3383	01/09/06	1556
05	3221GW0301	WV6688-3	U3384	01/09/06	1641
06	46GW1101	WV6701-1	U3385	01/09/06	1727
07	46GW1201	WV6701-2	U3386	01/09/06	1812
08	46GW0901	WV6701-3	U3387	01/09/06	1857
09	46GW1001	WV6701-4	U3388	01/09/06	1943
10	46RB1217	WV6701-5	U3389	01/09/06	2028
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date: 01/09/06 Time: 0953

Lab File ID: U3375 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.8190000	0.8283300	0.8283300	0.01	1.14	100.00	AVRG	
2-Methylnaphthalene	0.8172900	1.0000000	0.3863600	0.01	-18.27	100.00	LINR	
Acenaphthylene	1.5480000	1.3425000	1.3425000	0.01	-13.28	100.00	AVRG	
Acenaphthene	0.9920000	0.9013500	0.9013500	0.01	-9.14	20.00	AVRG	
Fluorene	1.0200000	0.9025200	0.9025200	0.01	-11.52	100.00	AVRG	
Phenanthrene	0.8710000	0.7863500	0.7863500	0.01	-9.72	100.00	AVRG	
Anthracene	0.9840000	0.8083100	0.8083100	0.01	-17.86	100.00	AVRG	
Fluoranthene	0.7890000	0.6278700	0.6278700	0.01	-20.42	20.00	AVRG	<-
Pyrene	1.5260000	1.4998000	1.4998000	0.01	-1.72	100.00	AVRG	
Benzo(a)anthracene	0.4751700	1.0000000	0.2897200	0.01	-52.48	100.00	2RDR	
Chrysene	0.9089800	1.0000000	1.1921000	0.01	-9.10	100.00	LINR	
Benzo(b)fluoranthene	0.5237100	1.0000000	0.4355600	0.01	-47.63	100.00	2RDR	
Benzo(k)fluoranthene	1.8930000	1.9763000	1.9763000	0.01	4.40	100.00	AVRG	
Benzo(a)pyrene	1.1430000	1.0539000	1.0539000	0.01	-7.80	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	1.0060000	0.3633700	0.3633700	0.01	-63.88	100.00	AVRG	
Dibenzo(a,h)anthracene	0.7370000	0.3706300	0.3706300	0.01	-49.71	100.00	AVRG	
Benzo(g,h,i)perylene	1.1520000	0.6183800	0.6183800	0.01	-46.32	100.00	AVRG	
2-Methylnaphthalene-d10	0.3700000	0.3499500	0.3499500	0.01	-5.42	100.00	AVRG	
Fluorene-d10	1.0680000	0.9322800	0.9322800	0.01	-12.71	100.00	AVRG	
Pyrene-d10	1.3330000	1.3258000	1.3258000	0.01	-0.54	100.00	AVRG	

FORM VII PEST

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD168 DFTPP Injection Date: 01/10/06

Instrument ID: GCMS-U DFTPP Injection Time: 1249

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	34.9
68	Less than 2.0% of mass 69	0.5 (1.4)1
69	Less than 100.0% of mass 198	37.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	11.4 (76.6)2
442	40.0 - 100.0% of mass 198	77.9
443	17.0 - 23.0% of mass 442	14.9 (19.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0110	U3396	01/10/06	1309
02	46GW1301	WV6701-7	U3398	01/10/06	1453
03	46GW1401	WV6701-8	U3399	01/10/06	1537
04	46GW1401D	WV6701-9	U3400	01/10/06	1622
05	46GW1501	WV6701-10	U3401	01/10/06	1707
06	46GW1601	WV6701-11	U3402	01/10/06	1751
07	46GW0101	WV6766-1	U3403	01/10/06	1836
08	46GW0201	WV6766-2	U3404	01/10/06	1921
09	46GW0801	WV6766-3	U3405	01/10/06	2006
10	46GW0701	WV6766-4	U3406	01/10/06	2051
11	46GW0301	WV6766-5	U3407	01/10/06	2136
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date: 01/10/06 Time: 1309

Lab File ID: U3396 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.9540300	0.9540300	0.01	16.49	100.00	AVRG
2-Methylnaphthalene	0.9243000	1.0000000	0.4447400	0.01	-7.57	100.00	LINR
Acenaphthylene	1.5480000	1.4902000	1.4902000	0.01	-3.73	100.00	AVRG
Acenaphthene	0.9920000	0.9741200	0.9741200	0.01	-1.80	20.00	AVRG
Fluorene	1.0200000	0.9488600	0.9488600	0.01	-6.97	100.00	AVRG
Phenanthrene	0.8710000	0.8696600	0.8696600	0.01	-0.15	100.00	AVRG
Anthracene	0.9840000	0.9239900	0.9239900	0.01	-6.10	100.00	AVRG
Fluoranthene	0.7890000	0.6343600	0.6343600	0.01	-19.60	20.00	AVRG
Pyrene	1.5260000	1.3924000	1.3924000	0.01	-8.75	100.00	AVRG
Benzo(a)anthracene	0.5247600	1.0000000	0.3237800	0.01	-47.52	100.00	2RDR
Chrysene	1.0167000	1.0000000	1.3229000	0.01	1.67	100.00	LINR
Benzo(b)fluoranthene	0.4800200	1.0000000	0.3960200	0.01	-52.00	100.00	2RDR
Benzo(k)fluoranthene	1.8930000	2.0705000	2.0705000	0.01	9.38	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1748000	1.1748000	0.01	2.78	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.6180700	0.6180700	0.01	-38.56	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.6987300	0.6987300	0.01	-5.19	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	1.2978000	1.2978000	0.01	12.66	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3679100	0.3679100	0.01	-0.56	100.00	AVRG
Fluorene-d10	1.0680000	1.0304000	1.0304000	0.01	-3.52	100.00	AVRG
Pyrene-d10	1.3330000	1.2144000	1.2144000	0.01	-8.90	100.00	AVRG

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD172 DFTPP Injection Date: 01/13/06

Instrument ID: GCMS-U DFTPP Injection Time: 1607

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	45.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	19.4
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	14.1 (77.6)2
442	40.0 - 100.0% of mass 198	92.3
443	17.0 - 23.0% of mass 442	18.2 (19.7)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD5.00U0113	U3439	01/13/06	1627
02		SSTD3.00U0113	U3440	01/13/06	1717
03		SSTD2.00U0113	U3441	01/13/06	1801
04		SSTD1.00U0113	U3442	01/13/06	1846
05		SSTD0.50U0113	U3443	01/13/06	1931
06		SSTD0.20U0113	U3444	01/13/06	2015
07	3221GW0101	WV6688-4	U3445	01/13/06	2100
08					
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FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date(s): 01/13/06 01/13/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1627 2015

LAB FILE ID: RF0.2: U3444 RF0.5: U3443 RF1: U3442
RF2: U3441 RF3: U3440 RF5: U3439

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.772	0.738	0.868	0.800	0.807	0.774	AVRG		0.79324084	5.537	15.000
2-Methylnaphthalene	0.484	0.466	0.469	0.459	0.525	0.517	AVRG		0.48688292	5.760	15.000
Acenaphthylene	1.449	1.474	1.560	1.511	1.583	1.531	AVRG		1.51810152	3.343	15.000
Acenaphthene	0.954	0.985	0.983	0.935	0.952	0.914	AVRG		0.95390403	2.866	15.000
Fluorene	0.980	1.007	1.037	1.018	1.055	1.008	AVRG		1.01757213	2.556	15.000
Phenanthrene	1.173	1.206	1.109	1.080	1.027	0.917	AVRG		1.08541622	9.639	15.000
Anthracene	1.214	1.184	1.316	1.392	1.353	1.196	AVRG		1.27588773	6.993	15.000
Fluoranthene	0.882	0.949	0.979	1.028	0.989	0.938	AVRG		0.96101584	5.180	15.000
Pyrene	1.794	1.720	1.649	1.524	1.421	1.340	AVRG		1.57463728	11.221	15.000
Benzo(a)anthracene	0.704	0.741	0.773	0.793	0.821	0.875	AVRG		0.78462052	7.688	15.000
Chrysene	1.087	1.099	1.042	0.962	0.940	0.909	AVRG		1.00650507	7.976	15.000
Benzo(b)fluoranthene	0.960	0.997	1.249	1.226	1.260	1.161	AVRG		1.14192858	11.544	15.000
Benzo(k)fluoranthene	1.774	1.834	1.889	1.743	1.679	1.416	AVRG		1.72259326	9.686	15.000
Benzo(a)pyrene	628	1776	5250	13028	22242	46479	LINR	1.378e-002	0.92060316	0.99728	0.99000
Indeno(1,2,3-cd)pyrene	212	471	1144	3846	7522	16677	LINR	0.21335386	2.55304314	0.99468	0.99000
Dibenzo(a,h)anthracene	189	518	1532	4858	9993	20951	LINR	0.21812968	1.99916579	0.99314	0.99000
Benzo(g,h,i)perylene	274	968	2402	7208	12821	24870	LINR	5.042e-002	1.66993480	0.99127	0.99000
2-Methylnaphthalene-d10	0.299	0.298	0.300	0.301	0.342	0.335	AVRG		0.31256528	6.546	15.000
Fluorene-d10	1.014	0.983	1.028	0.993	1.017	0.982	AVRG		1.00287578	1.926	15.000
Pyrene-d10	1.313	1.381	1.324	1.263	1.205	1.156	AVRG		1.27368159	6.520	15.000

Average %RSD test result.

Calculate Average %RSD: 6.867567539
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24114-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24114-1 Lab File ID: 3VL1163

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) 504.1

Sulfur Cleanup: (Y/N) N Date Extracted: 12/22/05

Date Analyzed (1): 12/22/05 Date Analyzed (2): 12/22/05

Time Analyzed (1): 1356 Time Analyzed (2): 1356

Instrument ID (1): GC03 Instrument ID (2): GC03

GC Column (1): SPB 608 ID: 0.53(mm) GC Column (2): RTX-CLP II ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24114-LCS	WG24114-2	3VL1164	12/22/05	12/22/05
02	WG24114-LCSD	WG24114-3	3VL1165	12/22/05	12/22/05
03	3221GW0201	WV6688-1	3VL1167	12/22/05	12/22/05
04	44RB1214	WV6688-2	3VL1168	12/22/05	12/22/05
05	3321GW0301	WV6688-3	3VL1191	12/23/05	12/23/05
06	3321GW0101	WV6688-4	3VL1192	12/23/05	12/23/05
07	46GW1101	WV6701-1	3VL1193	12/23/05	12/23/05
08	46GW1201	WV6701-2	3VL1194	12/23/05	12/23/05
09	46GW0901	WV6701-3	3VL1195	12/23/05	12/23/05
10	46GW1001	WV6701-4	3VL1196	12/23/05	12/23/05
11	46RB1217	WV6701-5	3VL1197	12/23/05	12/23/05
12	46GW1301	WV6701-7	3VL1198	12/23/05	12/23/05
13	46GW1401	WV6701-8	3VL1199	12/23/05	12/23/05
14	46GW1401D	WV6701-9	3VL1200	12/23/05	12/23/05
15	46GW1501	WV6701-10	3VL1201	12/23/05	12/23/05
16	46GW0101	WV6766-1	3VL1202	12/23/05	12/23/05
17	46GW0201	WV6766-2	3VL1203	12/23/05	12/23/05
18	46GW0801	WV6766-3	3VL1204	12/23/05	12/23/05
19	46GW0701	WV6766-4	3VL1205	12/23/05	12/23/05
20	46GW0301	WV6766-5	3VL1206	12/23/05	12/23/05
21	46GW0301MS	WG24114-4	3VL1207	12/23/05	12/23/05
22	46GW0301MSD	WG24114-5	3VL1208	12/23/05	12/23/05
23	46GW1601	WV6701-11	3WA1041	01/04/06	01/04/06
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 22-DEC-2005 13:56
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24114-1
Client ID: WG24114-Blank
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		88%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 12/22/05
Report Date: 01/17/2006
Matrix: WATER

Lab ID: WG24114-2 & WG24114-3
Client ID: WG24114-LCS & WG24114-LCSD
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.22	0.19	88	77	13	30	70-130

FORM III PEST-1

3VL1164.d & 3VL1165.d

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24230-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24230-1 Lab File ID: 3VL1213

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) 504.1

Sulfur Cleanup: (Y/N) N Date Extracted: 12/28/05

Date Analyzed (1): 12/28/05 Date Analyzed (2): 12/28/05

Time Analyzed (1): 1241 Time Analyzed (2): 1241

Instrument ID (1): GC03 Instrument ID (2): GC03

GC Column (1): SPB 608 ID: 0.53(mm) GC Column (2): RTX-CLP II ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24230-LCS	WG24230-2	3VL1214	12/28/05	12/28/05
02	WG24230-LCSD	WG24230-3	3VL1215	12/28/05	12/28/05
03	46GW0801	WV6766-3RE	3VL1216	12/28/05	12/28/05
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/28/05
Analysis Date: 28-DEC-2005 12:41
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24230-1
Client ID: WG24230-Blank
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24230
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/28/05
Analysis Date: 12/28/05
Report Date: 01/17/2006
Matrix: WATER

Lab ID: WG24230-2 & WG24230-3
Client ID: WG24230-LCS & WG24230-LCSD
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24230
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.20	0.22	79	88	10	30	70-130

FORM III PEST-1

3VL1214.d & 3VL1215.d

FORM 2

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column(1): SPB 608 ID: 0.53 (mm)GC Column(2): RTX-CLP IIID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	S2 1 REC#	S2 2 REC#	S3 1 REC#	S3 2 REC#	TOT OUT
01	WG24114-BLANK	WG24114-1	79	88					0
02	WG24114-LCS	WG24114-2	84	92					0
03	WG24114-LCSD	WG24114-3	74	82					0
04	3221GW0201	WV6688-1	56J	62					1
05	44RB1214	WV6688-2	55J	61					1
06	3321GW0301	WV6688-3	66	70					0
07	3321GW0101	WV6688-4	85	91					0
08	46GW1101	WV6701-1	98	105					0
09	46GW1201	WV6701-2	16J	16J					2
10	46GW0901	WV6701-3	100	104					0
11	46GW1001	WV6701-4	26J	28J					2
12	46RB1217	WV6701-5	101	105					0
13	46GW1301	WV6701-7	142J	170J					2
14	46GW1401	WV6701-8	54J	58					1
15	46GW1401D	WV6701-9	56J	59					1
16	46GW1501	WV6701-10	97	100					0
17	46GW0101	WV6766-1	79	82					0
18	46GW0201	WV6766-2	58	61					0
19	46GW0801	WV6766-3	49J	52J					2
20	46GW0701	WV6766-4	94	98					0
21	46GW0301	WV6766-5	89	92					0
22	46GW0301MS	WG24114-4	78	81					0
23	46GW0301MSD	WG24114-5	92	95					0
24	WG24230-BLANK	WG24230-1	82	91					0
25	WG24230-LCS	WG24230-2	72	77					0
26	WG24230-LCSD	WG24230-3	74	79					0
27	46GW0801	WV6766-3RE	39J	42J					2
28	46GW1601	WV6701-11	10J	56J					2

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-M-Xylene (57-128)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 12/23/05
Report Date: 01/17/2006
Matrix: WATER

Lab ID: WG24114-4 & WG24114-5
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.24	0.24	0.00	0.25	0.29	105	122	17	30	70-130

FORM III PEST-1

3VL1207.d & 3VL1208.d

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 2021 2211

LAB FILE ID: RF0.01: 3VK1063 RF0.05: 3VK1062 RF0.1: 3VK1061
RF0.25: 3VK1060 RF0.5: 3VK1059 RF1: 3VK1058

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	95	482	990	2382	4567	8547	2ORDR	-3.45e-003	1.061e-004	1.212e-009	0.99996	0.99000
Tetrachloro-M-Xylene	250	1538	2145	2909	3675	8948	2ORDR	8.092e-002	2.907e-004	-6.86e-010	0.99762	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 2021 2211

RF2.5: 3VK1057

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	19330	2ORDR	-3.45e-003	1.061e-004	1.212e-009	0.99996	0.99000
Tetrachloro-M-Xylene	17560	2ORDR	8.092e-002	2.907e-004	-6.86e-010	0.99762	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 2021 2211

LAB FILE ID: RF0.01: 3VK2063 RF0.05: 3VK2062 RF0.1: 3VK2061
RF0.25: 3VK2060 RF0.5: 3VK2059 RF1: 3VK2058

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	191	631	1130	2541	4771	8425	2ORDR	-1.48e-002	1.047e-004	1.557e-009	0.99974	0.99000
Tetrachloro-M-Xylene	244	1642	2221	3003	3852	9189	2ORDR	7.694e-002	2.812e-004	-4.86e-010	0.99783	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 2021 2211

RF2.5: 3VK2057

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	18793	2ORDR	-1.48e-002	1.047e-004	1.557e-009	0.99974	0.99000
Tetrachloro-M-Xylene	17979	2ORDR	7.694e-002	2.812e-004	-4.86e-010	0.99783	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 1102 1359

LAB FILE ID: RF0.01: 3WA1002 RF0.05: 3WA1003 RF0.1: 3WA1004
RF0.25: 3WA1005 RF0.5: 3WA1006 RF1: 3WA1007

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	97	491	982	2330	3944	6579	2ORDR	-1.89e-002	1.273e-004	3.05e-009	0.99881	0.99000
Tetrachloro-M-Xylene	41	1195	1576	2188	2081	6406	2ORDR	0.12626440	3.028e-004	1.43e-008	0.99611	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 1102 1359

RF2.5: 3WA1008

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	14677	2ORDR	-1.89e-002	1.273e-004	3.05e-009	0.99881	0.99000
Tetrachloro-M-Xylene	10618	2ORDR	0.12626440	3.028e-004	1.43e-008	0.99611	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 1102 1359

LAB FILE ID: RF0.01: 3WA2002 RF0.05: 3WA2003 RF0.1: 3WA2004
RF0.25: 3WA2005 RF0.5: 3WA2006 RF1: 3WA2007

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	95	611	1069	2723	4671	9256	2ORDR	-3.03e-003	9.526e-005	1.52e-009	0.99979	0.99000
Tetrachloro-M-Xylene		1355	1717	2368	2417	7391	LINR	4.348e-002	4.148e-004		0.99658	0.99000

FORM VI VOA

FORM 6

VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 1102 1359

RF2.5: 3WA2008

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	19929	2ORDR	-3.03e-003	9.526e-005	1.52e-009	0.99979	0.99000
Tetrachloro-M-Xylene	12004	LINR	4.348e-002	4.148e-004		0.99658	0.99000

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 1316

Lab File ID: 3VL1162 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1773800	0.2500000	6688.0000	0.01	-29.05	30.00	2RDR
Tetrachloro-M-Xylene	0.7117300	1.0000000	2181.0000	0.01	-28.83	30.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 1316

Lab File ID: 3VL2162 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1870800	0.2500000	7504.0000	0.01	-25.17	30.00	2RDR
Tetrachloro-M-Xylene	0.7917400	1.0000000	2553.0000	0.01	-20.83	30.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 0922

Lab File ID: 3VL1190 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.4754400	0.5000000	8602.0000	0.01	-4.91	30.00	2RDR
Tetrachloro-M-Xylene	1.3628000	1.2500000	3564.8000	0.01	9.02	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 0922

Lab File ID: 3VL2190 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5591000	0.5000000	10190.000	0.01	11.82	30.00	2RDR
Tetrachloro-M-Xylene	1.4778000	1.2500000	4020.0000	0.01	18.22	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 1846

Lab File ID: 3VL1209 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.2156500	0.2500000	8072.0000	0.01	-13.74	30.00	2RDR
Tetrachloro-M-Xylene	0.8732200	1.0000000	2743.0000	0.01	-12.68	30.00	2RDR

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 1846

Lab File ID: 3VL2209 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.2296600	0.2500000	9036.0000	0.01	-8.14	30.00	2RDR
Tetrachloro-M-Xylene	0.9115000	1.0000000	2983.0000	0.01	-8.85	30.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/28/05 Time: 1201

Lab File ID: 3VL1212 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.4163100	0.5000000	7582.0000	0.01	-16.74	30.00	2RDR	
Tetrachloro-M-Xylene	0.8077600	1.2500000	2012.0000	0.01	-35.38	30.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/28/05 Time: 1201

Lab File ID: 3VL2212 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.4386700	0.5000000	8166.0000	0.01	-12.27	30.00	2RDR
Tetrachloro-M-Xylene	0.9087200	1.2500000	2378.4000	0.01	-27.30	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/28/05 Time: 2358

Lab File ID: 3VL1236 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2009100	0.2500000	7540.0000	0.01	-19.64	30.00	2RDR	
Tetrachloro-M-Xylene	0.6550200	1.0000000	1984.0000	0.01	-34.50	30.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 12/28/05 Time: 2358

Lab File ID: 3VL2236 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2113700	0.2500000	8380.0000	0.01	-15.45	30.00	2RDR	
Tetrachloro-M-Xylene	0.6885400	1.0000000	2183.0000	0.01	-31.15	30.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: GTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 01/03/06 Time: 2253

Lab File ID: 3WA1026 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5585900	0.5000000	8256.0000	0.01	11.72	30.00	2RDR
Tetrachloro-M-Xylene	0.9189600	1.2500000	1884.8000	0.01	-26.48	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 01/03/06 Time: 2253

Lab File ID: 3WA2026 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.4674200	0.5000000	9202.0000	0.01	-6.52	30.00	2RDR
Tetrachloro-M-Xylene	1.0988000	1.2500000	2035.2000	0.01	-12.10	30.00	LINR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 01/04/06 Time: 0713

Lab File ID: 3WA1043 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.2812700	0.2500000	8952.0000	0.01	12.51	30.00	2RDR
Tetrachloro-M-Xylene	1.1987000	1.0000000	3091.0000	0.01	19.87	30.00	2RDR

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC03 Calibration Date: 01/04/06 Time: 0713

Lab File ID: 3WA2043 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2173600	0.2500000	8936.0000	0.01	-13.06	30.00	2RDR	
Tetrachloro-M-Xylene	1.3747000	1.0000000	3209.0000	0.01	37.47	30.00	LINR	<-

FORM VII PEST

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 2.5	11/21/05	2021	12.15	
02		ICAL 1.0	11/21/05	2040	12.17	
03		ICAL 0.5	11/21/05	2058	12.20	
04		ICAL 0.25	11/21/05	2116	12.20	
05		ICAL 0.1	11/21/05	2134	12.21	
06		ICAL 0.05	11/21/05	2153	12.23	
07		ICAL 0.01	11/21/05	2211	12.25	
08		CV 0.25	12/22/05	1316	12.28	
09	WG24114-BLAN	WG24114-1	12/22/05	1356	12.25	
10	WG24114-LCS	WG24114-2	12/22/05	1426	12.24	
11	WG24114-LCSD	WG24114-3	12/22/05	1455	12.24	
12	3221GW0201	WV6688-1	12/22/05	1554	12.25	
13	44RB1214	WV6688-2	12/22/05	1624	12.25	
14		CV 0.5	12/23/05	0922	12.27	
15	3321GW0301	WV6688-3	12/23/05	0955	12.27	
16	3321GW0101	WV6688-4	12/23/05	1024	12.27	
17	46GW1101	WV6701-1	12/23/05	1054	12.24	
18	46GW1201	WV6701-2	12/23/05	1124	12.28	
19	46GW0901	WV6701-3	12/23/05	1153	12.27	
20	46GW1001	WV6701-4	12/23/05	1223	12.29	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	46RB1217	WV6701-5	12/23/05	1252	12.27	
02	46GW1301	WV6701-7	12/23/05	1322	12.20	
03	46GW1401	WV6701-8	12/23/05	1351	12.28	
04	46GW1401D	WV6701-9	12/23/05	1421	12.28	
05	46GW1501	WV6701-10	12/23/05	1450	12.27	
06	46GW0101	WV6766-1	12/23/05	1519	12.28	
07	46GW0201	WV6766-2	12/23/05	1549	12.29	
08	46GW0801	WV6766-3	12/23/05	1619	12.29	
09	46GW0701	WV6766-4	12/23/05	1648	12.28	
10	46GW0301	WV6766-5	12/23/05	1717	12.28	
11	46GW0301MS	WG24114-4	12/23/05	1747	12.29	
12	46GW0301MSD	WG24114-5	12/23/05	1816	12.28	
13		CV 0.25	12/23/05	1846	12.32	
14		CV 0.5	12/28/05	1201	12.27	
15	WG24230-BLAN	WG24230-1	12/28/05	1241	12.28	
16	WG24230-LCS	WG24230-2	12/28/05	1310	12.27	
17	WG24230-LCSD	WG24230-3	12/28/05	1340	12.27	
18	46GW0801	WV6766-3RE	12/28/05	1410	12.29	
19		CV 0.25	12/28/05	2358	12.36	
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8

VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.21

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 0.01	01/03/06	1102	12.36	
02		ICAL 0.05	01/03/06	1132	12.28	
03		ICAL 0.1	01/03/06	1201	12.29	
04		ICAL 0.25	01/03/06	1231	12.29	
05		ICAL 0.5	01/03/06	1300	12.31	
06		ICAL 1.0	01/03/06	1330	12.28	
07		ICAL 2.5	01/03/06	1359	12.27	
08		CV 0.50	01/03/06	2253	12.39	
09	46GW1601	WV6701-11	01/04/06	0614	12.48*	
10		CV 0.25	01/04/06	0713	12.21	
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8

VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 2.5	11/21/05	2021	11.51	
02		ICAL 1.0	11/21/05	2040	11.53	
03		ICAL 0.5	11/21/05	2058	11.56	
04		ICAL 0.25	11/21/05	2116	11.57	
05		ICAL 0.1	11/21/05	2134	11.59	
06		ICAL 0.05	11/21/05	2153	11.59	
07		ICAL 0.01	11/21/05	2211	11.64	
08		CV 0.25	12/22/05	1316	11.64	
09	WG24114-BLAN	WG24114-1	12/22/05	1356	11.61	
10	WG24114-LCS	WG24114-2	12/22/05	1426	11.60	
11	WG24114-LCSD	WG24114-3	12/22/05	1455	11.60	
12	3221GW0201	WV6688-1	12/22/05	1554	11.63	
13	44RB1214	WV6688-2	12/22/05	1624	11.61	
14		CV 0.5	12/23/05	0922	11.63	
15	3321GW0301	WV6688-3	12/23/05	0955	11.64	
16	3321GW0101	WV6688-4	12/23/05	1024	11.63	
17	46GW1101	WV6701-1	12/23/05	1054	11.61	
18	46GW1201	WV6701-2	12/23/05	1124	11.65	
19	46GW0901	WV6701-3	12/23/05	1153	11.63	
20	46GW1001	WV6701-4	12/23/05	1223	11.67	

QC LIMITS

TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8

VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	46RB1217	WV6701-5	12/23/05	1252	11.63	
02	46GW1301	WV6701-7	12/23/05	1322	11.56	
03	46GW1401	WV6701-8	12/23/05	1351	11.65	
04	46GW1401D	WV6701-9	12/23/05	1421	11.65	
05	46GW1501	WV6701-10	12/23/05	1450	11.64	
06	46GW0101	WV6766-1	12/23/05	1519	11.65	
07	46GW0201	WV6766-2	12/23/05	1549	11.67	
08	46GW0801	WV6766-3	12/23/05	1619	11.67	
09	46GW0701	WV6766-4	12/23/05	1648	11.64	
10	46GW0301	WV6766-5	12/23/05	1717	11.65	
11	46GW0301MS	WG24114-4	12/23/05	1747	11.65	
12	46GW0301MSD	WG24114-5	12/23/05	1816	11.65	
13		CV 0.25	12/23/05	1846	11.69	
14		CV 0.5	12/28/05	1201	11.63	
15	WG24230-BLAN	WG24230-1	12/28/05	1241	11.64	
16	WG24230-LCS	WG24230-2	12/28/05	1310	11.64	
17	WG24230-LCSD	WG24230-3	12/28/05	1340	11.64	
18	46GW0801	WV6766-3RE	12/28/05	1410	11.65	
19		CV 0.25	12/28/05	2358	11.75	
20						

QC LIMITS

TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.69

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 0.01	01/03/06	1102	11.77	
02		ICAL 0.05	01/03/06	1132	11.65	
03		ICAL 0.1	01/03/06	1201	11.67	
04		ICAL 0.25	01/03/06	1231	11.67	
05		ICAL 0.5	01/03/06	1300	11.69	
06		ICAL 1.0	01/03/06	1330	11.65	
07		ICAL 2.5	01/03/06	1359	11.64	
08		CV 0.50	01/03/06	2253	11.79	
09	46GW1601	WV6701-11	01/04/06	0614	11.85	
10		CV 0.25	01/04/06	0713	11.57	
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24088-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: CWA2114 Lab Sample ID: WG24088-1

Instrument ID: GC12 Date Extracted: 12/21/05

Matrix: (soil/water) WATER Date Analyzed: 01/11/06

Level:(low/med) LOW Time Analyzed: 0439

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24088-LCS	WG24088-2	CWA2115	01/11/06	0549
02	WG24088-LCSD	WG24088-3	CWA2116	01/11/06	0659
03	3221GW0201	WV6688-1	CWA2121	01/11/06	1258
04	44RB1214	WV6688-2	CWA2122	01/11/06	1408
05	3221GW0301	WV6688-3	CWA2123	01/11/06	1518
06	3221GW0101	WV6688-4	CWA2124	01/11/06	1628
07	46GW1101	WV6701-1	CWA2125	01/11/06	1738
08	46GW1201	WV6701-2	CWA2126	01/11/06	1848
09	46GW0901	WV6701-3	CWA2127	01/11/06	1958
10	46GW1001	WV6701-4	CWA2128	01/11/06	2108
11	46RB1217	WV6701-5	CWA2129	01/11/06	2218
12	46GW1301	WV6701-7	CWA2130	01/11/06	2328
13	46GW1401	WV6701-8	CWA2133	01/12/06	0259
14	46GW1401D	WV6701-9	CWA2134	01/12/06	0409
15	46GW1501	WV6701-10	CWA2135	01/12/06	0519
16	46GW1601	WV6701-11	CWA2136	01/12/06	0630
17	46GW0101	WV6766-1	CWA2137	01/12/06	0740
18	46GW0201	WV6766-2	CWA2141	01/12/06	1220
19	46GW0801	WV6766-3	CWA2142	01/12/06	1330
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 04:39
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24088-1
Client ID: WG24088-Blank
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	230	1.0	500	500	230
	n-Triacontane-D62		106%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES

LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 01/11/06
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG24088-2 & WG24088-3
Client ID: WG24088-LCS & WG24088-LCSD
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	1800	1700	106	100	6	30	55-118

FORM III SV-1

CWA2115.d & CWA2116.d

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24127-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: CWA2146 Lab Sample ID: WG24127-1

Instrument ID: GC12 Date Extracted: 12/22/05

Matrix: (soil/water) WATER Date Analyzed: 01/12/06

Level:(low/med) LOW Time Analyzed: 1810

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24127-LCS	WG24127-2	CWA2147	01/12/06	1920
02	46GW0701	WV6766-4	CWA2148	01/12/06	2031
03	46GW0301	WV6766-5	CWA2149	01/12/06	2141
04	46GW0301MS	WG24127-3	CWA2152	01/13/06	0111
05	46GW0301MSD	WG24127-4	CWA2153	01/13/06	0221
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 12-JAN-2006 18:10
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24127-1
Client ID: WG24127-Blank
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24127
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		112%				
	O-Terphenyl		119%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 01/12/06
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG24127-2
Client ID: WG24127-LCS
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24127
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Petroleum Range Organics	1700	NA	1900	112	55-118

FORM III SV-1

CWA2147.d

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24597-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: CWA2164 Lab Sample ID: WG24597-1

Instrument ID: GC12 Date Extracted: 01/13/06

Matrix: (soil/water) WATER Date Analyzed: 01/13/06

Level:(low/med) LOW Time Analyzed: 1726

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24597-LCS	WG24597-2	CWA2165	01/13/06	1836
02	WG24597-LCSD	WG24597-3	CWA2166	01/13/06	1945
03	46GW1201	WV6701-2RE	CWA2167	01/13/06	2055
04	46GW1001	WV6701-4RE	CWA2168	01/13/06	2204
05	46GW1601	WV6701-11RE	CWA2169	01/13/06	2314
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/13/06
Analysis Date: 13-JAN-2006 17:26
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24597-1
Client ID: WG24597-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24597
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	240	1.0	500	500	230
	n-Triacontane-D62		102%				
	O-Terphenyl		125%				

KATAHDIN ANALYTICAL SERVICES

LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/13/06
Analysis Date: 01/13/06
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG24597-2 & WG24597-3
Client ID: WG24597-LCS & WG24597-LCSD
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24597
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	1900	2000	112	118	5	30	55-118

FORM III SV-1

CWA2165.d & CWA2166.d

FORM 2

WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG24088-BLANK	WG24088-1	106	106							0
02	WG24088-LCS	WG24088-2	107	107							0
03	WG24088-LCSD	WG24088-3	108	111							0
04	3221GW0201	WV6688-1	106	107							0
05	44RB1214	WV6688-2	106	107							0
06	3221GW0301	WV6688-3	52	54J							1
07	3221GW0101	WV6688-4	108	111							0
08	46GW1101	WV6701-1	97	99							0
09	46GW1201	WV6701-2	38J	30J							2
10	46GW0901	WV6701-3	106	107							0
11	46GW1001	WV6701-4	36J	25J							2
12	46RB1217	WV6701-5	129	129							0
13	46GW1301	WV6701-7	102	102							0
14	46GW1401	WV6701-8	70	57J							1
15	46GW1401D	WV6701-9	74	61J							1
16	46GW1501	WV6701-10	105	107							0
17	46GW1601	WV6701-11	38J	30J							2
18	46GW0101	WV6766-1	104	107							0
19	46GW0201	WV6766-2	69	60J							1
20	46GW0801	WV6766-3	54	46J							1
21	WG24127-BLANK	WG24127-1	112	119							0
22	WG24127-LCS	WG24127-2	120	121							0
23	46GW0701	WV6766-4	128	129							0
24	46GW0301	WV6766-5	114	124							0
25	46GW0301MS	WG24127-3	113	119							0
26	46GW0301MSD	WG24127-4	116	123							0
27	WG24597-BLANK	WG24597-1	102	125							0
28	WG24597-LCS	WG24597-2	109	118							0

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2

WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG24597-LCSD	WG24597-3	111	124							0
02	46GW1201	WV6701-2RE	58	62J							1
03	46GW1001	WV6701-4RE	68	73J							1
04	46GW1601	WV6701-11RE	54	58J							1
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/22/05
Analysis Date: 01/13/06
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG24127-3 & WG24127-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24127
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.		MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1604	1604	0.00	2000	1800	*	125	112	10	30	55-118

FORM III SV-1

CWA2152.d & CWA2153.d

eport Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

tart Cal Date : 19-NOV-2005 14:36
nd Cal Date : 19-NOV-2005 19:16
uant Method : ESTD
rigin : Included
arget Version : 4.12
ntegrator : HP Genie
ethod file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
al Date : 21-Nov-2005 09:02 lschwieterman

alibration File Names:
evel 1: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4002.d
evel 2: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4003.d
evel 3: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4004.d
evel 4: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4005.d
evel 5: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4006.d

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M	1 FL-PRO peaks C8-C40	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	2 C-8	18338	75785	189028	368798	746245	LINR	-0.07835	3724		0.99994
	3 C-10	18483	76154	191956	374192	765799	LINR	0.26042	3820		0.99986
	4 C-12	20271	78236	192489	373169	764994	LINR	-0.04164	3809		0.99981
	5 C-14	20774	83134	194351	373732	760385	LINR	-0.67194	3779		0.99979
	6 C-16	23921	80541	194239	377869	765601	LINR	-0.65500	3806		0.99989
S	7 Petroleum Range Organics	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	8 C-18	21407	76511	193274	378388	766387	LINR	-0.13231	3821		0.99994
	10 C-20	20912	76150	190000	375019	760771	LINR	-0.01177	3794		0.99994
	11 C-22	19931	75005	188220	376505	765465	LINR	0.34955	3822		0.99992
	12 C-24	12579	57680	184943	369971	752531	LINR	1.99698	3795		0.99956
	13 C-26	19263	76923	185580	373118	759744	LINR	0.29951	3791		0.99989
	14 C-28	19307	76981	185193	371739	758111	LINR	0.29166	3781		0.99987
	16 C-30	22552	78539	188507	375747	761122	LINR	-0.22605	3790		0.99991
	17 C-32	19177	80538	181969	370086	751351	LINR	0.04491	3744		0.99980

Report Date : 17-Jan-2006 14:23

Sample Data Summary A0000610

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
$ 9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
$ 15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Report Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Sample Data Summary A0000611

FORM 6

FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CT0367-4

Instrument ID: GC12 Calibration Date(s): 11/19/05 11/19/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1436 1916

LAB FILE ID: RF5: CVK4002 RF20: CVK4003 RF50: CVK4004
RF100: CVK4005 RF200: CVK4006

							COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
C-24	12579	57680	184940	369970	752530	LINR	1.99697815	2.635e-004	0.99956	0.99000
C-8	18338	75785	189030	368800	746240	LINR	-7.83e-002	2.685e-004	0.99994	0.99000
C-10	18483	76154	191960	374190	765800	LINR	0.26042469	2.618e-004	0.99986	0.99000
C-12	20271	78236	192490	373170	764990	LINR	-4.16e-002	2.626e-004	0.99981	0.99000
C-14	20774	83134	194350	373730	760380	LINR	-0.6719443	2.646e-004	0.99979	0.99000
C-16	23921	80541	194240	377870	765600	LINR	-0.6549970	2.627e-004	0.99988	0.99000
C-18	21407	76511	193270	378390	766390	LINR	-0.1323092	2.617e-004	0.99994	0.99000
C-28	19307	76981	185190	371740	758110	LINR	0.29165544	2.645e-004	0.99987	0.99000
C-20	20912	76150	190000	375020	760770	LINR	-1.18e-002	2.636e-004	0.99994	0.99000
C-22	19931	75005	188220	376500	765460	LINR	0.34954625	2.617e-004	0.99992	0.99000
FL-PRO peaks C8-C40	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
C-26	19263	76923	185580	373120	759740	LINR	0.29950645	2.638e-004	0.99989	0.99000
C-38	35252	119420	168860	354160	723760	LINR	-3.6184126	2.831e-004	0.99439	0.99000
C-40	26544	91584	150270	357100	722040	LINR	-0.1267911	2.789e-004	0.99648	0.99000
C-30	22552	78539	188510	375750	761120	LINR	-0.2260476	2.638e-004	0.99991	0.99000
C-32	19177	80538	181970	370090	751350	LINR	4.491e-002	2.671e-004	0.99980	0.99000
C-34	15274	85113	177310	377040	768890	LINR	0.70895020	2.604e-004	0.99930	0.99000
C-36	21097	95253	196380	359200	736670	LINR	-2.0872768	2.751e-004	0.99872	0.99000
O-Terphenyl	4199.60	4038.70	4027.50	4127.00	4257.90	AVRG		4130.11200	2.422	40.000
n-Triacontane-D62	3310.30	3295.20	3112.00	3288.40	3371.60	AVRG		3275.48600	2.965	40.000

FORM VI FL-PRO

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/10/06 Time: 2030

Lab File ID: CWA2107 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	58.357000	50.000000	4277.9000	0.01	16.71	25.00	LINR	
C-8	57.136000	50.000000	4261.1000	0.01	14.27	25.00	LINR	
C-10	57.696000	50.000000	4388.2000	0.01	15.39	25.00	LINR	
C-12	56.938000	50.000000	4340.2000	0.01	13.88	25.00	LINR	
C-14	56.749000	50.000000	4339.9000	0.01	13.50	25.00	LINR	
C-16	56.742000	50.000000	4369.0000	0.01	13.48	25.00	LINR	
C-18	56.729000	50.000000	4345.5000	0.01	13.46	25.00	LINR	
C-28	57.347000	50.000000	4314.8000	0.01	14.69	25.00	LINR	
C-20	56.875000	50.000000	4316.0000	0.01	13.75	25.00	LINR	
C-22	57.150000	50.000000	4341.5000	0.01	14.30	25.00	LINR	
FL-PRO peaks C8-C40	922.73000	850.00000	4102.3000	0.01	8.56	25.00	LINR	
C-26	57.120000	50.000000	4307.6000	0.01	14.24	25.00	LINR	
C-38	40.691000	50.000000	3130.6000	0.01	-18.62	25.00	LINR	
C-40	37.459000	50.000000	2695.8000	0.01	-25.08	25.00	LINR	<-
C-30	57.012000	50.000000	4338.9000	0.01	14.02	25.00	LINR	
C-32	56.147000	50.000000	4201.3000	0.01	12.29	25.00	LINR	
C-34	52.638000	50.000000	3988.1000	0.01	5.28	25.00	LINR	
C-36	49.940000	50.000000	3782.2000	0.01	-0.12	25.00	LINR	
O-Terphenyl	4130.1000	4512.9000	4512.9000	0.01	9.27	25.00	AVRG	
n-Triacontane-D62	3275.5000	3618.8000	3618.8000	0.01	10.48	25.00	AVRG	

FORM VII PEST

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/11/06 Time: 1138

Lab File ID: CWA2120 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.529000	20.000000	4465.3000	0.01	27.64	25.00	LINR	<-
C-8	23.408000	20.000000	4373.0000	0.01	17.04	25.00	LINR	
C-10	24.959000	20.000000	4717.6000	0.01	24.80	25.00	LINR	
C-12	24.506000	20.000000	4674.6000	0.01	22.53	25.00	LINR	
C-14	23.434000	20.000000	4554.8000	0.01	17.17	25.00	LINR	
C-16	23.406000	20.000000	4578.7000	0.01	17.03	25.00	LINR	
C-18	23.743000	20.000000	4561.6000	0.01	18.72	25.00	LINR	
C-28	24.355000	20.000000	4549.4000	0.01	21.78	25.00	LINR	
C-20	23.931000	20.000000	4541.5000	0.01	19.66	25.00	LINR	
C-22	24.069000	20.000000	4532.4000	0.01	20.34	25.00	LINR	
FL-PRO peaks C8-C40	401.78000	340.00000	4482.9000	0.01	18.17	25.00	LINR	
C-26	24.190000	20.000000	4528.0000	0.01	20.95	25.00	LINR	
C-38	19.565000	20.000000	4095.0000	0.01	-2.18	25.00	LINR	
C-40	20.294000	20.000000	3661.6000	0.01	1.47	25.00	LINR	
C-30	24.082000	20.000000	4606.6000	0.01	20.41	25.00	LINR	
C-32	24.328000	20.000000	4546.3000	0.01	21.64	25.00	LINR	
C-34	25.215000	20.000000	4705.0000	0.01	26.08	25.00	LINR	<-
C-36	22.766000	20.000000	4517.0000	0.01	13.83	25.00	LINR	
O-Terphenyl	4130.1000	4930.5000	4930.5000	0.01	19.38	25.00	AVRG	
n-Triacontane-D62	3275.5000	3875.6000	3875.6000	0.01	18.32	25.00	AVRG	

FORM VII PEST

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/12/06 Time: 0149

Lab File ID: CWA2132 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	59.693000	50.000000	4379.3000	0.01	19.39	25.00	LINR	
C-8	57.646000	50.000000	4299.1000	0.01	15.29	25.00	LINR	
C-10	57.755000	50.000000	4392.8000	0.01	15.51	25.00	LINR	
C-12	56.578000	50.000000	4312.8000	0.01	13.16	25.00	LINR	
C-14	57.001000	50.000000	4359.0000	0.01	14.00	25.00	LINR	
C-16	58.107000	50.000000	4472.9000	0.01	16.21	25.00	LINR	
C-18	57.762000	50.000000	4424.5000	0.01	15.52	25.00	LINR	
C-28	58.236000	50.000000	4382.0000	0.01	16.47	25.00	LINR	
C-20	58.421000	50.000000	4433.3000	0.01	16.84	25.00	LINR	
C-22	58.699000	50.000000	4459.9000	0.01	17.40	25.00	LINR	
FL-PRO peaks C8-C40	914.65000	850.00000	4071.4000	0.01	7.60	25.00	LINR	
C-26	58.233000	50.000000	4392.0000	0.01	16.47	25.00	LINR	
C-38	34.498000	50.000000	2693.1000	0.01	-31.00	25.00	LINR	<-
C-40	29.584000	50.000000	2131.0000	0.01	-40.83	25.00	LINR	<-
C-30	57.914000	50.000000	4407.2000	0.01	15.83	25.00	LINR	
C-32	57.117000	50.000000	4274.0000	0.01	14.23	25.00	LINR	
C-34	54.233000	50.000000	4110.6000	0.01	8.47	25.00	LINR	
C-36	43.176000	50.000000	3290.5000	0.01	-13.65	25.00	LINR	
O-Terphenyl	4130.1000	4614.8000	4614.8000	0.01	11.74	25.00	AVRG	
n-Triacontane-D62	3275.5000	3647.3000	3647.3000	0.01	11.35	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/12/06 Time: 1701

Lab File ID: CWA2145 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.645000	20.000000	4487.3000	0.01	28.22	25.00	LINR	<-
C-8	23.478000	20.000000	4386.0000	0.01	17.39	25.00	LINR	
C-10	27.247000	20.000000	5154.6000	0.01	36.24	25.00	LINR	<-
C-12	26.323000	20.000000	5020.5000	0.01	31.62	25.00	LINR	<-
C-14	26.275000	20.000000	5091.6000	0.01	31.38	25.00	LINR	<-
C-16	23.879000	20.000000	4668.8000	0.01	19.40	25.00	LINR	
C-18	23.578000	20.000000	4530.2000	0.01	17.89	25.00	LINR	
C-28	24.134000	20.000000	4507.6000	0.01	20.67	25.00	LINR	
C-20	23.966000	20.000000	4548.2000	0.01	19.83	25.00	LINR	
C-22	24.207000	20.000000	4558.9000	0.01	21.04	25.00	LINR	
FL-PRO peaks C8-C40	374.50000	340.00000	4197.3000	0.01	10.15	25.00	LINR	
C-26	24.020000	20.000000	4495.6000	0.01	20.10	25.00	LINR	
C-38	8.9802000	20.000000	2225.4000	0.01	-55.10	25.00	LINR	<-
C-40	7.8333000	20.000000	1427.3000	0.01	-60.83	25.00	LINR	<-
C-30	23.793000	20.000000	4551.9000	0.01	18.96	25.00	LINR	
C-32	23.174000	20.000000	4330.2000	0.01	15.87	25.00	LINR	
C-34	22.072000	20.000000	4101.7000	0.01	10.36	25.00	LINR	
C-36	15.895000	20.000000	3268.2000	0.01	-20.52	25.00	LINR	
O-Terphenyl	4130.1000	4867.1000	4867.1000	0.01	17.84	25.00	AVRG	
n-Triacontane-D62	3275.5000	3792.0000	3792.0000	0.01	15.77	25.00	AVRG	

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/13/06 Time: 0811

Lab File ID: CWA2158 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	61.410000	50.000000	4509.6000	0.01	22.82	25.00	LINR	
C-8	59.287000	50.000000	4421.3000	0.01	18.57	25.00	LINR	
C-10	59.844000	50.000000	4552.4000	0.01	19.69	25.00	LINR	
C-12	60.365000	50.000000	4601.2000	0.01	20.73	25.00	LINR	
C-14	60.143000	50.000000	4596.4000	0.01	20.29	25.00	LINR	
C-16	59.855000	50.000000	4605.9000	0.01	19.71	25.00	LINR	
C-18	59.523000	50.000000	4559.1000	0.01	19.05	25.00	LINR	
C-28	60.332000	50.000000	4540.5000	0.01	20.66	25.00	LINR	
C-20	60.077000	50.000000	4559.0000	0.01	20.15	25.00	LINR	
C-22	60.251000	50.000000	4578.5000	0.01	20.50	25.00	LINR	
FL-PRO peaks C8-C40	902.44000	850.00000	4024.5000	0.01	6.17	25.00	LINR	
C-26	60.250000	50.000000	4544.9000	0.01	20.50	25.00	LINR	
C-38	22.976000	50.000000	1879.0000	0.01	-54.05	25.00	LINR	<-
C-40	17.129000	50.000000	1237.6000	0.01	-65.74	25.00	LINR	<-
C-30	59.470000	50.000000	4525.2000	0.01	18.94	25.00	LINR	
C-32	57.160000	50.000000	4277.2000	0.01	14.32	25.00	LINR	
C-34	48.517000	50.000000	3671.6000	0.01	-2.97	25.00	LINR	
C-36	35.847000	50.000000	2757.7000	0.01	-28.31	25.00	LINR	<-
O-Terphenyl	4130.1000	4770.7000	4770.7000	0.01	15.51	25.00	AVRG	
n-Triacontane-D62	3275.5000	3821.9000	3821.9000	0.01	16.68	25.00	AVRG	

FORM VII PEST

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/13/06 Time: 1452

Lab File ID: CWA2162 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	47.641000	50.000000	3464.5000	0.01	-4.72	25.00	LINR	
C-8	48.034000	50.000000	3583.3000	0.01	-3.93	25.00	LINR	
C-10	47.702000	50.000000	3624.7000	0.01	-4.60	25.00	LINR	
C-12	46.775000	50.000000	3566.1000	0.01	-6.45	25.00	LINR	
C-14	47.126000	50.000000	3612.6000	0.01	-5.75	25.00	LINR	
C-16	46.588000	50.000000	3596.1000	0.01	-6.82	25.00	LINR	
C-18	46.565000	50.000000	3568.7000	0.01	-6.87	25.00	LINR	
C-28	46.198000	50.000000	3471.6000	0.01	-7.60	25.00	LINR	
C-20	46.614000	50.000000	3537.6000	0.01	-6.77	25.00	LINR	
C-22	46.586000	50.000000	3534.1000	0.01	-6.83	25.00	LINR	
FL-PRO peaks C8-C40	761.14000	850.00000	3384.4000	0.01	-10.45	25.00	LINR	
C-26	46.233000	50.000000	3482.3000	0.01	-7.53	25.00	LINR	
C-38	36.657000	50.000000	2845.6000	0.01	-26.69	25.00	LINR	<-
C-40	36.548000	50.000000	2630.4000	0.01	-26.90	25.00	LINR	<-
C-30	45.741000	50.000000	3484.5000	0.01	-8.52	25.00	LINR	
C-32	44.967000	50.000000	3364.1000	0.01	-10.07	25.00	LINR	
C-34	41.828000	50.000000	3157.9000	0.01	-16.34	25.00	LINR	
C-36	39.341000	50.000000	3011.7000	0.01	-21.32	25.00	LINR	
O-Terphenyl	4130.1000	3647.7000	3647.7000	0.01	-11.68	25.00	AVRG	
n-Triacontane-D62	3275.5000	2905.8000	2905.8000	0.01	-11.29	25.00	AVRG	

FORM VII PEST

FORM 7B

SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC12 Calibration Date: 01/14/06 Time: 0723

Lab File ID: CWA2176 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	18.702000	20.000000	3169.8000	0.01	-6.49	25.00	LINR	
C-8	19.036000	20.000000	3559.0000	0.01	-4.82	25.00	LINR	
C-10	21.428000	20.000000	4043.2000	0.01	7.14	25.00	LINR	
C-12	20.937000	20.000000	3995.0000	0.01	4.68	25.00	LINR	
C-14	18.400000	20.000000	3603.6000	0.01	-8.00	25.00	LINR	
C-16	16.814000	20.000000	3324.2000	0.01	-15.93	25.00	LINR	
C-18	17.045000	20.000000	3281.9000	0.01	-14.78	25.00	LINR	
C-28	17.381000	20.000000	3230.8000	0.01	-13.10	25.00	LINR	
C-20	17.091000	20.000000	3244.0000	0.01	-14.54	25.00	LINR	
C-22	17.279000	20.000000	3235.0000	0.01	-13.60	25.00	LINR	
FL-PRO peaks C8-C40	304.00000	340.00000	3401.8000	0.01	-10.59	25.00	LINR	
C-26	17.240000	20.000000	3210.8000	0.01	-13.80	25.00	LINR	
C-38	13.653000	20.000000	3050.8000	0.01	-31.74	25.00	LINR	<-
C-40	15.401000	20.000000	2784.3000	0.01	-23.00	25.00	LINR	
C-30	17.366000	20.000000	3333.8000	0.01	-13.17	25.00	LINR	
C-32	18.154000	20.000000	3390.4000	0.01	-9.23	25.00	LINR	
C-34	20.537000	20.000000	3807.0000	0.01	2.68	25.00	LINR	
C-36	17.537000	20.000000	3566.5000	0.01	-12.32	25.00	LINR	
O-Terphenyl	4130.1000	3497.0000	3497.0000	0.01	-15.33	25.00	AVRG	
n-Triacontane-D62	3275.5000	2725.4000	2725.4000	0.01	-16.79	25.00	AVRG	

FORM VII PEST

FORM 8

FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8

FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.87 S2 : 23.89

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	01/10/06	2030	17.88	23.90
02	WG24088-BLAN	WG24088-1	01/11/06	0439	17.87	23.89
03	WG24088-LCS	WG24088-2	01/11/06	0549	17.87	23.89
04	WG24088-LCSD	WG24088-3	01/11/06	0659	17.87	23.89
05		FLPRO 20UG/M	01/11/06	1138	17.87	23.88
06	3221GW0201	WV6688-1	01/11/06	1258	17.87	23.89
07	44RB1214	WV6688-2	01/11/06	1408	17.87	23.89
08	3221GW0301	WV6688-3	01/11/06	1518	17.87	23.88
09	3221GW0101	WV6688-4	01/11/06	1628	17.87	23.89
10	46GW1101	WV6701-1	01/11/06	1738	17.87	23.88
11	46GW1201	WV6701-2	01/11/06	1848	17.87	23.88
12	46GW0901	WV6701-3	01/11/06	1958	17.87	23.89
13	46GW1001	WV6701-4	01/11/06	2108	17.87	23.87
14	46RB1217	WV6701-5	01/11/06	2218	17.87	23.89
15	46GW1301	WV6701-7	01/11/06	2328	17.87	23.88
16		FLPRO 50UG/M	01/12/06	0149	17.87	23.89
17	46GW1401	WV6701-8	01/12/06	0259	17.87	23.88
18	46GW1401D	WV6701-9	01/12/06	0409	17.87	23.88
19	46GW1501	WV6701-10	01/12/06	0519	17.87	23.88
20	46GW1601	WV6701-11	01/12/06	0630	17.87	23.87

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.87 S2 : 23.89

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	46GW0101	WV6766-1	01/12/06	0740	17.87	23.88
02	46GW0201	WV6766-2	01/12/06	1220	17.87	23.88
03	46GW0801	WV6766-3	01/12/06	1330	17.87	23.88
04		FLPRO 20UG/M	01/12/06	1701	17.87	23.89
05	WG24127-BLAN	WG24127-1	01/12/06	1810	17.87	23.88
06	WG24127-LCS	WG24127-2	01/12/06	1920	17.87	23.89
07	46GW0701	WV6766-4	01/12/06	2031	17.87	23.89
08	46GW0301	WV6766-5	01/12/06	2141	17.87	23.89
09	46GW0301MS	WG24127-3	01/13/06	0111	17.87	23.88
10	46GW0301MSD	WG24127-4	01/13/06	0221	17.86	23.88
11		FLPRO 50 UG/	01/13/06	0811	17.87	23.88
12		FLPRO 50 UG/	01/13/06	1452	17.88	23.89
13	WG24597-BLAN	WG24597-1	01/13/06	1726	17.87	23.89
14	WG24597-LCS	WG24597-2	01/13/06	1836	17.88	23.89
15	WG24597-LCSD	WG24597-3	01/13/06	1945	17.87	23.89
16	46GW1201	WV6701-2RE	01/13/06	2055	17.87	23.88
17	46GW1001	WV6701-4RE	01/13/06	2204	17.87	23.88
18	46GW1601	WV6701-11RE	01/13/06	2314	17.87	23.88
19		FLPRO 20UG/M	01/14/06	0723	17.87	23.89
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

46GW0701

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-4

Lab Sample ID: WV6766-4 Date(s) Analyzed: 01/12/06 01/12/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma-Chlordane	1	5.87	5.80	5.94	0.130	
	2	7.64	7.57	7.71	0.138	5.8
alpha-Chlordane	1	6.09	6.02	6.16	0.173	
	2	7.93	7.85	7.99	0.135	22.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24075-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24075-1 Lab File ID: 8WA1179

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/21/05

Date Analyzed (1): 01/11/06 Date Analyzed (2): 01/11/06

Time Analyzed (1): 2338 Time Analyzed (2): 2338

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24075-LCS	WG24075-2	8WA1180	01/12/06	01/12/06
02	46GW1101	WV6701-1	8WA1188	01/12/06	01/12/06
03	46GW1201	WV6701-2	8WA1189	01/12/06	01/12/06
04	46GW0901	WV6701-3	8WA1190	01/12/06	01/12/06
05	46GW1001	WV6701-4	8WA1191	01/12/06	01/12/06
06	46RB1217	WV6701-5	8WA1192	01/12/06	01/12/06
07	46GW1301	WV6701-7	8WA1193	01/12/06	01/12/06
08	46GW0301MS	WG24075-3	8WA1194	01/12/06	01/12/06
09	46GW0301MSD	WG24075-4	8WA1195	01/12/06	01/12/06
10	46GW1401	WV6701-8	8WA1202	01/12/06	01/12/06
11	46GW1401D	WV6701-9	8WA1203	01/12/06	01/12/06
12	46GW1501	WV6701-10	8WA1204	01/12/06	01/12/06
13	46GW1601	WV6701-11	8WA1205	01/12/06	01/12/06
14	46GW0101	WV6766-1	8WA1206	01/12/06	01/12/06
15	46GW0201	WV6766-2	8WA1207	01/12/06	01/12/06
16	46GW0801	WV6766-3	8WA1208	01/12/06	01/12/06
17	46GW0701	WV6766-4	8WA1209	01/12/06	01/12/06
18	46GW0301	WV6766-5	8WA1210	01/12/06	01/12/06
19					
20					
21					
22					
23					
24					

COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 23:38
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24075-1
Client ID: WG24075-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		84%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 01/12/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24075-2
Client ID: WG24075-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.46	92	43-114
gamma BHC	0.50	NA	0.48	96	43-117
Heptachlor	0.50	NA	0.43	86	37-109
beta-BHC	0.50	NA	0.50	99	48-121
Aldrin	0.50	NA	0.43	85	38-120
delta-BHC	0.50	NA	0.46	93	45-131
Heptachlor Epoxide	0.50	NA	0.49	97	43-127
Endosulfan I	0.50	NA	0.33	66	33-130
4,4'-DDE	0.50	NA	0.48	97	41-130
Dieldrin	0.50	NA	0.49	97	43-128
Endrin	0.50	NA	0.45	91	45-136
4,4'-DDD	0.50	NA	0.48	95	45-124
Endosulfan II	0.50	NA	0.34	68	47-128
4,4'-DDT	0.50	NA	0.48	95	36-141
Endrin Aldehyde	0.50	NA	0.45	91	31-155
Endosulfan sulfate	0.50	NA	0.50	100	43-132
Methoxychlor	0.50	NA	0.51	102	41-135
alpha-Chlordane	0.50	NA	0.48	97	38-131
gamma-Chlordane	0.50	NA	0.48	95	42-125
Endrin Ketone	0.50	NA	0.52	103	52-137

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23985-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG23985-1 Lab File ID: 8WA1137

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/17/05

Date Analyzed (1): 01/10/06 Date Analyzed (2): 01/10/06

Time Analyzed (1): 1145 Time Analyzed (2): 1145

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23985-LCS	WG23985-2	8WA1138	01/10/06	01/10/06
02	3221GW0201	WV6688-1	8WA1184	01/12/06	01/12/06
03	44RB1214	WV6688-2	8WA1185	01/12/06	01/12/06
04	3221GW0301	WV6688-3	8WA1186	01/12/06	01/12/06
05	3221GW0101	WV6688-4	8WA1187	01/12/06	01/12/06
06					
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COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 11:45
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23985-1
Client ID: WG23985-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		85%				
2051-24-3	Decachlorobiphenyl		48%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 01/10/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG23985-2
Client ID: WG23985-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.42	83	43-114
gamma BHC	0.50	NA	0.47	95	43-117
Heptachlor	0.50	NA	0.43	86	37-109
beta-BHC	0.50	NA	0.48	97	48-121
Aldrin	0.50	NA	0.41	81	38-120
delta-BHC	0.50	NA	0.43	86	45-131
Heptachlor Epoxide	0.50	NA	0.45	89	43-127
Endosulfan I	0.50	NA	0.42	84	33-130
4,4'-DDE	0.50	NA	0.43	85	41-130
Dieldrin	0.50	NA	0.47	94	43-128
Endrin	0.50	NA	0.47	94	45-136
4,4'-DDD	0.50	NA	0.44	89	45-124
Endosulfan II	0.50	NA	0.30	60	47-128
4,4'-DDT	0.50	NA	0.42	84	36-141
Endrin Aldehyde	0.50	NA	0.37	74	31-155
Endosulfan sulfate	0.50	NA	0.39	79	43-132
Methoxychlor	0.50	NA	0.42	85	41-135
alpha-Chlordane	0.50	NA	0.47	94	38-131
gamma-Chlordane	0.50	NA	0.47	94	42-125
Endrin Ketone	0.50	NA	0.40	80	52-137

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24712-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24712-1 Lab File ID: 8WA3152

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3520

Sulfur Cleanup: (Y/N) N Date Extracted: 01/17/06

Date Analyzed (1): 01/19/06 Date Analyzed (2): 01/19/06

Time Analyzed (1): 1419 Time Analyzed (2): 1419

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24712-LCS	WG24712-2	8WA3153	01/19/06	01/19/06
02	3221GW0201	WV6688-1RE	8WA3154	01/19/06	01/19/06
03	46GW1201	WV6701-2RE	8WA3157	01/19/06	01/19/06
04	46GW1001	WV6701-4RE	8WA3158	01/19/06	01/19/06
05	46GW1401	WV6701-8RE	8WA3159	01/19/06	01/19/06
06	46GW1401D	WV6701-9RE	8WA3160	01/19/06	01/19/06
07	46GW1601	WV6701-11RE	8WA3161	01/19/06	01/19/06
08	46GW0201	WV6766-2RE	8WA3162	01/19/06	01/19/06
09	46GW0801	WV6766-3RE	8WA3163	01/19/06	01/19/06
10					
11					
12					
13					
14					
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16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 19-JAN-2006 14:19
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24712-1
Client ID: WG24712-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		69%				
2051-24-3	Decachlorobiphenyl		48%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 01/19/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24712-2
Client ID: WG24712-LCS
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24712
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.44	86	43-114
gamma BHC	0.50	NA	0.45	88	43-117
Heptachlor	0.50	NA	0.41	80	37-109
beta-BHC	0.50	NA	0.45	89	48-121
Aldrin	0.50	NA	0.42	83	38-120
delta-BHC	0.50	NA	0.42	84	45-131
Heptachlor Epoxide	0.50	NA	0.43	86	43-127
Endosulfan I	0.50	NA	0.45	89	33-130
4,4'-DDE	0.50	NA	0.44	88	41-130
Dieldrin	0.50	NA	0.44	86	43-128
Endrin	0.50	NA	0.40	79	45-136
4,4'-DDD	0.50	NA	0.43	85	45-124
Endosulfan II	0.50	NA	0.44	86	47-128
4,4'-DDT	0.50	NA	0.41	82	36-141
Endrin Aldehyde	0.50	NA	0.40	80	31-155
Endosulfan sulfate	0.50	NA	0.46	92	43-132
Methoxychlor	0.50	NA	0.46	90	41-135
alpha-Chlordane	0.50	NA	0.44	87	38-131
gamma-Chlordane	0.50	NA	0.43	86	42-125
Endrin Ketone	0.50	NA	0.48	95	52-137

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23985-BLANK	WG23985-1	85	81	48	42			0
02	WG23985-LCS	WG23985-2	88	78	58	51			0
03	WG24075-BLANK	WG24075-1	83	84	65	66			0
04	WG24075-LCS	WG24075-2	88	86	66	68			0
05	3221GW0201	WV6688-1	84	83	35J	35J			2
06	44RB1214	WV6688-2	94	92	81	82			0
07	3221GW0301	WV6688-3	90	89	47	47			0
08	3221GW0101	WV6688-4	92	90	53	52			0
09	46GW1101	WV6701-1	78	88	66	66			0
10	46GW1201	WV6701-2	40	38	9J	9J			2
11	46GW0901	WV6701-3	91	91	72	72			0
12	46GW1001	WV6701-4	51	49	12J	11J			2
13	46RB1217	WV6701-5	86	85	74	74			0
14	46GW1301	WV6701-7	67	50	87	84			0
15	46GW0301MS	WG24075-3	88	88	55	54			0
16	46GW0301MSD	WG24075-4	92	89	66	66			0
17	46GW1401	WV6701-8	66	71	28J	27J			2
18	46GW1401D	WV6701-9	67	67	25J	25J			2
19	46GW1501	WV6701-10	83	83	44	45			0
20	46GW1601	WV6701-11	47	48	4J	4J			2
21	46GW0101	WV6766-1	88	90	53	55			0
22	46GW0201	WV6766-2	87	86	27J	28J			2
23	46GW0801	WV6766-3	78	78	21J	22J			2
24	46GW0701	WV6766-4	84	86	71	73			0
25	46GW0301	WV6766-5	90	90	54	56			0
26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)
S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24712-BLANK	WG24712-1	66	69	47	48			0
02	WG24712-LCS	WG24712-2	76	75	39	40			0
03	3221GW0201	WV6688-1RE	67	64	25J	25J			2
04	46GW1201	WV6701-2RE	14J	13J	7J	7J			4
05	46GW1001	WV6701-4RE	27J	22J	9J	9J			4
06	46GW1401	WV6701-8RE	69	74	23J	24J			2
07	46GW1401D	WV6701-9RE	76	77	22J	22J			2
08	46GW1601	WV6701-11RE	35	42	7J	8J			2
09	46GW0201	WV6766-2RE	76	77	22J	22J			2
10	46GW0801	WV6766-3RE	62	71	20J	20J			2
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)
S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 01/12/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24075-3 & WG24075-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
alpha-BHC	0.47	0.59	0.00	0.46	0.56	97	96	20	30	43-114
gamma BHC	0.47	0.59	0.00	0.47	0.58	99	99	21	30	43-117
Heptachlor	0.47	0.59	0.00	0.43	0.54	90	91	23	30	37-109
beta-BHC	0.47	0.59	0.00	0.49	0.60	103	102	21	30	48-121
Aldrin	0.47	0.59	0.00	0.42	0.53	89	91	23	30	38-120
delta-BHC	0.47	0.59	0.00	0.48	0.58	102	99	19	30	45-131
Heptachlor Epoxide	0.47	0.59	0.00	0.47	0.58	99	99	23	30	43-127
Endosulfan I	0.47	0.59	0.00	0.32	0.39	67	66	21	30	33-130
4,4'-DDE	0.47	0.59	0.00	0.46	0.58	98	98	22	30	41-130
Dieldrin	0.47	0.59	0.00	0.47	0.58	100	99	21	30	43-128
Endrin	0.47	0.59	0.00	0.48	0.59	101	100	21	30	45-136
4,4'-DDD	0.47	0.59	0.00	0.46	0.58	98	98	22	30	45-124
Endosulfan II	0.47	0.59	0.00	0.34	0.41	71	70	20	30	47-128
4,4'-DDT	0.47	0.59	0.00	0.46	0.57	96	96	22	30	36-141
Endrin Aldehyde	0.47	0.59	0.00	0.45	0.57	96	96	22	30	31-155
Endosulfan sulfate	0.47	0.59	0.00	0.50	0.61	106	104	20	30	43-132
Methoxychlor	0.47	0.59	0.00	0.48	0.61	103	104	23	30	41-135
alpha-Chlordane	0.47	0.59	0.00	0.48	0.59	101	100	21	30	38-131
gamma-Chlordane	0.47	0.59	0.00	0.46	0.58	97	98	22	30	42-125
Endrin Ketone	0.47	0.59	0.00	0.54	0.66	114	111	20	30	52-137

FORM III PEST-1

8WA1194.d & 8WA1195.d

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/11/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 1957

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1165 RF0.1: 8WA1028 RF0.25: 8WA1029

							COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	26568	52198	118180	238700	413900	853510	2ORDR	-5.21e-005	1.884e-007	1.227e-013	0.99988	0.99000
alpha-BHC	34812	69096	156620	340010	553360	970570	2ORDR	2.79e-003	8.075e-008	1.785e-013	0.99913	0.99000
gamma BHC	31984	63665	143280	307100	495790	969980	2ORDR	7.256e-004	1.332e-007	1.278e-013	0.99950	0.99000
beta-BHC	15919	30833	67949	146160	235550	511810	2ORDR	-7.17e-004	3.423e-007	2.9e-013	0.99900	0.99000
delta-BHC	23361	48006	113280	253840	413630	908730	2ORDR	2.106e-005	1.969e-007	8.647e-014	0.99900	0.99000
Heptachlor	32767	64344	142380	288340	474770	954980	2ORDR	-1.53e-004	1.516e-007	1.158e-013	0.99967	0.99000
Aldrin	28026	54914	125630	269340	448100	939780	2ORDR	3.662e-005	1.734e-007	9.879e-014	0.99950	0.99000
Heptachlor Epoxide	26358	49790	110360	237620	392250	823020	2ORDR	-1.86e-004	1.981e-007	1.291e-013	0.99943	0.99000
gamma-Chlordane	24971	49022	109830	216780	382270	815100	2ORDR	-5.68e-004	2.174e-007	1.107e-013	0.99989	0.99000
alpha-Chlordane	24560	48317	108300	214770	371000	790200	2ORDR	-6.67e-004	2.211e-007	1.22e-013	0.99979	0.99000
4,4'-DDE	22875	45959	107360	225880	382930	818400	2ORDR	-7.85e-005	2.111e-007	1.159e-013	0.99961	0.99000
4,4'-DDT	13618	31275	57993	159960	292820	644130	2ORDR	1.761e-003	2.933e-007	1.428e-013	0.99910	0.99000
Dieldrin	22433	45162	104670	212260	379760	798960	2ORDR	1.328e-004	2.15e-007	1.224e-013	0.99994	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	20131	42041	99254	190570	352030	741320	2ORDR	5.44e-005	2.361e-007	1.364e-013	1.00000	0.99000
4,4'-DDD	13846	29799	72514	157350	275080	609880	2ORDR	3.294e-004	3.109e-007	1.62e-013	0.99966	0.99000
Endosulfan II	17672	36972	84528	173930	306950	655750	2ORDR	-8.7e-006	2.696e-007	1.705e-013	0.99986	0.99000
Endrin Aldehyde	12938	27763	65469	129640	236970	524060	2ORDR	-2.16e-004	3.706e-007	2.043e-013	0.99994	0.99000
Methoxychlor	7174	15685	36295	82960	132070	287050	2ORDR	1.747e-004	5.971e-007	9.567e-013	0.99871	0.99000
Endosulfan sulfate	10189	20984	50139	116700	194380	435830	2ORDR	3.552e-004	4.334e-007	3.213e-013	0.99909	0.99000
Endrin Ketone	9741	22631	55303	124170	205780	454050	2ORDR	4.174e-004	3.992e-007	3.33e-013	0.99916	0.99000
Tetrachloro-m-Xylene	27094	50637	109580	226720	376970	780280	2ORDR	-4.74e-004	2.036e-007	1.508e-013	0.99960	0.99000
Decachlorobiphenyl	13181	25711	55631	108240	180760	379770	2ORDR	-1.12e-003	4.375e-007	5.915e-013	0.99960	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/11/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 1957

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

							COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15606	29462	77197	153480	303410	686280	2ORDR	5.891e-004	3.038e-007	8.672e-014	0.99996	0.99000
alpha-BHC	18170	37755	104120	250700	437120	944790	2ORDR	1.755e-003	1.86e-007	8.135e-014	0.99943	0.99000
gamma BHC	18416	37096	99033	214000	397330	890290	2ORDR	9.428e-004	2.226e-007	6.418e-014	0.99988	0.99000
beta-BHC	10182	19236	47424	105350	184520	413330	2ORDR	3.158e-004	4.7e-007	3.254e-013	0.99961	0.99000
delta-BHC	12993	25787	76324	191340	346670	809020	2ORDR	1.917e-003	2.581e-007	6.009e-014	0.99940	0.99000
Heptachlor	22367	41505	105590	231190	411940	905850	2ORDR	5.838e-004	2.076e-007	7.494e-014	0.99976	0.99000
Aldrin	17559	34415	91288	198850	374600	842750	2ORDR	1.035e-003	2.386e-007	6.734e-014	0.99988	0.99000
Heptachlor Epoxide	17064	32950	79324	171390	328240	735200	2ORDR	7.54e-004	2.75e-007	8.693e-014	0.99990	0.99000
gamma-Chlordane	15921	30046	79972	164200	316560	713740	2ORDR	7.062e-004	2.869e-007	8.732e-014	0.99996	0.99000
alpha-Chlordane	15742	30041	78098	164880	306040	691440	2ORDR	5.11e-004	2.931e-007	9.808e-014	0.99991	0.99000
4,4'-DDE	15381	28198	76320	161050	308610	703100	2ORDR	8.187e-004	2.96e-007	8.306e-014	0.99994	0.99000
4,4'-DDT	8668	17325	46022	102430	208130	497400	2ORDR	1.507e-003	4.625e-007	7.41e-014	0.99983	0.99000
Dieldrin	12879	25876	68153	151730	294750	683970	2ORDR	1.256e-003	3.15e-007	7.096e-014	0.99987	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	12303	23672	62328	133560	270480	623300	2ORDR	1.329e-003	3.469e-007	8.309e-014	0.99984	0.99000
4,4'-DDD	8008	16310	43615	100390	197120	479440	2ORDR	1.398e-003	4.883e-007	6.292e-014	0.99983	0.99000
Endosulfan II	11303	22157	56745	118110	233960	543580	2ORDR	7.523e-004	4.028e-007	1.022e-013	0.99995	0.99000
Endrin Aldehyde	9360	19037	43499	89156	176090	411190	2ORDR	1.423e-004	5.416e-007	1.603e-013	0.99996	0.99000
Methoxychlor	5065	9997	23640	52520	97587	224480	2ORDR	4.768e-004	9.377e-007	7.752e-013	0.99984	0.99000
Endosulfan sulfate	7259	13788	34889	74855	155400	373140	2ORDR	1.163e-003	6.292e-007	9.963e-014	0.99983	0.99000
Endrin Ketone	6672	13685	34600	75405	152490	371920	2ORDR	1.039e-003	6.422e-007	7.239e-014	0.99991	0.99000
Tetrachloro-m-Xylene	17222	33180	75665	162760	275560	602020	2ORDR	-2.95e-004	3.027e-007	1.885e-013	0.99950	0.99000
Decachlorobiphenyl	12233	24942	55749	109310	193470	418280	2ORDR	-6.9e-004	4.381e-007	3.865e-013	0.99987	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1024 RF0.1: 8WA1028 RF0.25: 8WA1029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	22228	43609	106520	198360	353540	744480	2ORDR	-4.48e-004	2.309e-007	1.42e-013	0.99994	0.99000
alpha-BHC	29785	59541	146500	286840	489990	974730	2ORDR	4.38e-004	1.461e-007	1.129e-013	0.99991	0.99000
gamma BHC	27377	53464	132440	254060	433680	928760	2ORDR	-6.39e-004	1.878e-007	8.872e-014	0.99968	0.99000
beta-BHC	14139	26333	62794	118040	204540	450470	2ORDR	-1.28e-003	4.195e-007	3.086e-013	0.99966	0.99000
delta-BHC	25068	49515	123130	259860	412230	871120	2ORDR	-7.64e-005	1.832e-007	1.198e-013	0.99895	0.99000
Heptachlor	28634	54102	126990	254970	409720	845710	2ORDR	-5.01e-004	1.806e-007	1.373e-013	0.99932	0.99000
Aldrin	23776	46708	115630	216100	388600	825670	2ORDR	-3.8e-004	2.135e-007	1.089e-013	0.99995	0.99000
Heptachlor Epoxide	23098	44284	105730	190900	346620	733060	2ORDR	-7.68e-004	2.404e-007	1.39e-013	0.99994	0.99000
gamma-Chlordane	21464	40946	98213	186410	327700	700530	2ORDR	-6.93e-004	2.533e-007	1.498e-013	0.99986	0.99000
alpha-Chlordane	22006	41787	99296	179380	325660	695420	2ORDR	-9.14e-004	2.595e-007	1.46e-013	0.99993	0.99000
4,4'-DDE	19742	39083	98208	189840	334420	710690	2ORDR	-1.73e-004	2.447e-007	1.513e-013	0.99989	0.99000
4,4'-DDT	14319	28507	72534	145080	256630	560630	2ORDR	-6.41e-005	3.306e-007	2.065e-013	0.99983	0.99000
Dieldrin	19012	37351	93069	181880	318470	688250	2ORDR	-3.49e-004	2.623e-007	1.479e-013	0.99982	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	18043	35093	87904	169620	299980	630470	2ORDR	-8.07e-005	2.693e-007	2.024e-013	0.99993	0.99000
4,4'-DDD	13256	26511	67396	140410	241630	539780	2ORDR	-1.21e-004	3.548e-007	2.021e-013	0.99956	0.99000
Endosulfan II	16755	32663	79485	150100	267950	577520	2ORDR	-5.94e-004	3.151e-007	2.063e-013	0.99990	0.99000
Endrin Aldehyde	13434	25164	61674	110070	209470	458740	2ORDR	-7.28e-004	4.244e-007	2.665e-013	0.99993	0.99000
Methoxychlor	7530	15128	36444	73102	122470	271200	2ORDR	-7.98e-004	6.874e-007	8.805e-013	0.99937	0.99000
Endosulfan sulfate	11936	23987	58837	117820	203380	458370	2ORDR	-6.74e-004	4.287e-007	2.593e-013	0.99957	0.99000
Endrin Ketone	13188	26539	65967	129890	224140	492680	2ORDR	-5.3e-004	3.775e-007	2.67e-013	0.99966	0.99000
Tetrachloro-m-Xylene	22732	42424	99257	194320	317880	684410	2ORDR	-1.17e-003	2.532e-007	1.672e-013	0.99927	0.99000
Decachlorobiphenyl	12701	23487	52993	90650	161710	345440	2ORDR	-1.91e-003	5.222e-007	6.017e-013	0.99972	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15334	29837	77219	155080	283880	639850	2ORDR	6.285e-006	3.144e-007	1.196e-013	0.99991	0.99000
alpha-BHC	18107	38987	111430	238050	427390	949290	2ORDR	9.921e-004	2.008e-007	6.495e-014	0.99977	0.99000
gamma BHC	16760	34979	97750	209390	373210	830890	2ORDR	8.233e-004	2.303e-007	8.396e-014	0.99974	0.99000
beta-BHC	9796	19189	49374	97108	177360	400550	2ORDR	-2.21e-004	5.045e-007	3.011e-013	0.99990	0.99000
delta-BHC	16442	33551	96862	195140	380300	862200	2ORDR	1.019e-003	2.393e-007	5.731e-014	0.99996	0.99000
Heptachlor	21077	40921	105800	200330	382770	853990	2ORDR	-3.73e-005	2.354e-007	6.722e-014	0.99999	0.99000
Aldrin	16097	32173	87330	182580	334340	773120	2ORDR	3.817e-004	2.718e-007	6.624e-014	0.99984	0.99000
Heptachlor Epoxide	16398	32426	84321	167800	312030	698480	2ORDR	1.643e-004	2.857e-007	1.032e-013	0.99996	0.99000
gamma-Chlordane	15786	30938	81055	159700	301740	681550	2ORDR	1.647e-004	3.001e-007	9.76e-014	0.99998	0.99000
alpha-Chlordane	16485	31967	81491	155650	298610	674670	2ORDR	-9.49e-005	3.064e-007	9.54e-014	0.99999	0.99000
4,4'-DDE	15081	29491	76269	155380	285630	660870	2ORDR	-3.61e-005	3.208e-007	8.738e-014	0.99988	0.99000
4,4'-DDT	8527	17140	48439	103390	199320	474480	2ORDR	9.505e-004	4.739e-007	1.076e-013	0.99992	0.99000
Dieldrin	13151	26487	71420	142650	283720	661730	2ORDR	6.689e-004	3.331e-007	6.59e-014	0.99998	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	11396	23300	64987	128290	258220	599870	2ORDR	8.637e-004	3.653e-007	8.318e-014	0.99995	0.99000
4,4'-DDD	7788	16439	46008	94988	194300	466270	2ORDR	1.217e-003	4.981e-007	7.549e-014	0.99992	0.99000
Endosulfan II	10873	21774	58392	113060	221550	508240	2ORDR	3.636e-004	4.195e-007	1.409e-013	0.99999	0.99000
Endrin Aldehyde	9247	18053	44919	89341	165660	391080	2ORDR	-4.88e-004	5.674e-007	1.878e-013	0.99989	0.99000
Methoxychlor	4968	10128	24906	51930	94374	217260	2ORDR	-4.83e-005	9.631e-007	8.678e-013	0.99984	0.99000
Endosulfan sulfate	8931	17746	45840	94430	175300	409980	2ORDR	8.423e-005	5.291e-007	1.97e-013	0.99990	0.99000
Endrin Ketone	8488	17292	46261	97504	180930	419920	2ORDR	5.005e-004	5.066e-007	2.09e-013	0.99988	0.99000
Tetrachloro-m-Xylene	15963	30767	75773	153370	257720	564430	2ORDR	-5.58e-004	3.224e-007	2.164e-013	0.99946	0.99000
Decachlorobiphenyl	12854	25399	57905	106950	187600	405430	2ORDR	-1.27e-003	4.505e-007	4.192e-013	0.99978	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/18/06 01/19/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1700 0115

LAB FILE ID: RF0.005: 8WA3120 RF0.01: 8WA3121 RF0.025: 8WA3122
RF0.05: 8WA3119 RF0.1: 8WA3123 RF0.25: 8WA3124

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Endosulfan I	32016	60728	137010	259620	431920	904510	2ORDR	-1.19e-003	1.813e-007	1.07e-013	0.99958	0.99000
alpha-BHC	35549	83111	194100	369630	563060	966530	2ORDR	2.398e-003	6.001e-008	2.026e-013	0.99951	0.99000
gamma BHC	41666	82897	185570	341460	576170	966480	2ORDR	2.665e-003	6.37e-008	1.975e-013	0.99887	0.99000
beta-BHC	22556	41143	91785	174290	292320	612090	2ORDR	-1.26e-003	2.702e-007	2.302e-013	0.99965	0.99000
delta-BHC	40600	78657	183090	352940	593120	966430	2ORDR	3.793e-003	4.732e-008	2.126e-013	0.99785	0.99000
Heptachlor	41934	80211	177100	326870	546800	966400	2ORDR	1.352e-003	8.998e-008	1.726e-013	0.99973	0.99000
Aldrin	37221	70983	163460	310670	526170	966500	2ORDR	1.054e-003	1.101e-007	1.523e-013	0.99987	0.99000
Heptachlor Epoxide	33610	64045	141300	267030	446600	937790	2ORDR	-1.32e-003	1.772e-007	9.728e-014	0.99961	0.99000
gamma-Chlordane	33240	62544	140350	264630	448360	951910	2ORDR	-1.32e-003	1.808e-007	8.779e-014	0.99966	0.99000
alpha-Chlordane	33091	60286	135800	260720	436160	901530	2ORDR	-9.56e-004	1.766e-007	1.133e-013	0.99970	0.99000
4,4'-DDE	31485	60415	140400	270530	454590	956420	2ORDR	-8.52e-004	1.74e-007	9.269e-014	0.99965	0.99000
4,4'-DDT	23752	45931	106580	212420	360200	775840	2ORDR	-7.41e-004	2.282e-007	1.229e-013	0.99962	0.99000
Dieldrin	30570	57025	133510	262340	440080	899090	2ORDR	-3.39e-004	1.706e-007	1.202e-013	0.99976	0.99000
Toxaphene	3532	5771	9345	15457	35531	105780	2ORDR	-6.97e-002	6.084e-005	3.248e-010	0.99984	0.99000
(2)	5377	12729	24461	42586	100720	312870	2ORDR	-1.81e-002	2.173e-005	3.288e-011	0.99996	0.99000
(3)	8368	19374	36073	62885	147060	455670	2ORDR	-2.5e-002	1.488e-005	1.564e-011	0.99996	0.99000
(4)	10023	23651	43709	74815	172880	520630	2ORDR	-2.66e-002	1.231e-005	1.335e-011	0.99995	0.99000
(5)	9996	24004	44561	77342	177540	537550	2ORDR	-2.56e-002	1.202e-005	1.234e-011	0.99996	0.99000
(6)	12864	32877	61638	107890	244970	723010	2ORDR	-1.79e-002	8.435e-006	7.499e-012	0.99997	0.99000
(7)	14412	37981	71568	127470	294850	886810	2ORDR	-1.17e-002	7.153e-006	4.665e-012	0.99998	0.99000
(8)	15676	42025	79196	139780	318670	942610	2ORDR	-1.34e-002	6.488e-006	4.387e-012	0.99998	0.99000
(9)	9447	25607	50179	90177	212990	660790	2ORDR	-5.42e-003	1.019e-005	7.495e-012	0.99998	0.99000
(10)	5095	14592	30491	57949	146650	497460	2ORDR	1.758e-002	1.578e-005	8.605e-012	0.99997	0.99000
Endrin	26871	50337	116840	231900	391510	794020	2ORDR	-1.46e-004	1.901e-007	1.577e-013	0.99981	0.99000
4,4'-DDD	24497	46899	110730	216840	368690	784680	2ORDR	-6.83e-004	2.195e-007	1.28e-013	0.99969	0.99000
Endosulfan II	28108	53207	119820	229260	386020	808870	2ORDR	-1.04e-003	2.047e-007	1.311e-013	0.99968	0.99000
Endrin Aldehyde	20937	39780	89615	170140	288410	635500	2ORDR	-1.63e-003	2.955e-007	1.59e-013	0.99948	0.99000
Methoxychlor	13402	25027	55818	104550	173100	361540	2ORDR	-1.39e-003	4.502e-007	6.814e-013	0.99954	0.99000
Endosulfan sulfate	19516	36725	84864	164310	284020	619060	2ORDR	-1.06e-003	2.982e-007	1.742e-013	0.99971	0.99000
Endrin Ketone	21089	40687	92489	177820	303880	660970	2ORDR	-1.23e-003	2.765e-007	1.575e-013	0.99963	0.99000
Tetrachloro-m-Xylene	34704	66392	144860	263350	443770	918840	2ORDR	-1.51e-003	1.755e-007	1.074e-013	0.99969	0.99000
Decachlorobiphenyl	19124	34083	72535	131460	219610	463290	2ORDR	-2.15e-003	3.66e-007	3.87e-013	0.99950	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/18/06 01/19/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1700 0115

LAB FILE ID: RF0.005: 8WA4120 RF0.01: 8WA4121 RF0.025: 8WA4122
RF0.05: 8WA4119 RF0.1: 8WA4123 RF0.25: 8WA4124

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	19839	38809	95424	196140	346210	769720	2ORDR	-1.86e-004	2.505e-007	9.714e-014	0.99977	0.99000
alpha-BHC	26456	55724	146720	303840	540240	965200	2ORDR	3.031e-003	9.953e-008	1.61e-013	0.99907	0.99000
gamma BHC	22903	48436	122590	259210	453080	947340	2ORDR	8.109e-004	1.741e-007	9.402e-014	0.99981	0.99000
beta-BHC	13222	25550	61857	125020	218510	488150	2ORDR	-5.46e-004	3.984e-007	2.364e-013	0.99971	0.99000
delta-BHC	20709	42375	115620	250390	446960	955690	2ORDR	1.159e-003	1.832e-007	8.078e-014	0.99980	0.99000
Heptachlor	26980	52170	129330	264170	459110	958550	2ORDR	2.913e-004	1.721e-007	9.24e-014	0.99984	0.99000
Aldrin	21349	43124	112490	238400	419990	926010	2ORDR	4.289e-004	2.026e-007	7.241e-014	0.99974	0.99000
Heptachlor Epoxide	22132	42695	107150	220200	385030	854120	2ORDR	-1.72e-004	2.234e-007	8.172e-014	0.99972	0.99000
gamma-Chlordane	21121	41148	102040	210330	371620	828630	2ORDR	-1.49e-004	2.341e-007	8.21e-014	0.99977	0.99000
alpha-Chlordane	21921	42636	104420	210710	370380	822640	2ORDR	-3.98e-004	2.338e-007	8.608e-014	0.99976	0.99000
4,4'-DDE	20253	40266	99815	203720	361750	813810	2ORDR	-2.41e-004	2.434e-007	7.905e-014	0.99978	0.99000
4,4'-DDT	12033	24113	63643	138560	253450	591190	2ORDR	5.367e-004	3.61e-007	1.035e-013	0.99979	0.99000
Dieldrin	17792	36162	92929	195360	355970	809100	2ORDR	3.204e-004	2.514e-007	7.081e-014	0.99986	0.99000
Toxaphene	2407	6483	12710	22867	59755	229250	2ORDR	-3.65e-003	4.158e-005	8.947e-012	0.99996	0.99000
(2)	4161	11251	21769	39229	98513	344200	2ORDR	-6.64e-003	2.412e-005	1.438e-011	0.99997	0.99000
(3)	3909	10752	20891	39106	100000	361610	2ORDR	2.968e-003	2.414e-005	9.704e-012	0.99997	0.99000
(4)	4521	12360	24423	45563	115720	408470	2ORDR	4.37e-003	2.058e-005	9.51e-012	0.99998	0.99000
(5)	8986	25261	49214	92237	229870	768930	2ORDR	6.096e-003	1.002e-005	3.867e-012	0.99998	0.99000
(6)	7215	19811	39338	75728	194880	673390	2ORDR	1.693e-002	1.205e-005	4.113e-012	0.99996	0.99000
(7)	7067	21029	41586	79937	202390	695830	2ORDR	1.435e-002	1.155e-005	4.025e-012	0.99998	0.99000
(8)	4406	13345	27290	55904	150630	553740	2ORDR	3.825e-002	1.6e-005	3.581e-012	0.99992	0.99000
(9)	3824	11500	23525	47392	129920	479850	2ORDR	3.965e-002	1.863e-005	4.435e-012	0.99990	0.99000
(10)	3630	10838	21666	43005	114630	425860	2ORDR	2.71e-002	2.12e-005	5.206e-012	0.99994	0.99000
Endrin	15569	30824	79284	170970	313110	706910	2ORDR	5.908e-004	2.842e-007	9.726e-014	0.99985	0.99000
4,4'-DDD	11110	22648	61506	134900	249590	585250	2ORDR	7.842e-004	3.687e-007	9.783e-014	0.99981	0.99000
Endosulfan II	15484	30106	76509	157170	281940	638870	2ORDR	-9.04e-005	3.156e-007	1.192e-013	0.99981	0.99000
Endrin Aldehyde	12156	23372	56157	115320	206310	476170	2ORDR	-5.34e-004	4.41e-007	1.797e-013	0.99976	0.99000
Methoxychlor	6647	12953	31894	65550	115980	261980	2ORDR	-3.07e-004	7.62e-007	7.416e-013	0.99975	0.99000
Endosulfan sulfate	10876	21460	53375	111870	204650	476060	2ORDR	-2.75e-005	4.495e-007	1.596e-013	0.99985	0.99000
Endrin Ketone	10493	21386	54375	116300	209330	488330	2ORDR	1.321e-004	4.359e-007	1.558e-013	0.99974	0.99000
Tetrachloro-m-Xylene	22216	41800	97305	193260	327910	709290	2ORDR	-8.49e-004	2.525e-007	1.432e-013	0.99961	0.99000
Decachlorobiphenyl	17220	31830	72501	137980	233230	494700	2ORDR	-1.2e-003	3.462e-007	3.28e-013	0.99965	0.99000

FORM VI SV

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1010.d	1.65	1.05

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2010.d	1.23	0.47

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA1017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	4.88e-002	5.e-002	3814400.0	0.01	-2.40	15.00	2RDR
gamma BHC	4.73e-002	5.e-002	4605900.0	0.01	-5.40	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	2165300.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.96e-002	5.e-002	4697800.0	0.01	-0.80	15.00	2RDR
Heptachlor	4.74e-002	5.e-002	4528900.0	0.01	-5.20	15.00	2RDR
Aldrin	4.82e-002	5.e-002	4121000.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	4.86e-002	5.e-002	3707000.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	5.03e-002	5.e-002	3633100.0	0.01	0.60	15.00	2RDR
alpha-Chlordane	4.96e-002	5.e-002	3541600.0	0.01	-0.80	15.00	2RDR
4,4'-DDE	4.84e-002	5.e-002	3571300.0	0.01	-3.20	15.00	2RDR
alpha-BHC	4.64e-002	5.e-002	5230400.0	0.01	-7.20	15.00	2RDR
Dieldrin	4.69e-002	5.e-002	3297900.0	0.01	-6.20	15.00	2RDR
Endrin	4.9e-002	5.e-002	3246000.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	4.67e-002	5.e-002	2465700.0	0.01	-6.60	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2845200.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.79e-002	5.e-002	2676600.0	0.01	-4.20	15.00	2RDR
Endrin Aldehyde	5.2e-002	5.e-002	2315700.0	0.01	4.00	15.00	2RDR
Methoxychlor	4.82e-002	5.e-002	1315900.0	0.01	-3.60	15.00	2RDR
Endosulfan sulfate	4.81e-002	5.e-002	2139000.0	0.01	-3.80	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	2494000.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA2017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.71e-002	5.e-002	2828500.0	0.01	-5.80	15.00	2RDR
gamma BHC	4.81e-002	5.e-002	3835800.0	0.01	-3.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1804700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.93e-002	5.e-002	3860400.0	0.01	-1.40	15.00	2RDR
Heptachlor	4.72e-002	5.e-002	3803700.0	0.01	-5.60	15.00	2RDR
Aldrin	4.71e-002	5.e-002	3306100.0	0.01	-5.80	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3143400.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.88e-002	5.e-002	3088800.0	0.01	-2.40	15.00	2RDR
alpha-Chlordane	4.82e-002	5.e-002	3009400.0	0.01	-3.60	15.00	2RDR
Endosulfan I	4.8e-002	5.e-002	2895700.0	0.01	-4.00	15.00	2RDR
alpha-BHC	4.68e-002	5.e-002	4264900.0	0.01	-6.40	15.00	2RDR
Dieldrin	4.71e-002	5.e-002	2715000.0	0.01	-5.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	2538800.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.7e-002	5.e-002	1812300.0	0.01	-6.00	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2207600.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.68e-002	5.e-002	1893800.0	0.01	-6.40	15.00	2RDR
Endrin Aldehyde	5.05e-002	5.e-002	1747400.0	0.01	1.00	15.00	2RDR
Endosulfan sulfate	4.75e-002	5.e-002	1736500.0	0.01	-5.00	15.00	2RDR
Methoxychlor	4.84e-002	5.e-002	964940.00	0.01	-3.20	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1905500.0	0.01	1.40	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/10/06
Time Analyzed :0944

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1134.d	2.54	0.78

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/10/06
Time Analyzed :0944

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2134.d	2.42	0.90

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 1115

Lab File ID: 8WA1136 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.54e-002	5.e-002	6092400.0	0.01	10.80	15.00	2RDR	
gamma BHC	5.93e-002	5.e-002	5632600.0	0.01	18.60	15.00	2RDR	<-
Heptachlor	5.92e-002	5.e-002	5471700.0	0.01	18.40	15.00	2RDR	<-
beta-BHC	5.89e-002	5.e-002	2617600.0	0.01	17.80	15.00	2RDR	<-
Aldrin	5.69e-002	5.e-002	4779500.0	0.01	13.80	15.00	2RDR	
delta-BHC	5.59e-002	5.e-002	5218100.0	0.01	11.80	15.00	2RDR	
Heptachlor Epoxide	5.53e-002	5.e-002	4164200.0	0.01	10.60	15.00	2RDR	
Endosulfan I	5.59e-002	5.e-002	4312700.0	0.01	11.80	15.00	2RDR	
4,4'-DDE	5.5e-002	5.e-002	4009700.0	0.01	10.00	15.00	2RDR	
Dieldrin	5.48e-002	5.e-002	3800200.0	0.01	9.60	15.00	2RDR	
Endrin	5.3e-002	5.e-002	3484900.0	0.01	6.00	15.00	2RDR	
4,4'-DDD	5.28e-002	5.e-002	2766300.0	0.01	5.60	15.00	2RDR	
Endosulfan II	5.21e-002	5.e-002	3041800.0	0.01	4.20	15.00	2RDR	
4,4'-DDT	4.97e-002	5.e-002	2770300.0	0.01	-0.60	15.00	2RDR	
Endrin Aldehyde	4.78e-002	5.e-002	2141300.0	0.01	-4.40	15.00	2RDR	
Endosulfan sulfate	4.77e-002	5.e-002	2120200.0	0.01	-4.60	15.00	2RDR	
Methoxychlor	5.03e-002	5.e-002	1366400.0	0.01	0.60	15.00	2RDR	
alpha-Chlordane	5.33e-002	5.e-002	3775500.0	0.01	6.60	15.00	2RDR	
gamma-Chlordane	5.53e-002	5.e-002	3955600.0	0.01	10.60	15.00	2RDR	
Endrin Ketone	4.84e-002	5.e-002	2388100.0	0.01	-3.20	15.00	2RDR	
Tetrachloro-m-Xylene	6.38e-002	5.e-002	4474100.0	0.01	27.60	15.00	2RDR	<-
Decachlorobiphenyl	5.12e-002	5.e-002	1839800.0	0.01	2.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 1115

Lab File ID: 8WA2136 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.86e-002	5.e-002	4421600.0	0.01	-2.80	15.00	2RDR
gamma BHC	5.13e-002	5.e-002	4082800.0	0.01	2.60	15.00	2RDR
Heptachlor	5.18e-002	5.e-002	4155700.0	0.01	3.60	15.00	2RDR
beta-BHC	4.9e-002	5.e-002	1850500.0	0.01	-2.00	15.00	2RDR
Aldrin	5.21e-002	5.e-002	3642800.0	0.01	4.20	15.00	2RDR
delta-BHC	4.7e-002	5.e-002	3682200.0	0.01	-6.00	15.00	2RDR
Heptachlor Epoxide	4.71e-002	5.e-002	3108900.0	0.01	-5.80	15.00	2RDR
Endosulfan I	4.67e-002	5.e-002	2819200.0	0.01	-6.60	15.00	2RDR
4,4'-DDE	5.03e-002	5.e-002	3012000.0	0.01	0.60	15.00	2RDR
Dieldrin	4.85e-002	5.e-002	2797200.0	0.01	-3.00	15.00	2RDR
Endrin	4.66e-002	5.e-002	2439300.0	0.01	-6.80	15.00	2RDR
4,4'-DDD	4.71e-002	5.e-002	1818000.0	0.01	-5.80	15.00	2RDR
Endosulfan II	4.79e-002	5.e-002	2185000.0	0.01	-4.20	15.00	2RDR
4,4'-DDT	4.74e-002	5.e-002	1918600.0	0.01	-5.20	15.00	2RDR
Endrin Aldehyde	4.74e-002	5.e-002	1641600.0	0.01	-5.20	15.00	2RDR
Endosulfan sulfate	4.3e-002	5.e-002	1575800.0	0.01	-14.00	15.00	2RDR
Methoxychlor	4.64e-002	5.e-002	925180.00	0.01	-7.20	15.00	2RDR
alpha-Chlordane	4.86e-002	5.e-002	3033600.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	4.72e-002	5.e-002	2989900.0	0.01	-5.60	15.00	2RDR
Endrin Ketone	4.35e-002	5.e-002	1642200.0	0.01	-13.00	15.00	2RDR
Tetrachloro-m-Xylene	5.3e-002	5.e-002	3016600.0	0.01	6.00	15.00	2RDR
Decachlorobiphenyl	4.39e-002	5.e-002	1845500.0	0.01	-12.20	15.00	2RDR

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 2150

Lab File ID: 8WA1159 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.68e-002	2.5e-002	6412500.0	0.01	7.20	15.00	2RDR	
gamma BHC	3.e-002	2.5e-002	6081000.0	0.01	20.00	15.00	2RDR	<-
Heptachlor	2.95e-002	2.5e-002	5975800.0	0.01	18.00	15.00	2RDR	<-
beta-BHC	2.98e-002	2.5e-002	2820000.0	0.01	19.20	15.00	2RDR	<-
Aldrin	2.9e-002	2.5e-002	5171000.0	0.01	16.00	15.00	2RDR	<-
delta-BHC	2.7e-002	2.5e-002	5429400.0	0.01	8.00	15.00	2RDR	
Heptachlor Epoxide	2.88e-002	2.5e-002	4617000.0	0.01	15.20	15.00	2RDR	<-
Endosulfan I	3.06e-002	2.5e-002	5000500.0	0.01	22.40	15.00	2RDR	<-
4,4'-DDE	2.86e-002	2.5e-002	4409400.0	0.01	14.40	15.00	2RDR	
Dieldrin	3.07e-002	2.5e-002	4452900.0	0.01	22.80	15.00	2RDR	<-
Endrin	2.98e-002	2.5e-002	4118600.0	0.01	19.20	15.00	2RDR	<-
4,4'-DDD	2.8e-002	2.5e-002	3034200.0	0.01	12.00	15.00	2RDR	
Endosulfan II	3.03e-002	2.5e-002	3696500.0	0.01	21.20	15.00	2RDR	<-
4,4'-DDT	2.8e-002	2.5e-002	3227000.0	0.01	12.00	15.00	2RDR	
Endrin Aldehyde	3.e-002	2.5e-002	2771400.0	0.01	20.00	15.00	2RDR	<-
Endosulfan sulfate	2.88e-002	2.5e-002	2640100.0	0.01	15.20	15.00	2RDR	<-
Methoxychlor	2.68e-002	2.5e-002	1529000.0	0.01	7.20	15.00	2RDR	
alpha-Chlordane	3.03e-002	2.5e-002	4527600.0	0.01	21.20	15.00	2RDR	<-
gamma-Chlordane	3.04e-002	2.5e-002	4594000.0	0.01	21.60	15.00	2RDR	<-
Endrin Ketone	2.9e-002	2.5e-002	2967700.0	0.01	16.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	3.03e-002	2.5e-002	4624800.0	0.01	21.20	15.00	2RDR	<-
Decachlorobiphenyl	3.01e-002	2.5e-002	2299100.0	0.01	20.40	15.00	2RDR	<-

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 2150

Lab File ID: 8WA2159 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	2.51e-002	2.5e-002	4630300.0	0.01	0.40	15.00	2RDR
gamma BHC	2.71e-002	2.5e-002	4395600.0	0.01	8.40	15.00	2RDR
Heptachlor	2.72e-002	2.5e-002	4484700.0	0.01	8.80	15.00	2RDR
beta-BHC	2.57e-002	2.5e-002	1999000.0	0.01	2.80	15.00	2RDR
Aldrin	2.8e-002	2.5e-002	3965100.0	0.01	12.00	15.00	2RDR
delta-BHC	2.41e-002	2.5e-002	3779500.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	2.68e-002	2.5e-002	3609200.0	0.01	7.20	15.00	2RDR
Endosulfan I	2.75e-002	2.5e-002	3390400.0	0.01	10.00	15.00	2RDR
4,4'-DDE	2.77e-002	2.5e-002	3375800.0	0.01	10.80	15.00	2RDR
Dieldrin	2.65e-002	2.5e-002	3050400.0	0.01	6.00	15.00	2RDR
Endrin	2.64e-002	2.5e-002	2754900.0	0.01	5.60	15.00	2RDR
4,4'-DDD	2.51e-002	2.5e-002	1904200.0	0.01	0.40	15.00	2RDR
Endosulfan II	2.81e-002	2.5e-002	2584700.0	0.01	12.40	15.00	2RDR
4,4'-DDT	2.59e-002	2.5e-002	2084200.0	0.01	3.60	15.00	2RDR
Endrin Aldehyde	2.67e-002	2.5e-002	1889800.0	0.01	6.80	15.00	2RDR
Endosulfan sulfate	2.45e-002	2.5e-002	1817100.0	0.01	-2.00	15.00	2RDR
Methoxychlor	2.48e-002	2.5e-002	1009800.0	0.01	-0.80	15.00	2RDR
alpha-Chlordane	2.7e-002	2.5e-002	3439500.0	0.01	8.00	15.00	2RDR
gamma-Chlordane	2.68e-002	2.5e-002	3451600.0	0.01	7.20	15.00	2RDR
Endrin Ketone	2.51e-002	2.5e-002	1907000.0	0.01	0.40	15.00	2RDR
Tetrachloro-m-Xylene	2.73e-002	2.5e-002	3278600.0	0.01	9.20	15.00	2RDR
Decachlorobiphenyl	2.69e-002	2.5e-002	2367400.0	0.01	7.60	15.00	2RDR

FORM VII PEST

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/11/06
Time Analyzed :1423

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1164.d	5.30	1.11

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/11/06
Time Analyzed :1423

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2164.d	5.03	0.39

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/11/06 Time: 2025

Lab File ID: 8WA1172 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Endosulfan I	4.94e-002	5.e-002	4459000.0	0.01	-1.20	15.00	2RDR	
gamma BHC	4.52e-002	5.e-002	5321800.0	0.01	-9.60	15.00	2RDR	
beta-BHC	4.69e-002	5.e-002	2515800.0	0.01	-6.20	15.00	2RDR	
delta-BHC	4.75e-002	5.e-002	4398000.0	0.01	-5.00	15.00	2RDR	
Heptachlor	4.55e-002	5.e-002	5053900.0	0.01	-9.00	15.00	2RDR	
Aldrin	4.74e-002	5.e-002	4801000.0	0.01	-5.20	15.00	2RDR	
Heptachlor Epoxide	4.67e-002	5.e-002	4169400.0	0.01	-6.60	15.00	2RDR	
gamma-Chlordane	4.94e-002	5.e-002	4159400.0	0.01	-1.20	15.00	2RDR	
alpha-Chlordane	4.76e-002	5.e-002	3941400.0	0.01	-4.80	15.00	2RDR	
4,4'-DDE	4.86e-002	5.e-002	4016000.0	0.01	-2.80	15.00	2RDR	
alpha-BHC	4.14e-002	5.e-002	5819500.0	0.01	-17.20	15.00	2RDR	<-
Dieldrin	4.77e-002	5.e-002	3975400.0	0.01	-4.60	15.00	2RDR	
Endrin	4.95e-002	5.e-002	3775200.0	0.01	-1.00	15.00	2RDR	
4,4'-DDD	4.65e-002	5.e-002	2771200.0	0.01	-7.00	15.00	2RDR	
Endosulfan II	4.9e-002	5.e-002	3292800.0	0.01	-2.00	15.00	2RDR	
4,4'-DDT	4.73e-002	5.e-002	2904600.0	0.01	-5.40	15.00	2RDR	
Endrin Aldehyde	5.14e-002	5.e-002	2597800.0	0.01	2.80	15.00	2RDR	
Methoxychlor	4.63e-002	5.e-002	1390500.0	0.01	-7.40	15.00	2RDR	
Endosulfan sulfate	4.68e-002	5.e-002	1995900.0	0.01	-6.40	15.00	2RDR	
Endrin Ketone	4.79e-002	5.e-002	2181300.0	0.01	-4.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/11/06 Time: 2025

Lab File ID: 8WA2172 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.88e-002	5.e-002	3104600.0	0.01	-2.40	15.00	2RDR
gamma BHC	4.76e-002	5.e-002	3964600.0	0.01	-4.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1894700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.83e-002	5.e-002	3451800.0	0.01	-3.40	15.00	2RDR
Heptachlor	4.66e-002	5.e-002	4127100.0	0.01	-6.80	15.00	2RDR
Aldrin	4.8e-002	5.e-002	3739700.0	0.01	-4.00	15.00	2RDR
Heptachlor Epoxide	4.79e-002	5.e-002	3260800.0	0.01	-4.20	15.00	2RDR
gamma-Chlordane	4.89e-002	5.e-002	3202600.0	0.01	-2.20	15.00	2RDR
alpha-Chlordane	4.85e-002	5.e-002	3115500.0	0.01	-3.00	15.00	2RDR
Endosulfan I	4.93e-002	5.e-002	3072900.0	0.01	-1.40	15.00	2RDR
alpha-BHC	4.6e-002	5.e-002	4348400.0	0.01	-8.00	15.00	2RDR
Dieldrin	4.75e-002	5.e-002	2844200.0	0.01	-5.00	15.00	2RDR
Endrin	4.83e-002	5.e-002	2637400.0	0.01	-3.40	15.00	2RDR
4,4'-DDD	4.61e-002	5.e-002	1817500.0	0.01	-7.80	15.00	2RDR
Endosulfan II	4.97e-002	5.e-002	2362600.0	0.01	-0.60	15.00	2RDR
4,4'-DDT	4.74e-002	5.e-002	1953100.0	0.01	-5.20	15.00	2RDR
Endrin Aldehyde	5.12e-002	5.e-002	1835600.0	0.01	2.40	15.00	2RDR
Endosulfan sulfate	4.91e-002	5.e-002	1506000.0	0.01	-1.80	15.00	2RDR
Methoxychlor	4.78e-002	5.e-002	971180.00	0.01	-4.40	15.00	2RDR
Endrin Ketone	5.14e-002	5.e-002	1555000.0	0.01	2.80	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/12/06
Time Analyzed :0754

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1197.d	9.32	4.52

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/12/06
Time Analyzed :0754

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2197.d	4.18	5.25

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/12/06 Time: 0822

Lab File ID: 8WA1198 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.94e-002	5.e-002	6652600.0	0.01	-1.20	15.00	2RDR	
gamma BHC	5.21e-002	5.e-002	5992800.0	0.01	4.20	15.00	2RDR	
Heptachlor	5.12e-002	5.e-002	5584900.0	0.01	2.40	15.00	2RDR	
beta-BHC	5.3e-002	5.e-002	2806200.0	0.01	6.00	15.00	2RDR	
Aldrin	5.23e-002	5.e-002	5243300.0	0.01	4.60	15.00	2RDR	
delta-BHC	5.33e-002	5.e-002	4886400.0	0.01	6.60	15.00	2RDR	
Heptachlor Epoxide	5.54e-002	5.e-002	4844800.0	0.01	10.80	15.00	2RDR	
Endosulfan I	5.4e-002	5.e-002	4945300.0	0.01	8.00	15.00	2RDR	
4,4'-DDE	5.09e-002	5.e-002	4318800.0	0.01	1.80	15.00	2RDR	
Dieldrin	5.64e-002	5.e-002	4626600.0	0.01	12.80	15.00	2RDR	
Endrin	5.64e-002	5.e-002	4250400.0	0.01	12.80	15.00	2RDR	
4,4'-DDD	5.93e-002	5.e-002	3481100.0	0.01	18.60	15.00	2RDR	<-
Endosulfan II	5.67e-002	5.e-002	3758200.0	0.01	13.40	15.00	2RDR	
4,4'-DDT	2.92e-002	5.e-002	1791600.0	0.01	-41.60	15.00	2RDR	<-
Endrin Aldehyde	5.84e-002	5.e-002	2928400.0	0.01	16.80	15.00	2RDR	<-
Endosulfan sulfate	5.66e-002	5.e-002	2383800.0	0.01	13.20	15.00	2RDR	
Methoxychlor	5.63e-002	5.e-002	1658800.0	0.01	12.60	15.00	2RDR	
alpha-Chlordane	5.44e-002	5.e-002	4436100.0	0.01	8.80	15.00	2RDR	
gamma-Chlordane	5.67e-002	5.e-002	4703400.0	0.01	13.40	15.00	2RDR	
Endrin Ketone	6.3e-002	5.e-002	2805600.0	0.01	26.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	5.48e-002	5.e-002	4631100.0	0.01	9.60	15.00	2RDR	
Decachlorobiphenyl	6.1e-002	5.e-002	2437600.0	0.01	22.00	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/12/06 Time: 0822

Lab File ID: 8WA2198 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.35e-002	5.e-002	5013900.0	0.01	7.00	15.00	2RDR	
gamma BHC	5.35e-002	5.e-002	4434700.0	0.01	7.00	15.00	2RDR	
Heptachlor	5.36e-002	5.e-002	4711100.0	0.01	7.20	15.00	2RDR	
beta-BHC	5.3e-002	5.e-002	2088900.0	0.01	6.00	15.00	2RDR	
Aldrin	5.43e-002	5.e-002	4213500.0	0.01	8.60	15.00	2RDR	
delta-BHC	5.3e-002	5.e-002	3787500.0	0.01	6.00	15.00	2RDR	
Heptachlor Epoxide	3.37e-002	5.e-002	2314500.0	0.01	-32.60	15.00	2RDR	<-
Endosulfan I	5.61e-002	5.e-002	3479000.0	0.01	12.20	15.00	2RDR	
4,4'-DDE	5.59e-002	5.e-002	3547300.0	0.01	11.80	15.00	2RDR	
Dieldrin	5.51e-002	5.e-002	3296900.0	0.01	10.20	15.00	2RDR	
Endrin	5.32e-002	5.e-002	2890700.0	0.01	6.40	15.00	2RDR	
4,4'-DDD	5.67e-002	5.e-002	2231500.0	0.01	13.40	15.00	2RDR	
Endosulfan II	5.65e-002	5.e-002	2677800.0	0.01	13.00	15.00	2RDR	
4,4'-DDT	5.47e-002	5.e-002	2261500.0	0.01	9.40	15.00	2RDR	
Endrin Aldehyde	5.58e-002	5.e-002	1997400.0	0.01	11.60	15.00	2RDR	
Endosulfan sulfate	5.47e-002	5.e-002	1679200.0	0.01	9.40	15.00	2RDR	
Methoxychlor	5.46e-002	5.e-002	1103900.0	0.01	9.20	15.00	2RDR	
alpha-Chlordane	5.61e-002	5.e-002	3576400.0	0.01	12.20	15.00	2RDR	
gamma-Chlordane	5.55e-002	5.e-002	3622400.0	0.01	11.00	15.00	2RDR	
Endrin Ketone	7.54e-002	5.e-002	2285100.0	0.01	50.80	15.00	2RDR	<-
Tetrachloro-m-Xylene	5.4e-002	5.e-002	3257100.0	0.01	8.00	15.00	2RDR	
Decachlorobiphenyl	5.77e-002	5.e-002	2408700.0	0.01	15.40	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/12/06 Time: 2138

Lab File ID: 8WA1222 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.32e-002	2.5e-002	7218000.0	0.01	-7.20	15.00	2RDR	
gamma BHC	2.61e-002	2.5e-002	6578800.0	0.01	4.40	15.00	2RDR	
Heptachlor	2.68e-002	2.5e-002	6351900.0	0.01	7.20	15.00	2RDR	
beta-BHC	2.71e-002	2.5e-002	3049300.0	0.01	8.40	15.00	2RDR	
Aldrin	2.67e-002	2.5e-002	5681400.0	0.01	6.80	15.00	2RDR	
delta-BHC	2.81e-002	2.5e-002	5389900.0	0.01	12.40	15.00	2RDR	
Heptachlor Epoxide	2.69e-002	2.5e-002	5048000.0	0.01	7.60	15.00	2RDR	
Endosulfan I	2.76e-002	2.5e-002	5397800.0	0.01	10.40	15.00	2RDR	
4,4'-DDE	2.68e-002	2.5e-002	4778400.0	0.01	7.20	15.00	2RDR	
Dieldrin	2.73e-002	2.5e-002	4738200.0	0.01	9.20	15.00	2RDR	
Endrin	2.62e-002	2.5e-002	4177400.0	0.01	4.80	15.00	2RDR	
4,4'-DDD	2.54e-002	2.5e-002	3104000.0	0.01	1.60	15.00	2RDR	
Endosulfan II	2.75e-002	2.5e-002	3846200.0	0.01	10.00	15.00	2RDR	
4,4'-DDT	2.6e-002	2.5e-002	3181200.0	0.01	4.00	15.00	2RDR	
Endrin Aldehyde	2.95e-002	2.5e-002	3078400.0	0.01	18.00	15.00	2RDR	<-
Endosulfan sulfate	2.9e-002	2.5e-002	2529400.0	0.01	16.00	15.00	2RDR	<-
Methoxychlor	2.25e-002	2.5e-002	1412300.0	0.01	-10.00	15.00	2RDR	
alpha-Chlordane	2.87e-002	2.5e-002	4973000.0	0.01	14.80	15.00	2RDR	
gamma-Chlordane	2.84e-002	2.5e-002	5005400.0	0.01	13.60	15.00	2RDR	
Endrin Ketone	3.19e-002	2.5e-002	2967900.0	0.01	27.60	15.00	2RDR	<-
Tetrachloro-m-Xylene	2.67e-002	2.5e-002	4894000.0	0.01	6.80	15.00	2RDR	
Decachlorobiphenyl	2.82e-002	2.5e-002	2470500.0	0.01	12.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/12/06 Time: 2138

Lab File ID: 8WA2222 Init. Calib. Date(s): 01/04/06 01/11/06

Init. Calib. Times: 1750 1957

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.49e-002	2.5e-002	4738000.0	0.01	-0.40	15.00	2RDR	
gamma BHC	2.72e-002	2.5e-002	4570000.0	0.01	8.80	15.00	2RDR	
Heptachlor	2.6e-002	2.5e-002	4692200.0	0.01	4.00	15.00	2RDR	
beta-BHC	2.59e-002	2.5e-002	2097500.0	0.01	3.60	15.00	2RDR	
Aldrin	2.66e-002	2.5e-002	4160400.0	0.01	6.40	15.00	2RDR	
delta-BHC	2.61e-002	2.5e-002	3667000.0	0.01	4.40	15.00	2RDR	
Heptachlor Epoxide	2.84e-002	2.5e-002	3901700.0	0.01	13.60	15.00	2RDR	
Endosulfan I	2.88e-002	2.5e-002	3623400.0	0.01	15.20	15.00	2RDR	<-
4,4'-DDE	2.69e-002	2.5e-002	3437000.0	0.01	7.60	15.00	2RDR	
Dieldrin	2.75e-002	2.5e-002	3276600.0	0.01	10.00	15.00	2RDR	
Endrin	2.52e-002	2.5e-002	2706600.0	0.01	0.80	15.00	2RDR	
4,4'-DDD	2.61e-002	2.5e-002	2014400.0	0.01	4.40	15.00	2RDR	
Endosulfan II	2.82e-002	2.5e-002	2678300.0	0.01	12.80	15.00	2RDR	
4,4'-DDT	2.5e-002	2.5e-002	2012000.0	0.01	0.00	15.00	2RDR	
Endrin Aldehyde	2.91e-002	2.5e-002	2104400.0	0.01	16.40	15.00	2RDR	<-
Endosulfan sulfate	2.8e-002	2.5e-002	1696600.0	0.01	12.00	15.00	2RDR	
Methoxychlor	2.39e-002	2.5e-002	978800.00	0.01	-4.40	15.00	2RDR	
alpha-Chlordane	2.83e-002	2.5e-002	3675000.0	0.01	13.20	15.00	2RDR	
gamma-Chlordane	2.81e-002	2.5e-002	3714700.0	0.01	12.40	15.00	2RDR	
Endrin Ketone	3.13e-002	2.5e-002	1876200.0	0.01	25.20	15.00	2RDR	<-
Tetrachloro-m-Xylene	2.63e-002	2.5e-002	3338300.0	0.01	5.20	15.00	2RDR	
Decachlorobiphenyl	2.96e-002	2.5e-002	2617600.0	0.01	18.40	15.00	2RDR	<-

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/18/06
Time Analyzed :1632

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA3105.d	2.94	4.02

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM): Date Analyzed :01/18/06
Lab Sample ID (PEM): EVAL Time Analyzed :1632

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA4105.d	2.11	2.45

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/18/06 Time: 1945

Lab File ID: 8WA3112 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Endosulfan I	4.96e-002	5.e-002	4894100.0	0.01	-0.80	15.00	2RDR	
gamma BHC	4.48e-002	5.e-002	6558800.0	0.01	-10.40	15.00	2RDR	
beta-BHC	4.89e-002	5.e-002	3258900.0	0.01	-2.20	15.00	2RDR	
delta-BHC	4.46e-002	5.e-002	6813500.0	0.01	-10.80	15.00	2RDR	
Heptachlor	4.55e-002	5.e-002	6164900.0	0.01	-9.00	15.00	2RDR	
Aldrin	4.64e-002	5.e-002	5858800.0	0.01	-7.20	15.00	2RDR	
Heptachlor Epoxide	4.87e-002	5.e-002	4973000.0	0.01	-2.60	15.00	2RDR	
gamma-Chlordane	5.05e-002	5.e-002	5097800.0	0.01	1.00	15.00	2RDR	
alpha-Chlordane	4.81e-002	5.e-002	4808600.0	0.01	-3.80	15.00	2RDR	
4,4'-DDE	4.9e-002	5.e-002	5046900.0	0.01	-2.00	15.00	2RDR	
alpha-BHC	4.1e-002	5.e-002	6256100.0	0.01	-18.00	15.00	2RDR	<-
Dieldrin	4.75e-002	5.e-002	4801200.0	0.01	-5.00	15.00	2RDR	
Endrin	4.86e-002	5.e-002	4343000.0	0.01	-2.80	15.00	2RDR	
4,4'-DDD	4.85e-002	5.e-002	4013500.0	0.01	-3.00	15.00	2RDR	
Endosulfan II	4.97e-002	5.e-002	4354000.0	0.01	-0.60	15.00	2RDR	
4,4'-DDT	4.78e-002	5.e-002	3853400.0	0.01	-4.40	15.00	2RDR	
Endrin Aldehyde	5.28e-002	5.e-002	3374100.0	0.01	5.60	15.00	2RDR	
Methoxychlor	5.e-002	5.e-002	1986100.0	0.01	0.00	15.00	2RDR	
Endosulfan sulfate	4.93e-002	5.e-002	3098500.0	0.01	-1.40	15.00	2RDR	
Endrin Ketone	5.26e-002	5.e-002	3536900.0	0.01	5.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/18/06 Time: 1945

Lab File ID: 8WA4112 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.83e-002	5.e-002	3758300.0	0.01	-3.40	15.00	2RDR
gamma BHC	4.77e-002	5.e-002	4771700.0	0.01	-4.60	15.00	2RDR
beta-BHC	4.88e-002	5.e-002	2320100.0	0.01	-2.40	15.00	2RDR
delta-BHC	4.94e-002	5.e-002	4763000.0	0.01	-1.20	15.00	2RDR
Heptachlor	4.69e-002	5.e-002	4803300.0	0.01	-6.20	15.00	2RDR
Aldrin	4.83e-002	5.e-002	4380500.0	0.01	-3.40	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3988900.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.95e-002	5.e-002	3962700.0	0.01	-1.00	15.00	2RDR
alpha-Chlordane	4.85e-002	5.e-002	3904100.0	0.01	-3.00	15.00	2RDR
Endosulfan I	4.87e-002	5.e-002	3641900.0	0.01	-2.60	15.00	2RDR
alpha-BHC	4.34e-002	5.e-002	5591100.0	0.01	-13.20	15.00	2RDR
Dieldrin	4.76e-002	5.e-002	3579100.0	0.01	-4.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	3200700.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.75e-002	5.e-002	2453600.0	0.01	-5.00	15.00	2RDR
Endosulfan II	4.88e-002	5.e-002	2936900.0	0.01	-2.40	15.00	2RDR
4,4'-DDT	4.72e-002	5.e-002	2496900.0	0.01	-5.60	15.00	2RDR
Endrin Aldehyde	5.11e-002	5.e-002	2238500.0	0.01	2.20	15.00	2RDR
Endosulfan sulfate	4.87e-002	5.e-002	2090500.0	0.01	-2.60	15.00	2RDR
Methoxychlor	4.88e-002	5.e-002	1215900.0	0.01	-2.40	15.00	2RDR
Endrin Ketone	5.13e-002	5.e-002	2256200.0	0.01	2.60	15.00	2RDR

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/19/06
Time Analyzed :1310

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA3150.d	4.98	9.48

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/19/06
Time Analyzed :1310

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA4150.d	3.56	6.62

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/19/06 Time: 1337

Lab File ID: 8WA3151 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.13e-002	5.e-002	6285800.0	0.01	-17.40	15.00	2RDR	<-
gamma BHC	4.89e-002	5.e-002	6976400.0	0.01	-2.20	15.00	2RDR	
Heptachlor	4.82e-002	5.e-002	6435300.0	0.01	-3.60	15.00	2RDR	
beta-BHC	4.87e-002	5.e-002	3249300.0	0.01	-2.60	15.00	2RDR	
Aldrin	4.8e-002	5.e-002	6016500.0	0.01	-4.00	15.00	2RDR	
delta-BHC	4.35e-002	5.e-002	6697600.0	0.01	-13.00	15.00	2RDR	
Heptachlor Epoxide	5.38e-002	5.e-002	5416800.0	0.01	7.60	15.00	2RDR	
Endosulfan I	5.2e-002	5.e-002	5095600.0	0.01	4.00	15.00	2RDR	
4,4'-DDE	5.01e-002	5.e-002	5149600.0	0.01	0.20	15.00	2RDR	
Dieldrin	5.19e-002	5.e-002	5179100.0	0.01	3.80	15.00	2RDR	
Endrin	5.01e-002	5.e-002	4463500.0	0.01	0.20	15.00	2RDR	
4,4'-DDD	4.97e-002	5.e-002	4104400.0	0.01	-0.60	15.00	2RDR	
Endosulfan II	4.98e-002	5.e-002	4356300.0	0.01	-0.40	15.00	2RDR	
4,4'-DDT	4.99e-002	5.e-002	4008700.0	0.01	-0.20	15.00	2RDR	
Endrin Aldehyde	5.28e-002	5.e-002	3379400.0	0.01	5.60	15.00	2RDR	
Endosulfan sulfate	5.15e-002	5.e-002	3220100.0	0.01	3.00	15.00	2RDR	
Methoxychlor	4.76e-002	5.e-002	1902400.0	0.01	-4.80	15.00	2RDR	
alpha-Chlordane	4.99e-002	5.e-002	4970100.0	0.01	-0.20	15.00	2RDR	
gamma-Chlordane	5.21e-002	5.e-002	5242000.0	0.01	4.20	15.00	2RDR	
Endrin Ketone	5.62e-002	5.e-002	3754800.0	0.01	12.40	15.00	2RDR	
Tetrachloro-m-Xylene	5.36e-002	5.e-002	5390400.0	0.01	7.20	15.00	2RDR	
Decachlorobiphenyl	5.23e-002	5.e-002	2615600.0	0.01	4.60	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/19/06 Time: 1337

Lab File ID: 8WA4151 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.79e-002	5.e-002	6047900.0	0.01	-4.20	15.00	2RDR
gamma BHC	5.36e-002	5.e-002	5302900.0	0.01	7.20	15.00	2RDR
Heptachlor	5.05e-002	5.e-002	5130700.0	0.01	1.00	15.00	2RDR
beta-BHC	5.1e-002	5.e-002	2412600.0	0.01	2.00	15.00	2RDR
Aldrin	5.24e-002	5.e-002	4729700.0	0.01	4.80	15.00	2RDR
delta-BHC	4.97e-002	5.e-002	4788600.0	0.01	-0.60	15.00	2RDR
Heptachlor Epoxide	5.06e-002	5.e-002	4218700.0	0.01	1.20	15.00	2RDR
Endosulfan I	5.47e-002	5.e-002	4059600.0	0.01	9.40	15.00	2RDR
4,4'-DDE	5.32e-002	5.e-002	4114600.0	0.01	6.40	15.00	2RDR
Dieldrin	5.33e-002	5.e-002	3987900.0	0.01	6.60	15.00	2RDR
Endrin	4.9e-002	5.e-002	3229900.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	5.12e-002	5.e-002	2641500.0	0.01	2.40	15.00	2RDR
Endosulfan II	5.29e-002	5.e-002	3171000.0	0.01	5.80	15.00	2RDR
4,4'-DDT	4.82e-002	5.e-002	2546300.0	0.01	-3.60	15.00	2RDR
Endrin Aldehyde	5.36e-002	5.e-002	2341700.0	0.01	7.20	15.00	2RDR
Endosulfan sulfate	5.48e-002	5.e-002	2340400.0	0.01	9.60	15.00	2RDR
Methoxychlor	4.89e-002	5.e-002	1219600.0	0.01	-2.20	15.00	2RDR
alpha-Chlordane	5.14e-002	5.e-002	4117900.0	0.01	2.80	15.00	2RDR
gamma-Chlordane	5.04e-002	5.e-002	4035000.0	0.01	0.80	15.00	2RDR
Endrin Ketone	5.69e-002	5.e-002	2494300.0	0.01	13.80	15.00	2RDR
Tetrachloro-m-Xylene	5.12e-002	5.e-002	3725600.0	0.01	2.40	15.00	2RDR
Decachlorobiphenyl	5.4e-002	5.e-002	2812400.0	0.01	8.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/20/06 Time: 0100

Lab File ID: 8WA3172 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	1.88e-002	2.5e-002	6909800.0	0.01	-24.80	15.00	2RDR	<-
gamma BHC	2.04e-002	2.5e-002	7149400.0	0.01	-18.40	15.00	2RDR	<-
Heptachlor	1.95e-002	2.5e-002	6224800.0	0.01	-22.00	15.00	2RDR	<-
beta-BHC	2.43e-002	2.5e-002	3518000.0	0.01	-2.80	15.00	2RDR	
Aldrin	2.21e-002	2.5e-002	6272600.0	0.01	-11.60	15.00	2RDR	
delta-BHC	1.89e-002	2.5e-002	7096800.0	0.01	-24.40	15.00	2RDR	<-
Heptachlor Epoxide	2.54e-002	2.5e-002	5602000.0	0.01	1.60	15.00	2RDR	
Endosulfan I	2.5e-002	2.5e-002	5350300.0	0.01	0.00	15.00	2RDR	
4,4'-DDE	2.38e-002	2.5e-002	5288400.0	0.01	-4.80	15.00	2RDR	
Dieldrin	2.4e-002	2.5e-002	5232200.0	0.01	-4.00	15.00	2RDR	
Endrin	2.28e-002	2.5e-002	4415300.0	0.01	-8.80	15.00	2RDR	
4,4'-DDD	2.42e-002	2.5e-002	4263700.0	0.01	-3.20	15.00	2RDR	
Endosulfan II	2.44e-002	2.5e-002	4631300.0	0.01	-2.40	15.00	2RDR	
4,4'-DDT	2.21e-002	2.5e-002	3800300.0	0.01	-11.60	15.00	2RDR	
Endrin Aldehyde	2.55e-002	2.5e-002	3502400.0	0.01	2.00	15.00	2RDR	
Endosulfan sulfate	2.48e-002	2.5e-002	3309700.0	0.01	-0.80	15.00	2RDR	
Methoxychlor	2.02e-002	2.5e-002	1800000.0	0.01	-19.20	15.00	2RDR	<-
alpha-Chlordane	2.34e-002	2.5e-002	5094600.0	0.01	-6.40	15.00	2RDR	
gamma-Chlordane	2.5e-002	2.5e-002	5465100.0	0.01	0.00	15.00	2RDR	
Endrin Ketone	2.77e-002	2.5e-002	3960600.0	0.01	10.80	15.00	2RDR	
Tetrachloro-m-Xylene	2.51e-002	2.5e-002	5579200.0	0.01	0.40	15.00	2RDR	
Decachlorobiphenyl	2.56e-002	2.5e-002	2820200.0	0.01	2.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date: 01/20/06 Time: 0100

Lab File ID: 8WA4172 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.08e-002	2.5e-002	5779800.0	0.01	-16.80	15.00	2RDR	<-
gamma BHC	2.46e-002	2.5e-002	5112800.0	0.01	-1.60	15.00	2RDR	
Heptachlor	2.34e-002	2.5e-002	5036200.0	0.01	-6.40	15.00	2RDR	
beta-BHC	2.42e-002	2.5e-002	2399900.0	0.01	-3.20	15.00	2RDR	
Aldrin	2.44e-002	2.5e-002	4538900.0	0.01	-2.40	15.00	2RDR	
delta-BHC	2.26e-002	2.5e-002	4466600.0	0.01	-9.60	15.00	2RDR	
Heptachlor Epoxide	2.37e-002	2.5e-002	4125800.0	0.01	-5.20	15.00	2RDR	
Endosulfan I	2.59e-002	2.5e-002	4002200.0	0.01	3.60	15.00	2RDR	
4,4'-DDE	2.5e-002	2.5e-002	4009800.0	0.01	0.00	15.00	2RDR	
Dieldrin	2.44e-002	2.5e-002	3736200.0	0.01	-2.40	15.00	2RDR	
Endrin	2.2e-002	2.5e-002	2937700.0	0.01	-12.00	15.00	2RDR	
4,4'-DDD	2.36e-002	2.5e-002	2440900.0	0.01	-5.60	15.00	2RDR	
Endosulfan II	2.49e-002	2.5e-002	3075300.0	0.01	-0.40	15.00	2RDR	
4,4'-DDT	2.13e-002	2.5e-002	2266100.0	0.01	-14.80	15.00	2RDR	
Endrin Aldehyde	2.54e-002	2.5e-002	2300900.0	0.01	1.60	15.00	2RDR	
Endosulfan sulfate	2.55e-002	2.5e-002	2231500.0	0.01	2.00	15.00	2RDR	
Methoxychlor	2.2e-002	2.5e-002	1139500.0	0.01	-12.00	15.00	2RDR	
alpha-Chlordane	2.43e-002	2.5e-002	4070400.0	0.01	-2.80	15.00	2RDR	
gamma-Chlordane	2.36e-002	2.5e-002	3924600.0	0.01	-5.60	15.00	2RDR	
Endrin Ketone	2.71e-002	2.5e-002	2418500.0	0.01	8.40	15.00	2RDR	
Tetrachloro-m-Xylene	2.44e-002	2.5e-002	3790800.0	0.01	-2.40	15.00	2RDR	
Decachlorobiphenyl	2.63e-002	2.5e-002	2966800.0	0.01	5.20	15.00	2RDR	

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	13.69	2.57
03		INDAB 0.005P	01/04/06	1817	13.67	2.56
04		INDAB 0.01PP	01/04/06	1845	13.67	2.56
05		INDAB 0.025P	01/04/06	1912	13.67	2.56
06		INDAB 0.1PPM	01/04/06	1940	13.67	2.56
07		INDAB 0.25PP	01/04/06	2007	13.65	2.56
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/10/06	0944		
11		INDAB 0.05	01/10/06	1115	13.67	2.56
12	WG23985-BLAN	WG23985-1	01/10/06	1145	13.65	2.56
13	WG23985-LCS	WG23985-2	01/10/06	1213	13.64	2.55
14		INDAB 0.025P	01/10/06	2150	13.64	2.55
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	19.21	3.33
03		INDAB 0.005P	01/04/06	1817	19.20	3.33
04		INDAB 0.01PP	01/04/06	1845	19.20	3.33
05		INDAB 0.025P	01/04/06	1912	19.20	3.33
06		INDAB 0.1PPM	01/04/06	1940	19.20	3.33
07		INDAB 0.25PP	01/04/06	2007	19.20	3.33
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/10/06	0944		
11		INDAB 0.05	01/10/06	1115	19.19	3.32
12	WG23985-BLAN	WG23985-1	01/10/06	1145	19.19	3.32
13	WG23985-LCS	WG23985-2	01/10/06	1213	19.19	3.32
14		INDAB 0.025	01/10/06	2150	19.19	3.32
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.64 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/11/06	1423		
02		INDAB 0.05PP	01/11/06	1740	13.67	2.56
03		INDAB 0.005P	01/11/06	1807	13.64	2.56
04		INDAB 0.01PP	01/11/06	1835	13.64	2.56
05		INDAB 0.025P	01/11/06	1902	13.64	2.56
06		INDAB 0.1PPM	01/11/06	1930	13.64	2.56
07		INDAB 0.25PP	01/11/06	1957	13.64	2.56
08		INDAB 0.05 I	01/11/06	2025		
09		TOXAPHENE 1P	01/11/06	2052		
10	WG24075-BLAN	WG24075-1	01/11/06	2338	13.64	2.56
11	WG24075-LCS	WG24075-2	01/12/06	0005	13.64	2.56
12	3221GW0201	WV6688-1	01/12/06	0156	13.64	2.56
13	44RB1214	WV6688-2	01/12/06	0223	13.64	2.56
14	3221GW0301	WV6688-3	01/12/06	0251	13.64	2.56
15	3221GW0101	WV6688-4	01/12/06	0319	13.64	2.56
16	46GW1101	WV6701-1	01/12/06	0346	13.64	2.56
17	46GW1201	WV6701-2	01/12/06	0414	13.64	2.56
18	46GW0901	WV6701-3	01/12/06	0441	13.64	2.56
19	46GW1001	WV6701-4	01/12/06	0509	13.64	2.56
20	46RB1217	WV6701-5	01/12/06	0537	13.64	2.56

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.64 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	46GW1301	WV6701-7	01/12/06	0604	13.64	2.56
02	46GW0301MS	WG24075-3	01/12/06	0632	13.64	2.56
03	46GW0301MSD	WG24075-4	01/12/06	0659	13.64	2.56
04		EVAL	01/12/06	0754		
05		INDAB 0.05 P	01/12/06	0822	13.64	2.56
06	46GW1401	WV6701-8	01/12/06	1224	13.64	2.56
07	46GW1401D	WV6701-9	01/12/06	1252	13.64	2.56
08	46GW1501	WV6701-10	01/12/06	1319	13.64	2.56
09	46GW1601	WV6701-11	01/12/06	1347	13.64	2.56
10	46GW0101	WV6766-1	01/12/06	1418	13.65	2.56
11	46GW0201	WV6766-2	01/12/06	1445	13.65	2.56
12	46GW0801	WV6766-3	01/12/06	1513	13.64	2.56
13	46GW0701	WV6766-4	01/12/06	1540	13.64	2.56
14	46GW0301	WV6766-5	01/12/06	1608	13.64	2.56
15		INDAB 0.025P	01/12/06	2138	13.64	2.56
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.19 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/11/06	1423		
02		INDAB 0.05PP	01/11/06	1740	19.19	3.33
03		INDAB 0.005P	01/11/06	1807	19.19	3.33
04		INDAB 0.01PP	01/11/06	1835	19.17	3.33
05		INDAB 0.025P	01/11/06	1902	19.17	3.33
06		INDAB 0.1PPM	01/11/06	1930	19.19	3.33
07		INDAB 0.25PP	01/11/06	1957	19.19	3.33
08		INDAB 0.05 I	01/11/06	2025		
09		TOXAPHENE 1P	01/11/06	2052		
10	WG24075-BLAN	WG24075-1	01/11/06	2338	19.19	3.33
11	WG24075-LCS	WG24075-2	01/12/06	0005	19.19	3.33
12	3221GW0201	WV6688-1	01/12/06	0156	19.19	3.33
13	44RB1214	WV6688-2	01/12/06	0223	19.19	3.33
14	3221GW0301	WV6688-3	01/12/06	0251	19.19	3.33
15	3221GW0101	WV6688-4	01/12/06	0319	19.19	3.33
16	46GW1101	WV6701-1	01/12/06	0346	19.19	3.33
17	46GW1201	WV6701-2	01/12/06	0414	19.19	3.33
18	46GW0901	WV6701-3	01/12/06	0441	19.19	3.33
19	46GW1001	WV6701-4	01/12/06	0509	19.19	3.33
20	46RB1217	WV6701-5	01/12/06	0537	19.19	3.33

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.19 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	46GW1301	WV6701-7	01/12/06	0604	19.19	3.33
02	46GW0301MS	WG24075-3	01/12/06	0632	19.19	3.33
03	46GW0301MSD	WG24075-4	01/12/06	0659	19.19	3.33
04		EVAL	01/12/06	0754		
05		INDAB 0.05 P	01/12/06	0822	19.19	3.33
06	46GW1401	WV6701-8	01/12/06	1224	19.19	3.33
07	46GW1401D	WV6701-9	01/12/06	1252	19.19	3.33
08	46GW1501	WV6701-10	01/12/06	1319	19.19	3.33
09	46GW1601	WV6701-11	01/12/06	1347	19.19	3.33
10	46GW0101	WV6766-1	01/12/06	1418	19.19	3.33
11	46GW0201	WV6766-2	01/12/06	1445	19.19	3.33
12	46GW0801	WV6766-3	01/12/06	1513	19.19	3.33
13	46GW0701	WV6766-4	01/12/06	1540	19.19	3.33
14	46GW0301	WV6766-5	01/12/06	1608	19.19	3.33
15		INDAB 0.025P	01/12/06	2138	19.17	3.33
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 14.24 TCX: 2.65

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/18/06	1632		
02		INDAB 0.05PP	01/18/06	1700	14.25	2.65
03		INDAB 0.005P	01/18/06	1727	14.25	2.65
04		INDAB 0.01PP	01/18/06	1755	14.25	2.65
05		INDAB 0.025P	01/18/06	1822	14.25	2.65
06		INDAB 0.1PPM	01/18/06	1850	14.25	2.65
07		INDAB 0.25PP	01/18/06	1917	14.25	2.65
08		INDAB 0.05PP	01/18/06	1945		
09		TOXAPHENE 1.	01/18/06	2012		
10		EVAL	01/19/06	1310		
11		INDAB 0.05PP	01/19/06	1337	14.24	2.65
12	WG24712-BLAN	WG24712-1	01/19/06	1419	14.28	2.67
13	WG24712-LCS	WG24712-2	01/19/06	1446	14.25	2.65
14	3221GW0201	WV6688-1RE	01/19/06	1645	14.28	2.67
15	46GW1201	WV6701-2RE	01/19/06	1808	14.24	2.65
16	46GW1001	WV6701-4RE	01/19/06	1835	14.24	2.65
17	46GW1401	WV6701-8RE	01/19/06	1902	14.24	2.65
18	46GW1401D	WV6701-9RE	01/19/06	1930	14.24	2.65
19	46GW1601	WV6701-11RE	01/19/06	1957	14.24	2.65
20	46GW0201	WV6766-2RE	01/19/06	2025	14.24	2.65

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 14.24 TCX: 2.65

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	46GW0801	WV6766-3RE	01/19/06	2052	14.24	2.65
02		INDAB 0.025P	01/20/06	0100	14.24	2.65
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 18.99 TCX: 3.25

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/18/06	1632		
02		INDAB 0.05PP	01/18/06	1700	19.00	3.25
03		INDAB 0.005P	01/18/06	1727	19.00	3.25
04		INDAB 0.01PP	01/18/06	1755	19.00	3.25
05		INDAB 0.025P	01/18/06	1822	19.00	3.25
06		INDAB 0.1PPM	01/18/06	1850	19.00	3.25
07		INDAB 0.25PP	01/18/06	1917	19.00	3.25
08		INDAB 0.05PP	01/18/06	1945		
09		TOXAPHENE 1.	01/18/06	2012		
10		EVAL	01/19/06	1310		
11		INDAB 0.05PP	01/19/06	1337	18.99	3.25
12	WG24712-BLAN	WG24712-1	01/19/06	1419	19.00	3.25
13	WG24712-LCS	WG24712-2	01/19/06	1446	19.00	3.25
14	3221GW0201	WV6688-1RE	01/19/06	1645	19.00	3.25
15	46GW1201	WV6701-2RE	01/19/06	1808	19.00	3.25
16	46GW1001	WV6701-4RE	01/19/06	1835	18.99	3.25
17	46GW1401	WV6701-8RE	01/19/06	1902	18.99	3.25
18	46GW1401D	WV6701-9RE	01/19/06	1930	18.99	3.25
19	46GW1601	WV6701-11RE	01/19/06	1957	18.99	3.25
20	46GW0201	WV6766-2RE	01/19/06	2025	18.99	3.25

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 18.99 TCX: 3.25

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	46GW0801	WV6766-3RE	01/19/06	2052	18.99	3.25
02		INDAB 0.025P	01/20/06	0100	18.99	3.25
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24074-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24074-1 Lab File ID: 6VL3074

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/21/05

Date Analyzed (1): 12/28/05 Date Analyzed (2): 12/28/05

Time Analyzed (1): 1803 Time Analyzed (2): 1803

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24074-LCS	WG24074-2	6VL3075	12/28/05	12/28/05
02	46GW1101	WV6701-1	6WA1080	01/10/06	01/10/06
03	46GW0301MS	WG24074-3	6WA1082	01/11/06	01/11/06
04	46GW0301MSD	WG24074-4	6WA1083	01/11/06	01/11/06
05	46GW0901	WV6701-3	6WA1088	01/11/06	01/11/06
06	46RB1217	WV6701-5	6WA1090	01/11/06	01/11/06
07	46GW1301	WV6701-7	6WA1091	01/11/06	01/11/06
08	46GW1401	WV6701-8	6WA1092	01/11/06	01/11/06
09	46GW1401D	WV6701-9	6WA1093	01/11/06	01/11/06
10	46GW1501	WV6701-10	6WA1094	01/11/06	01/11/06
11	46GW1601	WV6701-11	6WA1095	01/11/06	01/11/06
12	46GW0101	WV6766-1	6WA1096	01/11/06	01/11/06
13	46GW0201	WV6766-2	6WA1097	01/11/06	01/11/06
14	46GW0801	WV6766-3	6WA1098	01/11/06	01/11/06
15	46GW0701	WV6766-4	6WA1099	01/11/06	01/11/06
16	46GW0301	WV6766-5	6WA1100	01/11/06	01/11/06
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24074-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24074-1RA Lab File ID: 6WA3096

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) Y Date Extracted: 12/21/05

Date Analyzed (1): 01/21/06 Date Analyzed (2): 01/21/06

Time Analyzed (1): 1337 Time Analyzed (2): 1337

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24074-LCS	WG24074-2RA	6WA3097	01/21/06	01/21/06
02	46GW1201	WV6701-2RA	6WA3107	01/21/06	01/21/06
03	46GW1001	WV6701-4RA	6WA3108	01/21/06	01/21/06
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 28-DEC-2005 18:03
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24074-1
Client ID: WG24074-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		56%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 12/28/05
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG24074-2
Client ID: WG24074-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.9	98	51-146
Aroclor-1260	5.0	NA	4.4	88	63-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 01/21/06
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG24074-2RA
Client ID: WG24074-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24074SC
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	5.6	112	51-146
Aroclor-1260	5.0	NA	4.8	96	63-132

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23986-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG23986-1 Lab File ID: 6WA1009

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/17/05

Date Analyzed (1): 01/04/06 Date Analyzed (2): 01/04/06

Time Analyzed (1): 1545 Time Analyzed (2): 1545

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23986-LCS	WG23986-2	6WA1010	01/04/06	01/04/06
02	3221GW0201	WV6688-1	6WA1076	01/10/06	01/10/06
03	44RB1214	WV6688-2	6WA1077	01/10/06	01/10/06
04	3221GW0301	WV6688-3	6WA1078	01/10/06	01/10/06
05	3221GW0101	WV6688-4	6WA1079	01/10/06	01/10/06
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 04-JAN-2006 15:45
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23986-1
Client ID: WG23986-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		80%				
2051-24-3	Decachlorobiphenyl		J 44%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 01/04/06
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG23986-2
Client ID: WG23986-LCS
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.7	94	51-146
Aroclor-1260	5.0	NA	3.9	78	63-132

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24714-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24714-1 Lab File ID: 6WA3051

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3520

Sulfur Cleanup: (Y/N) N Date Extracted: 01/17/06

Date Analyzed (1): 01/20/06 Date Analyzed (2): 01/20/06

Time Analyzed (1): 1258 Time Analyzed (2): 1258

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24714-LCS	WG24714-2	6WA3052	01/20/06	01/20/06
02	3221GW0201	WV6688-1RE	6WA3053	01/20/06	01/20/06
03	3221GW0301	WV6688-3RE	6WA3054	01/20/06	01/20/06
04	3221GW0101	WV6688-4RE	6WA3055	01/20/06	01/20/06
05	46GW1401	WV6701-8RE	6WA3058	01/20/06	01/20/06
06	46GW1401D	WV6701-9RE	6WA3059	01/20/06	01/20/06
07	46GW1501	WV6701-10RE	6WA3060	01/20/06	01/20/06
08	46GW1601	WV6701-11RE	6WA3061	01/20/06	01/20/06
09	46GW0101	WV6766-1RE	6WA3062	01/20/06	01/20/06
10	46GW0201	WV6766-2RE	6WA3063	01/20/06	01/20/06
11	46GW0801	WV6766-3RE	6WA3064	01/20/06	01/20/06
12	46GW0301	WV6766-5RE	6WA3065	01/20/06	01/20/06
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 20-JAN-2006 12:58
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24714-1
Client ID: WG24714-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		J 48%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 01/20/06
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG24714-2
Client ID: WG24714-LCS
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.7	94	51-146
Aroclor-1260	5.0	NA	4.1	82	63-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 01/21/06
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG24714-2RA
Client ID: WG24714-LCS
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714SC
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.8	97	51-146
Aroclor-1260	5.0	NA	4.1	82	63-132

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24714-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab Sample ID: WG24714-1RA Lab File ID: 6WA3094

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3520

Sulfur Cleanup: (Y/N) Y Date Extracted: 01/17/06

Date Analyzed (1): 01/21/06 Date Analyzed (2): 01/21/06

Time Analyzed (1): 1240 Time Analyzed (2): 1240

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG24714-LCS	WG24714-2RA	6WA3095	01/21/06	01/21/06
02	46GW1201	WV6701-2RERA	6WA3101	01/21/06	01/21/06
03	46GW1001	WV6701-4RERA	6WA3102	01/21/06	01/21/06
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/17/06
Analysis Date: 21-JAN-2006 12:40
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24714-1RA
Client ID: WG24714-Blank
SDG: CTO367-4
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24714SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		86%				
2051-24-3	Decachlorobiphenyl		J 49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 21-JAN-2006 13:37
Report Date: 01/23/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24074-1RA
Client ID: WG24074-Blank
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24074SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		90%				
2051-24-3	Decachlorobiphenyl		62%				

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24074-BLANK	WG24074-1	81	78	56	56			0
02	WG24074-LCS	WG24074-2	83	78	60	60			0
03	WG23986-BLANK	WG23986-1	80	76	44J	42J			2
04	WG23986-LCS	WG23986-2	84	81	48J	46J			2
05	3221GW0201	WV6688-1	78	77	30J	30J			2
06	44RB1214	WV6688-2	87	86	72	69			0
07	3221GW0301	WV6688-3	84	84	40J	40J			2
08	3221GW0101	WV6688-4	86	85	45J	45J			2
09	46GW1101	WV6701-1	83	76	60	59			0
10	46GW0301MS	WG24074-3	86	86	54	54			0
11	46GW0301MSD	WG24074-4	86	87	54	54			0
12	46GW0901	WV6701-3	88	89	65	65			0
13	46RB1217	WV6701-5	84	84	68	68			0
14	46GW1301	WV6701-7	83	80	77	80			0
15	46GW1401	WV6701-8	74	67	25J	25J			2
16	46GW1401D	WV6701-9	66	61	21J	22J			2
17	46GW1501	WV6701-10	84	85	40J	40J			2
18	46GW1601	WV6701-11	52	54	4J	4J			2
19	46GW0101	WV6766-1	89	93	47J	48J			2
20	46GW0201	WV6766-2	83	77	24J	24J			2
21	46GW0801	WV6766-3	83	84	19J	19J			2
22	46GW0701	WV6766-4	86	88	67	66			0
23	46GW0301	WV6766-5	90	94	50J	50J			2
24	WG24714-BLANK	WG24714-1	85	81	48J	48J			2
25	WG24714-LCS	WG24714-2	85	79	38J	38J			2
26	3221GW0201	WV6688-1RE	73	67	25J	25J			2
27	3221GW0301	WV6688-3RE	69	64	25J	25J			2
28	3221GW0101	WV6688-4RE	74	70	31J	30J			2

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	46GW1401	WV6701-8RE	92	72	24J	24J			2
02	46GW1401D	WV6701-9RE	93	73	22J	23J			2
03	46GW1501	WV6701-10RE	90	82	41J	41J			2
04	46GW1601	WV6701-11RE	52	48	8J	9J			2
05	46GW0101	WV6766-1RE	87	80	59	58			0
06	46GW0201	WV6766-2RE	91	76	23J	23J			2
07	46GW0801	WV6766-3RE	92	85	21J	21J			2
08	46GW0301	WV6766-5RE	95	88	61	62			0
09	WG24714-BLANK	WG24714-1RA	86	80	49J	49J			2
10	WG24714-LCS	WG24714-2RA	86	81	39J	40J			2
11	WG24074-BLANK	WG24074-1RA	90	84	60	62			0
12	WG24074-LCS	WG24074-2RA	94	84	64	66			0
13	46GW1201	WV6701-2RERA	18J	18J	8J	8J			4
14	46GW1001	WV6701-4RERA	32J	32J	10J	10J			4
15	46GW1201	WV6701-2RA	50	46	10J	10J			2
16	46GW1001	WV6701-4RA	55	52	11J	11J			2
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 01/11/06
Report Date: 01/23/2006
Matrix: WATER

Lab ID: WG24074-3 & WG24074-4
Client ID: 46GW0301MS & 46GW0301MSD
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG24074
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	4.9	4.7	0.00	5.0	4.9	103	105	2	30	51-146
Aroclor-1260	4.9	4.7	0.00	4.2	4.0	85	84	4	30	63-132

FORM III PEST-1

6WA1082.d & 6WA1083.d

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK3170 RF0.1: 6VK3171 RF0.25: 6VK3172
RF1: 6VK3178 RF2.5: 6VK3173 RF10: 6VK3174

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1008	1991	4774	17632	40908	131080	2ORDR	-6.94e-003	5.434e-005	1.678e-010	1.00000	0.99000	
(2)	2362	4546	10750	41293	92830	304640	2ORDR	-1.22e-002	2.421e-005	2.842e-011	0.99998	0.99000	
(3)	1216	2377	5696	21309	49152	159300	2ORDR	-8.13e-003	4.555e-005	1.084e-010	1.00000	0.99000	
(4)	722	1432	3482	13877	33180	112340	2ORDR	1.172e-003	6.959e-005	1.728e-010	1.00000	0.99000	
(5)	800	1563	3735	13034	29685	93300	2ORDR	-1.44e-002	7.377e-005	3.598e-010	0.99999	0.99000	
Aroclor-1221				3301			2ORDR	0.00000000	3.029e-004	0.00000000	1.00000	0.99000	<
(2)				7686			2ORDR	0.00000000	1.301e-004	0.00000000	1.00000	0.99000	<
(3)				5624			2ORDR	0.00000000	1.778e-004	0.00000000	1.00000	0.99000	<
(4)				17610			2ORDR	0.00000000	5.679e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				4865			2ORDR	0.00000000	2.055e-004	0.00000000	1.00000	0.99000	<
(2)				14640			2ORDR	0.00000000	6.831e-005	0.00000000	1.00000	0.99000	<
(3)				9312			2ORDR	0.00000000	1.074e-004	0.00000000	1.00000	0.99000	<
(4)				7887			2ORDR	0.00000000	1.268e-004	0.00000000	1.00000	0.99000	<
(5)				16735			2ORDR	0.00000000	5.976e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1026	2017	4580	16012	35851	113600	2ORDR	-2.07e-002	6.141e-005	2.36e-010	0.99998	0.99000	
(2)	793	1590	3717	13823	31979	105340	2ORDR	-1.06e-002	7.092e-005	2.289e-010	0.99999	0.99000	
(3)	1761	3482	8171	30691	71569	240970	2ORDR	-1.02e-002	3.218e-005	3.887e-011	0.99999	0.99000	
(4)	921	1843	4353	16434	37883	127640	2ORDR	-1.15e-002	6.068e-005	1.392e-010	0.99999	0.99000	
(5)	576	1116	2712	10569	25419	89845	2ORDR	-3.73e-003	9.329e-005	2.01e-010	1.00000	0.99000	
Aroclor-1248	1090	2135	5270	20282	45723	155830	2ORDR	-1.3e-002	5.034e-005	8.937e-011	0.99996	0.99000	
(2)	993	1964	4881	19563	45588	159740	2ORDR	-4.98e-003	5.144e-005	7.009e-011	0.99999	0.99000	
(3)	1065	2074	5204	21337	49702	178670	2ORDR	-4.65e-003	4.775e-005	4.616e-011	0.99998	0.99000	
(4)	1284	2514	6199	24416	56158	199780	2ORDR	-1.07e-002	4.207e-005	4.028e-011	0.99997	0.99000	
(5)	765	1564	3960	17611	42753	163510	2ORDR	7.036e-003	5.707e-005	2.473e-011	0.99999	0.99000	
Aroclor-1254	1902	3677	8593	30202	71884	235460	2ORDR	-1.11e-002	3.167e-005	4.605e-011	0.99999	0.99000	
(2)	950	1908	4818	18474	46368	161370	2ORDR	5.935e-003	5.093e-005	6.813e-011	0.99998	0.99000	
(3)	1731	3432	8436	31555	78482	270560	2ORDR	1.456e-003	2.997e-005	2.582e-011	0.99999	0.99000	
(4)	1396	2745	6725	24732	62011	219810	2ORDR	-1.07e-003	3.857e-005	3.151e-011	0.99999	0.99000	
(5)	951	1883	4819	18060	45517	164200	2ORDR	2.263e-003	5.292e-005	4.853e-011	0.99999	0.99000	
Aroclor-1260	1084	2191	5334	20259	47206	154720	2ORDR	-4.79e-003	4.781e-005	1.089e-010	1.00000	0.99000	
(2)	1035	2079	5208	20731	48024	163560	2ORDR	-3.85e-003	4.8e-005	8.053e-011	0.99999	0.99000	
(3)	2120	4169	10255	44149	97577	350220	2ORDR	-9.67e-003	2.405e-005	1.296e-011	0.99990	0.99000	
(4)	1050	2063	5139	23115	51785	182790	2ORDR	-1.68e-003	4.491e-005	5.371e-011	0.99993	0.99000	
(5)	540	1091	2718	11543	25990	91046	2ORDR	-5.15e-003	8.943e-005	2.249e-010	0.99994	0.99000	
Tetrachloro-m-xylene	669	1393	3684	14543	38309	133950	2ORDR	3.838e-004	1.238e-006	1.881e-012	0.99994	0.99000	
Decachlorobiphenyl	640	1264	3073	11227	25958	83745	2ORDR	-1.77e-004	1.721e-006	7.991e-012	1.00000	0.99000	

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK4170 RF0.1: 6VK4171 RF0.25: 6VK4172
RF1: 6VK4178 RF2.5: 6VK4173 RF10: 6VK4174

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	4893	9335	21109	70634	153330	463190	2ORDR	-2.58e-002	1.371e-005	1.714e-011	0.99997	0.99000	
(2)	1939	3790	8985	31229	69038	214360	2ORDR	-1.91e-002	3.123e-005	7.238e-011	0.99998	0.99000	
(3)	8266	15655	35320	124310	268400	828980	2ORDR	-2.43e-002	7.967e-006	4.979e-012	0.99996	0.99000	
(4)	3310	6365	14839	52144	113700	355270	2ORDR	-2.24e-002	1.902e-005	2.588e-011	0.99996	0.99000	
(5)	2314	4657	11239	41618	91297	294740	2ORDR	-1.71e-002	2.423e-005	3.311e-011	0.99995	0.99000	
Aroclor-1221				6805			2ORDR	0.00000000	1.47e-004	0.00000000	1.00000	0.99000	<
(2)				24539			2ORDR	0.00000000	4.075e-005	0.00000000	1.00000	0.99000	<
(3)				48010			2ORDR	0.00000000	2.083e-005	0.00000000	1.00000	0.99000	<
(4)				11869			2ORDR	0.00000000	8.425e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				40705			2ORDR	0.00000000	2.457e-005	0.00000000	1.00000	0.99000	<
(2)				35664			2ORDR	0.00000000	2.804e-005	0.00000000	1.00000	0.99000	<
(3)				55204			2ORDR	0.00000000	1.811e-005	0.00000000	1.00000	0.99000	<
(4)				24174			2ORDR	0.00000000	4.137e-005	0.00000000	1.00000	0.99000	<
(5)				21934			2ORDR	0.00000000	4.559e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	3989	7646	17003	57326	125220	376290	2ORDR	-2.38e-002	1.672e-005	2.636e-011	0.99998	0.99000	
(2)	6521	12469	27864	95207	212440	662470	2ORDR	-2.32e-002	1.024e-005	7.38e-012	0.99998	0.99000	
(3)	2694	5157	11717	40649	91616	285280	2ORDR	-1.85e-002	2.373e-005	3.994e-011	0.99999	0.99000	
(4)	2408	4569	10466	34997	77509	235800	2ORDR	-2.26e-002	2.742e-005	6.4e-011	0.99998	0.99000	
(5)	2629	4993	11461	39901	89999	282900	2ORDR	-1.88e-002	2.434e-005	3.916e-011	0.99999	0.99000	
Aroclor-1248	3978	7625	17420	61770	132860	423300	2ORDR	-2.73e-002	1.65e-005	1.7e-011	0.99993	0.99000	
(2)	2486	4749	11148	40447	88393	293390	2ORDR	-2.51e-002	2.559e-005	2.926e-011	0.99993	0.99000	
(3)	4192	7953	18296	65378	141920	468470	2ORDR	-2.86e-002	1.588e-005	1.18e-011	0.99992	0.99000	
(4)	3628	6953	16199	58913	128000	423880	2ORDR	-2.6e-002	1.763e-005	1.423e-011	0.99992	0.99000	
(5)	3767	7150	16826	62378	138200	466820	2ORDR	-2.19e-002	1.658e-005	1.048e-011	0.99994	0.99000	
Aroclor-1254	1748	3394	7877	26898	59313	183520	2ORDR	-2.23e-002	3.629e-005	9.987e-011	0.99998	0.99000	
(2)	1795	3502	8228	28807	64995	207360	2ORDR	-1.84e-002	3.407e-005	6.872e-011	0.99998	0.99000	
(3)	3493	6561	15304	53307	123450	395260	2ORDR	-1.54e-002	1.808e-005	1.836e-011	0.99999	0.99000	
(4)	6331	11832	27421	92305	215480	686270	2ORDR	-1.74e-002	1.035e-005	6.183e-012	0.99999	0.99000	
(5)	5610	10656	24416	81956	190240	616580	2ORDR	-2.11e-002	1.188e-005	7.094e-012	0.99999	0.99000	
Aroclor-1260	4880	9483	22235	83217	180690	592560	2ORDR	-2.13e-002	1.237e-005	7.668e-012	0.99993	0.99000	
(2)	4055	7766	18111	65662	146310	477680	2ORDR	-2.01e-002	1.534e-005	1.181e-011	0.99997	0.99000	
(3)	7699	14712	33740	127130	281430	934820	2ORDR	-1.98e-002	8.049e-006	2.857e-012	0.99995	0.99000	
(4)	4399	8552	19921	74185	164030	550580	2ORDR	-2.13e-002	1.39e-005	7.811e-012	0.99994	0.99000	
(5)	1933	3740	8869	33229	74705	251410	2ORDR	-1.71e-002	3.064e-005	3.662e-011	0.99997	0.99000	
Tetrachloro-m-xylene	2431	5027	13175	47208	113110	364480	2ORDR	-6.67e-006	3.961e-007	4.188e-013	0.99999	0.99000	
Decachlorobiphenyl	1754	3473	8064	27882	63112	201010	2ORDR	-3.85e-004	7.018e-007	1.469e-012	0.99998	0.99000	

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA3022 RF0.1: 6WA3023 RF0.25: 6WA3024
RF1: 6WA3030 RF2.5: 6WA3025 RF10: 6WA3026

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1261	2411	5714	20093	44120	143490	2ORDR	-2.51e-002	5.066e-005	1.339e-010	0.99995	0.99000	
(2)	3307	6138	14309	49100	106580	340770	2ORDR	-2.94e-002	2.071e-005	2.562e-011	0.99994	0.99000	
(3)	1655	3133	7278	25128	54870	175990	2ORDR	-2.78e-002	4.034e-005	9.46e-011	0.99995	0.99000	
(4)	1097	2120	4726	16806	37357	124460	2ORDR	-2.7e-002	6.108e-005	1.567e-010	0.99995	0.99000	
(5)	1070	2020	4715	15452	32731	102290	2ORDR	-3.61e-002	6.597e-005	3.146e-010	0.99990	0.99000	
Aroclor-1221				3691			2ORDR	0.00000000	2.709e-004	0.00000000	1.00000	0.99000	<
(2)				9076			2ORDR	0.00000000	1.102e-004	0.00000000	1.00000	0.99000	<
(3)				6625			2ORDR	0.00000000	1.509e-004	0.00000000	1.00000	0.99000	<
(4)				20515			2ORDR	0.00000000	4.874e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				5706			2ORDR	0.00000000	1.753e-004	0.00000000	1.00000	0.99000	<
(2)				16935			2ORDR	0.00000000	5.905e-005	0.00000000	1.00000	0.99000	<
(3)				10754			2ORDR	0.00000000	9.299e-005	0.00000000	1.00000	0.99000	<
(4)				9186			2ORDR	0.00000000	1.089e-004	0.00000000	1.00000	0.99000	<
(5)				22275			2ORDR	0.00000000	4.489e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1244	2396	5320	18366	40245	125100	2ORDR	-2.52e-002	5.37e-005	2.114e-010	0.99997	0.99000	
(2)	992	1943	4388	15868	35631	114130	2ORDR	-1.8e-002	6.224e-005	2.239e-010	0.99998	0.99000	
(3)	2589	4929	11060	38692	86280	271590	2ORDR	-2.17e-002	2.538e-005	4.244e-011	0.99998	0.99000	
(4)	1297	2501	5625	19754	44350	140040	2ORDR	-2.e-002	4.954e-005	1.572e-010	0.99998	0.99000	
(5)	1256	1910	3825	13155	30419	99230	2ORDR	-3.2e-002	7.514e-005	2.617e-010	0.99998	0.99000	
Aroclor-1248	1559	2993	6775	22884	52469	171780	2ORDR	-2.44e-002	4.33e-005	8.766e-011	0.99998	0.99000	
(2)	1409	2722	6323	22416	52677	177620	2ORDR	-1.58e-002	4.398e-005	6.99e-011	0.99999	0.99000	
(3)	1879	3588	8139	27658	63219	208410	2ORDR	-2.51e-002	3.608e-005	5.769e-011	0.99998	0.99000	
(4)	2057	3901	8893	30013	68875	227190	2ORDR	-2.5e-002	3.316e-005	4.826e-011	0.99998	0.99000	
(5)	1435	2763	6515	23833	56803	194500	2ORDR	-1.05e-002	4.115e-005	5.305e-011	1.00000	0.99000	
Aroclor-1254	2716	4713	10882	37621	82077	256910	2ORDR	-2.67e-002	2.647e-005	4.892e-011	0.99996	0.99000	
(2)	1481	2680	6467	24340	55237	180250	2ORDR	-1.21e-002	4.064e-005	8.272e-011	0.99999	0.99000	
(3)	2731	4898	11668	42765	95502	306060	2ORDR	-1.66e-002	2.317e-005	3.123e-011	0.99998	0.99000	
(4)	2471	4503	10491	38097	84331	271030	2ORDR	-2.03e-002	2.629e-005	3.944e-011	0.99997	0.99000	
(5)	1542	2884	6913	26564	61904	203820	2ORDR	-5.84e-003	3.66e-005	6.129e-011	1.00000	0.99000	
Aroclor-1260	1653	3100	7292	25043	54854	178230	2ORDR	-2.89e-002	4.078e-005	8.696e-011	0.99994	0.99000	
(2)	1552	2924	7062	24931	56153	185040	2ORDR	-2.07e-002	4.034e-005	7.471e-011	0.99997	0.99000	
(3)	3414	6279	15064	53652	121210	408540	2ORDR	-2.22e-002	1.898e-005	1.359e-011	0.99997	0.99000	
(4)	1732	3215	8001	29011	65755	220740	2ORDR	-1.73e-002	3.483e-005	4.78e-011	0.99997	0.99000	
(5)	904	1701	4252	15233	34457	115610	2ORDR	-1.85e-002	6.646e-005	1.748e-010	0.99997	0.99000	
Tetrachloro-m-xylene	927	1802	4396	17512	39796	127580	2ORDR	-5.64e-005	1.109e-006	3.603e-012	0.99999	0.99000	
Decachlorobiphenyl	873	1698	4226	14313	31521	98582	2ORDR	-4.28e-004	1.376e-006	6.673e-012	0.99997	0.99000	

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA4022 RF0.1: 6WA4023 RF0.25: 6WA4024
RF1: 6WA4030 RF2.5: 6WA4025 RF10: 6WA4026

							COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	5195	9616	22068	76142	157120	489630	2ORDR	-3.55e-002	1.359e-005	1.413e-011	0.99986	0.99000	
(2)	2234	4326	9716	34352	73712	229900	2ORDR	-2.61e-002	2.921e-005	6.267e-011	0.99994	0.99000	
(3)	8705	16346	37006	133000	283240	883350	2ORDR	-2.57e-002	7.582e-006	4.268e-012	0.99993	0.99000	
(4)	3666	7089	15614	55910	119460	375580	2ORDR	-2.74e-002	1.813e-005	2.282e-011	0.99993	0.99000	
(5)	2668	5226	11756	44193	96554	310160	2ORDR	-1.93e-002	2.285e-005	3.05e-011	0.99995	0.99000	
Aroclor-1221				6820			2ORDR	0.00000000	1.466e-004	0.00000000	1.00000	0.99000	<
(2)				24882			2ORDR	0.00000000	4.019e-005	0.00000000	1.00000	0.99000	<
(3)				48199			2ORDR	0.00000000	2.075e-005	0.00000000	1.00000	0.99000	<
(4)				11602			2ORDR	0.00000000	8.619e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				41389			2ORDR	0.00000000	2.416e-005	0.00000000	1.00000	0.99000	<
(2)				36577			2ORDR	0.00000000	2.734e-005	0.00000000	1.00000	0.99000	<
(3)				58825			2ORDR	0.00000000	1.7e-005	0.00000000	1.00000	0.99000	<
(4)				25739			2ORDR	0.00000000	3.885e-005	0.00000000	1.00000	0.99000	<
(5)				23092			2ORDR	0.00000000	4.331e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	4160	7744	17312	58888	134390	408180	2ORDR	-1.63e-002	1.588e-005	2.121e-011	0.99999	0.99000	
(2)	6861	12710	28921	103810	228150	702470	2ORDR	-1.85e-002	9.369e-006	6.967e-012	0.99998	0.99000	
(3)	3031	5404	12534	44353	97740	301660	2ORDR	-1.96e-002	2.195e-005	3.737e-011	0.99998	0.99000	
(4)	2345	4003	9518	32883	71555	217660	2ORDR	-2.22e-002	2.953e-005	7.591e-011	0.99997	0.99000	
(5)	2791	5180	12196	43569	95737	298480	2ORDR	-1.9e-002	2.256e-005	3.69e-011	0.99997	0.99000	
Aroclor-1248	4307	8169	18797	62078	142180	455450	2ORDR	-2.41e-002	1.574e-005	1.378e-011	0.99998	0.99000	
(2)	2657	5115	12346	42421	98310	322420	2ORDR	-1.74e-002	2.31e-005	2.472e-011	0.99999	0.99000	
(3)	4398	8309	19486	66906	152750	502190	2ORDR	-2.23e-002	1.488e-005	1.012e-011	0.99998	0.99000	
(4)	3833	7248	17243	59545	137140	452410	2ORDR	-1.96e-002	1.662e-005	1.222e-011	0.99998	0.99000	
(5)	3757	7181	17508	61874	147920	495910	2ORDR	-1.02e-002	1.562e-005	9.206e-012	0.99999	0.99000	
Aroclor-1254	1906	3164	8290	31030	65558	197630	2ORDR	-1.34e-002	3.145e-005	9.728e-011	0.99994	0.99000	
(2)	1867	3279	8403	32609	71247	223040	2ORDR	-8.95e-003	3.016e-005	6.599e-011	0.99996	0.99000	
(3)	3565	6372	15707	58793	132390	416980	2ORDR	-9.41e-003	1.647e-005	1.808e-011	0.99999	0.99000	
(4)	6642	11899	28313	102850	230970	719350	2ORDR	-1.32e-002	9.372e-006	6.323e-012	0.99999	0.99000	
(5)	6540	11818	27639	99792	219880	690130	2ORDR	-1.89e-002	9.884e-006	6.717e-012	0.99997	0.99000	
Aroclor-1260	5462	10093	24535	87883	193950	623480	2ORDR	-2.01e-002	1.142e-005	7.472e-012	0.99996	0.99000	
(2)	4553	8257	20336	72411	157380	508600	2ORDR	-2.39e-002	1.409e-005	1.106e-011	0.99994	0.99000	
(3)	9266	16479	40574	145090	327740	1001100	2ORDR	-9.84e-003	6.496e-006	3.499e-012	1.00000	0.99000	
(4)	5129	9279	23182	82607	184250	597500	2ORDR	-1.88e-002	1.212e-005	7.788e-012	0.99997	0.99000	
(5)	2261	4348	10599	38590	88506	287780	2ORDR	-1.18e-002	2.537e-005	3.276e-011	0.99999	0.99000	
Tetrachloro-m-xylene	2933	5713	13793	53874	116660	368070	2ORDR	-2.33e-004	3.703e-007	4.723e-013	0.99995	0.99000	
Decachlorobiphenyl	2037	3806	9280	32356	70081	216290	2ORDR	-4.23e-004	6.09e-007	1.469e-012	0.99996	0.99000	

FORM VI SV

FORM 8

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.15 DCB: 19.39

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	6.15	19.39
02		AR1660 0.05P	01/19/06	1342	6.14	19.39
03		AR1660 0.1PP	01/19/06	1410	6.14	19.39
04		AR1660 0.25P	01/19/06	1439	6.14	19.37
05		AR1660 2.5PP	01/19/06	1507	6.14	19.38
06		AR1660 10PPM	01/19/06	1535	6.14	19.37
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14		AR1660 1.0PP	01/20/06	1218	6.14	19.38
15	WG24714-BLAN	WG24714-1	01/20/06	1258	6.15	19.38
16	WG24714-LCS	WG24714-2	01/20/06	1326	6.14	19.37
17	3221GW0201	WV6688-1RE	01/20/06	1354	6.14	19.37
18	3221GW0301	WV6688-3RE	01/20/06	1422	6.14	19.38
19	3221GW0101	WV6688-4RE	01/20/06	1451	6.14	19.37
20	46GW1401	WV6701-8RE	01/20/06	1615	6.14	19.38

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1604

Lab File ID: 6WA3007 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1808000	1.0000000	22468.000	0.01	18.08	15.00	2RDR	<-
(2)	1.1779000	1.0000000	54617.000	0.01	17.79	15.00	2RDR	<-
(3)	1.1863000	1.0000000	28226.000	0.01	18.63	15.00	2RDR	<-
(4)	1.1925000	1.0000000	19037.000	0.01	19.25	15.00	2RDR	<-
(5)	1.1261000	1.0000000	16344.000	0.01	12.61	15.00	2RDR	
Average %D: 17.270								

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1604

Lab File ID: 6WA4007 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.2270000	1.0000000	85345.000	0.01	22.70	15.00	2RDR	<-
(2)	1.2101000	1.0000000	39045.000	0.01	21.01	15.00	2RDR	<-
(3)	1.1652000	1.0000000	145200.00	0.01	16.52	15.00	2RDR	<-
(4)	1.1909000	1.0000000	62299.000	0.01	19.09	15.00	2RDR	<-
(5)	1.1752000	1.0000000	49064.000	0.01	17.52	15.00	2RDR	<-
Average %D: 19.370								

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA3008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1270000	1.0000000	26811.000	0.01	12.70	15.00	2RDR
(2)	1.1132000	1.0000000	26780.000	0.01	11.32	15.00	2RDR
(3)	1.1214000	1.0000000	57849.000	0.01	12.14	15.00	2RDR
(4)	1.1062000	1.0000000	30940.000	0.01	10.62	15.00	2RDR
(5)	1.1156000	1.0000000	16361.000	0.01	11.56	15.00	2RDR
Average %D: 11.670							

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA4008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1110000	1.0000000	93382.000	0.01	11.10	15.00	2RDR
(2)	1.1272000	1.0000000	77054.000	0.01	12.72	15.00	2RDR
(3)	1.0851000	1.0000000	155540.00	0.01	8.51	15.00	2RDR
(4)	1.1124000	1.0000000	88344.000	0.01	11.24	15.00	2RDR
(5)	1.1068000	1.0000000	41838.000	0.01	10.68	15.00	2RDR
Average %D: 10.850							

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 12/28/05 Time: 1357

Lab File ID: 6VL3067 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9414800	1.0000000	16601.000	0.01	-5.85	15.00	2RDR
(2)	0.9858800	1.0000000	39403.000	0.01	-1.41	15.00	2RDR
(3)	0.9507300	1.0000000	20089.000	0.01	-4.93	15.00	2RDR
(4)	0.9343900	1.0000000	12991.000	0.01	-6.56	15.00	2RDR
(5)	0.9565500	1.0000000	12410.000	0.01	-4.34	15.00	2RDR
Average %D: -4.620							
Aroclor-1260	0.9536600	1.0000000	19206.000	0.01	-4.63	15.00	2RDR
(2)	0.9625500	1.0000000	19497.000	0.01	-3.74	15.00	2RDR
(3)	1.0192000	1.0000000	41842.000	0.01	1.92	15.00	2RDR
(4)	0.9685400	1.0000000	21074.000	0.01	-3.15	15.00	2RDR
(5)	0.9733700	1.0000000	10656.000	0.01	-2.66	15.00	2RDR
Average %D: -2.450							
Tetrachloro-m-xylene	1.82e-002	2.e-002	702650.00	0.01	-9.00	15.00	2RDR
Decachlorobiphenyl	1.77e-002	2.e-002	497650.00	0.01	-11.50	15.00	2RDR

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 12/28/05 Time: 1357

Lab File ID: 6VL4067 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.8946200	1.0000000	62281.000	0.01	-10.54	15.00	2RDR
(2)	0.8615300	1.0000000	26564.000	0.01	-13.85	15.00	2RDR
(3)	0.8970300	1.0000000	108310.00	0.01	-10.30	15.00	2RDR
(4)	0.8749300	1.0000000	44484.000	0.01	-12.51	15.00	2RDR
(5)	0.8718200	1.0000000	35006.000	0.01	-12.82	15.00	2RDR
Average %D: -12.00							
Aroclor-1260	0.9253900	1.0000000	73202.000	0.01	-7.46	15.00	2RDR
(2)	0.9490700	1.0000000	60374.000	0.01	-5.09	15.00	2RDR
(3)	0.9836100	1.0000000	119580.00	0.01	-1.64	15.00	2RDR
(4)	0.9500600	1.0000000	67318.000	0.01	-4.99	15.00	2RDR
(5)	0.9201500	1.0000000	29544.000	0.01	-7.98	15.00	2RDR
Average %D: -5.430							
Tetrachloro-m-xylene	1.71e-002	2.e-002	2073200.0	0.01	-14.50	15.00	2RDR
Decachlorobiphenyl	1.7e-002	2.e-002	1177200.0	0.01	-15.00	15.00	2RDR

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 12/29/05 Time: 0454

Lab File ID: 6VL3097 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2169100	0.2500000	16272.000	0.01	-13.24	15.00	2RDR	
(2)	0.2347400	0.2500000	40324.000	0.01	-6.10	15.00	2RDR	
(3)	0.2203400	0.2500000	19828.000	0.01	-11.86	15.00	2RDR	
(4)	0.2163700	0.2500000	12276.000	0.01	-13.45	15.00	2RDR	
(5)	0.1960800	0.2500000	11256.000	0.01	-21.57	15.00	2RDR	<-
Average %D: -13.24								
Aroclor-1260	0.2038300	0.2500000	17284.000	0.01	-18.47	15.00	2RDR	<-
(2)	0.2035400	0.2500000	17160.000	0.01	-18.58	15.00	2RDR	<-
(3)	0.2335700	0.2500000	40244.000	0.01	-6.57	15.00	2RDR	
(4)	0.2277900	0.2500000	20316.000	0.01	-8.88	15.00	2RDR	
(5)	0.2624500	0.2500000	11880.000	0.01	4.98	15.00	2RDR	
Average %D: -9.520								
Tetrachloro-m-xylene	4.82e-003	5.e-003	712800.00	0.01	-3.60	15.00	2RDR	<-
Decachlorobiphenyl	3.54e-003	5.e-003	428000.00	0.01	-29.20	15.00	2RDR	<-

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 12/29/05 Time: 0454

Lab File ID: 6VL4097 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.1883200	0.2500000	61292.000	0.01	-24.67	15.00	2RDR	<-
(2)	0.1745000	0.2500000	24456.000	0.01	-30.20	15.00	2RDR	<-
(3)	0.2077200	0.2500000	114460.00	0.01	-16.91	15.00	2RDR	<-
(4)	0.1961800	0.2500000	45264.000	0.01	-21.53	15.00	2RDR	<-
(5)	0.2002400	0.2500000	35440.000	0.01	-19.90	15.00	2RDR	<-
Average %D: -22.64								
Aroclor-1260	0.1780300	0.2500000	63824.000	0.01	-28.79	15.00	2RDR	<-
(2)	0.1797100	0.2500000	51596.000	0.01	-28.12	15.00	2RDR	<-
(3)	0.2040900	0.2500000	110180.00	0.01	-18.36	15.00	2RDR	<-
(4)	0.1948500	0.2500000	61648.000	0.01	-22.06	15.00	2RDR	<-
(5)	0.1961000	0.2500000	27604.000	0.01	-21.56	15.00	2RDR	<-
Average %D: -23.76								
Tetrachloro-m-xylene	4.04e-003	5.e-003	2020400.0	0.01	-19.20	15.00	2RDR	<-
Decachlorobiphenyl	4.14e-003	5.e-003	1272400.0	0.01	-17.20	15.00	2RDR	<-

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/04/06 Time: 1136

Lab File ID: 6WA1002 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9561700	1.0000000	16846.000	0.01	-4.38	15.00	2RDR
(2)	0.8979000	1.0000000	36065.000	0.01	-10.21	15.00	2RDR
(3)	0.9194800	1.0000000	19462.000	0.01	-8.05	15.00	2RDR
(4)	0.9068500	1.0000000	12619.000	0.01	-9.32	15.00	2RDR
(5)	0.9903500	1.0000000	12818.000	0.01	-0.96	15.00	2RDR
Average %D: -6.580							
Aroclor-1260	0.9437800	1.0000000	19016.000	0.01	-5.62	15.00	2RDR
(2)	0.9337300	1.0000000	18933.000	0.01	-6.63	15.00	2RDR
(3)	0.9191500	1.0000000	37854.000	0.01	-8.08	15.00	2RDR
(4)	0.8839500	1.0000000	19277.000	0.01	-11.60	15.00	2RDR
(5)	0.8847200	1.0000000	9713.0000	0.01	-11.53	15.00	2RDR
Average %D: -8.690							
Tetrachloro-m-xylene	1.93e-002	2.e-002	747550.00	0.01	-3.50	15.00	2RDR
Decachlorobiphenyl	1.77e-002	2.e-002	496250.00	0.01	-11.50	15.00	2RDR

FORM VII PEST

FORM VII

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/04/06 Time: 1136

Lab File ID: 6WA2002 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9670700	1.0000000	66831.000	0.01	-3.29	15.00	2RDR	
(2)	0.9814400	1.0000000	29959.000	0.01	-1.86	15.00	2RDR	
(3)	0.9144000	1.0000000	110230.00	0.01	-8.56	15.00	2RDR	
(4)	0.9424200	1.0000000	47637.000	0.01	-5.76	15.00	2RDR	
(5)	0.9233400	1.0000000	36942.000	0.01	-7.67	15.00	2RDR	
Average %D: -5.430								
Aroclor-1260	0.9214200	1.0000000	72908.000	0.01	-7.86	15.00	2RDR	
(2)	0.9312800	1.0000000	59312.000	0.01	-6.87	15.00	2RDR	
(3)	0.9411400	1.0000000	114710.00	0.01	-5.89	15.00	2RDR	
(4)	0.8928800	1.0000000	63487.000	0.01	-10.71	15.00	2RDR	
(5)	0.8722000	1.0000000	28080.000	0.01	-12.78	15.00	2RDR	
Average %D: -8.820								
Tetrachloro-m-xylene	1.9e-002	2.e-002	2285300.0	0.01	-5.00	15.00	2RDR	
Decachlorobiphenyl	1.62e-002	2.e-002	1125900.0	0.01	-19.00	15.00	2RDR	<-

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 0013

Lab File ID: 6WA1027 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2479900	0.2500000	18500.000	0.01	-0.80	15.00	2RDR	
(2)	0.2129700	0.2500000	36808.000	0.01	-14.81	15.00	2RDR	
(3)	0.2337300	0.2500000	20976.000	0.01	-6.51	15.00	2RDR	
(4)	0.2338300	0.2500000	13264.000	0.01	-6.47	15.00	2RDR	
(5)	0.2704800	0.2500000	15164.000	0.01	8.19	15.00	2RDR	
Average %D: -4.080								
Aroclor-1260	0.2553400	0.2500000	21500.000	0.01	2.14	15.00	2RDR	
(2)	0.2414700	0.2500000	20272.000	0.01	-3.41	15.00	2RDR	
(3)	0.2216400	0.2500000	38280.000	0.01	-11.34	15.00	2RDR	
(4)	0.2163800	0.2500000	19312.000	0.01	-13.45	15.00	2RDR	
(5)	0.2274400	0.2500000	10336.000	0.01	-9.02	15.00	2RDR	
Average %D: -7.000								
Tetrachloro-m-xylene	5.27e-003	5.e-003	784800.00	0.01	5.40	15.00	2RDR	<-
Decachlorobiphenyl	5.18e-003	5.e-003	613600.00	0.01	3.60	15.00	2RDR	<-

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 0013

Lab File ID: 6WA2027 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2607300	0.2500000	81516.000	0.01	4.29	15.00	2RDR	
(2)	0.2628100	0.2500000	35388.000	0.01	5.12	15.00	2RDR	
(3)	0.2364400	0.2500000	128350.00	0.01	-5.42	15.00	2RDR	
(4)	0.2461700	0.2500000	55428.000	0.01	-1.53	15.00	2RDR	
(5)	0.2317400	0.2500000	40508.000	0.01	-7.30	15.00	2RDR	
Average %D: -0.960								
Aroclor-1260	0.2499100	0.2500000	86536.000	0.01	-0.04	15.00	2RDR	
(2)	0.2620900	0.2500000	72576.000	0.01	4.84	15.00	2RDR	
(3)	0.2602200	0.2500000	137470.00	0.01	4.09	15.00	2RDR	
(4)	0.2616400	0.2500000	80488.000	0.01	4.66	15.00	2RDR	
(5)	0.2649900	0.2500000	36428.000	0.01	6.00	15.00	2RDR	
Average %D: 3.9200								
Tetrachloro-m-xylene	5.36e-003	5.e-003	2671800.0	0.01	7.20	15.00	2RDR	<-
Decachlorobiphenyl	5.47e-003	5.e-003	1639800.0	0.01	9.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/10/06 Time: 1412

Lab File ID: 6WA1060 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9227400	1.0000000	16288.000	0.01	-7.73	15.00	2RDR
(2)	0.9469500	1.0000000	37929.000	0.01	-5.30	15.00	2RDR
(3)	0.9260500	1.0000000	19594.000	0.01	-7.40	15.00	2RDR
(4)	0.9173600	1.0000000	12761.000	0.01	-8.26	15.00	2RDR
(5)	0.9436600	1.0000000	12254.000	0.01	-5.63	15.00	2RDR
Average %D: -6.860							
Aroclor-1260	0.9491800	1.0000000	19120.000	0.01	-5.08	15.00	2RDR
(2)	0.9391400	1.0000000	19039.000	0.01	-6.09	15.00	2RDR
(3)	0.9590800	1.0000000	39448.000	0.01	-4.09	15.00	2RDR
(4)	0.9370500	1.0000000	20406.000	0.01	-6.30	15.00	2RDR
(5)	0.9556700	1.0000000	10468.000	0.01	-4.43	15.00	2RDR
Average %D: -5.200							
Tetrachloro-m-xylene	1.86e-002	2.e-002	718350.00	0.01	-7.00	15.00	2RDR
Decachlorobiphenyl	1.92e-002	2.e-002	535500.00	0.01	-4.00	15.00	2RDR

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/10/06 Time: 1412

Lab File ID: 6WA2060 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.8694700	1.0000000	60691.000	0.01	-13.05	15.00	2RDR	
(2)	0.8296700	1.0000000	25654.000	0.01	-17.03	15.00	2RDR	<-
(3)	0.8720200	1.0000000	105540.00	0.01	-12.80	15.00	2RDR	
(4)	0.8314600	1.0000000	42440.000	0.01	-16.85	15.00	2RDR	<-
(5)	0.8227600	1.0000000	33154.000	0.01	-17.72	15.00	2RDR	<-
Average %D: -15.49								
Aroclor-1260	0.8708700	1.0000000	69152.000	0.01	-12.91	15.00	2RDR	
(2)	0.8763600	1.0000000	56024.000	0.01	-12.36	15.00	2RDR	
(3)	0.9420300	1.0000000	114810.00	0.01	-5.80	15.00	2RDR	
(4)	0.9055600	1.0000000	64338.000	0.01	-9.44	15.00	2RDR	
(5)	0.9447400	1.0000000	30293.000	0.01	-5.53	15.00	2RDR	
Average %D: -9.210								
Tetrachloro-m-xylene	1.71e-002	2.e-002	2064000.0	0.01	-14.50	15.00	2RDR	
Decachlorobiphenyl	1.82e-002	2.e-002	1257000.0	0.01	-9.00	15.00	2RDR	

FORM VII PEST

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 0148

Lab File ID: 6WA1084 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2459800	0.2500000	18356.000	0.01	-1.61	15.00	2RDR	
(2)	0.2257000	0.2500000	38864.000	0.01	-9.72	15.00	2RDR	
(3)	0.2399800	0.2500000	21512.000	0.01	-4.01	15.00	2RDR	
(4)	0.2444500	0.2500000	13864.000	0.01	-2.22	15.00	2RDR	
(5)	0.2670400	0.2500000	14984.000	0.01	6.82	15.00	2RDR	
Average %D: -2.160								
Aroclor-1260	0.2436900	0.2500000	20548.000	0.01	-2.52	15.00	2RDR	
(2)	0.2260500	0.2500000	19008.000	0.01	-9.58	15.00	2RDR	
(3)	0.2005800	0.2500000	34812.000	0.01	-19.77	15.00	2RDR	<-
(4)	0.1940400	0.2500000	17344.000	0.01	-22.38	15.00	2RDR	<-
(5)	0.2172100	0.2500000	9884.0000	0.01	-13.12	15.00	2RDR	
Average %D: -13.48								
Tetrachloro-m-xylene	5.18e-003	5.e-003	771000.00	0.01	3.60	15.00	2RDR	<-
Decachlorobiphenyl	5.2e-003	5.e-003	616000.00	0.01	4.00	15.00	2RDR	<-

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 0148

Lab File ID: 6WA2084 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2716600	0.2500000	84548.000	0.01	8.66	15.00	2RDR	
(2)	0.2789900	0.2500000	37376.000	0.01	11.60	15.00	2RDR	
(3)	0.2473500	0.2500000	133610.00	0.01	-1.06	15.00	2RDR	
(4)	0.2552100	0.2500000	57260.000	0.01	2.08	15.00	2RDR	
(5)	0.2466900	0.2500000	42908.000	0.01	-1.32	15.00	2RDR	
Average %D: 4.0000								
Aroclor-1260	0.2345300	0.2500000	81688.000	0.01	-6.19	15.00	2RDR	
(2)	0.2407200	0.2500000	67148.000	0.01	-3.71	15.00	2RDR	
(3)	0.2413400	0.2500000	128300.00	0.01	-3.46	15.00	2RDR	
(4)	0.2446200	0.2500000	75696.000	0.01	-2.15	15.00	2RDR	
(5)	0.2461000	0.2500000	34012.000	0.01	-1.56	15.00	2RDR	
Average %D: -3.400								
Tetrachloro-m-xylene	5.51e-003	5.e-003	2744600.0	0.01	10.20	15.00	2RDR	<-
Decachlorobiphenyl	5.37e-003	5.e-003	1612000.0	0.01	7.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 1113

Lab File ID: 6WA1104 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9616300	1.0000000	16937.000	0.01	-3.84	15.00	2RDR	
(2)	0.8695000	1.0000000	34982.000	0.01	-13.05	15.00	2RDR	
(3)	0.9174400	1.0000000	19421.000	0.01	-8.26	15.00	2RDR	
(4)	0.9272800	1.0000000	12895.000	0.01	-7.27	15.00	2RDR	
(5)	1.0210000	1.0000000	13187.000	0.01	2.10	15.00	2RDR	
Average %D: -6.060								
Aroclor-1260	0.9478900	1.0000000	19095.000	0.01	-5.21	15.00	2RDR	
(2)	0.8987000	1.0000000	18246.000	0.01	-10.13	15.00	2RDR	
(3)	0.8216400	1.0000000	33950.000	0.01	-17.84	15.00	2RDR	<-
(4)	0.7763200	1.0000000	16980.000	0.01	-22.37	15.00	2RDR	<-
(5)	0.8478000	1.0000000	9319.0000	0.01	-15.22	15.00	2RDR	<-
Average %D: -14.15								
Tetrachloro-m-xylene	1.98e-002	2.e-002	768050.00	0.01	-1.00	15.00	2RDR	
Decachlorobiphenyl	2.07e-002	2.e-002	574850.00	0.01	3.50	15.00	2RDR	

FORM VII PEST

FORM VII

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 1113

Lab File ID: 6WA2104 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0769000	1.0000000	73645.000	0.01	7.69	15.00	2RDR
(2)	1.1050000	1.0000000	33410.000	0.01	10.50	15.00	2RDR
(3)	0.9685400	1.0000000	116180.00	0.01	-3.15	15.00	2RDR
(4)	1.0136000	1.0000000	50935.000	0.01	1.36	15.00	2RDR
(5)	0.9950000	1.0000000	39619.000	0.01	-0.50	15.00	2RDR
Average %D: 3.1800							
Aroclor-1260	0.9518000	1.0000000	75157.000	0.01	-4.82	15.00	2RDR
(2)	0.9861100	1.0000000	62580.000	0.01	-1.39	15.00	2RDR
(3)	0.9833500	1.0000000	119550.00	0.01	-1.66	15.00	2RDR
(4)	0.9925700	1.0000000	70156.000	0.01	-0.74	15.00	2RDR
(5)	0.9969500	1.0000000	31879.000	0.01	-0.30	15.00	2RDR
Average %D: -1.780							
Tetrachloro-m-xylene	2.16e-002	2.e-002	2586200.0	0.01	8.00	15.00	2RDR
Decachlorobiphenyl	2.12e-002	2.e-002	1453000.0	0.01	6.00	15.00	2RDR

FORM VII PEST

FORM VII

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 1218

Lab File ID: 6WA3050 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0456000	1.0000000	20069.000	0.01	4.56	15.00	2RDR
(2)	1.0506000	1.0000000	49171.000	0.01	5.06	15.00	2RDR
(3)	1.0463000	1.0000000	25142.000	0.01	4.63	15.00	2RDR
(4)	1.0422000	1.0000000	16784.000	0.01	4.22	15.00	2RDR
(5)	1.0553000	1.0000000	15413.000	0.01	5.53	15.00	2RDR
Average %D: 4.8000							
Aroclor-1260	1.0416000	1.0000000	24926.000	0.01	4.16	15.00	2RDR
(2)	1.0291000	1.0000000	24879.000	0.01	2.91	15.00	2RDR
(3)	1.0214000	1.0000000	52970.000	0.01	2.14	15.00	2RDR
(4)	1.0295000	1.0000000	28906.000	0.01	2.95	15.00	2RDR
(5)	1.0263000	1.0000000	15121.000	0.01	2.63	15.00	2RDR
Average %D: 2.9600							
Tetrachloro-m-xylene	1.94e-002	2.e-002	832100.00	0.01	-3.00	15.00	2RDR
Decachlorobiphenyl	2.09e-002	2.e-002	724400.00	0.01	4.50	15.00	2RDR

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 1218

Lab File ID: 6WA4050 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0775000	1.0000000	75922.000	0.01	7.75	15.00	2RDR
(2)	1.0737000	1.0000000	35015.000	0.01	7.37	15.00	2RDR
(3)	1.0612000	1.0000000	133350.00	0.01	6.12	15.00	2RDR
(4)	1.0502000	1.0000000	55542.000	0.01	5.02	15.00	2RDR
(5)	1.0507000	1.0000000	44222.000	0.01	5.07	15.00	2RDR
Average %D: 6.2700							
Aroclor-1260	1.0343000	1.0000000	87376.000	0.01	3.43	15.00	2RDR
(2)	1.0269000	1.0000000	70677.000	0.01	2.69	15.00	2RDR
(3)	0.9932200	1.0000000	143350.00	0.01	-0.68	15.00	2RDR
(4)	1.0298000	1.0000000	82197.000	0.01	2.98	15.00	2RDR
(5)	1.0122000	1.0000000	38460.000	0.01	1.22	15.00	2RDR
Average %D: 1.9300							
Tetrachloro-m-xylene	2.04e-002	2.e-002	2610200.0	0.01	2.00	15.00	2RDR
Decachlorobiphenyl	2.1e-002	2.e-002	1631000.0	0.01	5.00	15.00	2RDR

FORM VII PEST

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 2251

Lab File ID: 6WA3072 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2693900	0.2500000	22904.000	0.01	7.76	15.00	2RDR	
(2)	0.2707700	0.2500000	56988.000	0.01	8.31	15.00	2RDR	
(3)	0.2710000	0.2500000	29128.000	0.01	8.40	15.00	2RDR	
(4)	0.2784700	0.2500000	19756.000	0.01	11.39	15.00	2RDR	
(5)	0.2834700	0.2500000	18952.000	0.01	13.39	15.00	2RDR	
Average %D: 9.8400								
Aroclor-1260	0.2730800	0.2500000	29164.000	0.01	9.23	15.00	2RDR	
(2)	0.2657300	0.2500000	28036.000	0.01	6.29	15.00	2RDR	
(3)	0.2637300	0.2500000	59608.000	0.01	5.49	15.00	2RDR	
(4)	0.2599600	0.2500000	31500.000	0.01	3.98	15.00	2RDR	
(5)	0.2636800	0.2500000	16800.000	0.01	5.47	15.00	2RDR	
Average %D: 6.0800								
Tetrachloro-m-xylene	4.2e-003	5.e-003	758200.00	0.01	-16.00	15.00	2RDR	<-
Decachlorobiphenyl	5.59e-003	5.e-003	856800.00	0.01	11.80	15.00	2RDR	<-

FORM 7B

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 2251

Lab File ID: 6WA4072 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2730800	0.2500000	88796.000	0.01	9.23	15.00	2RDR	
(2)	0.2692300	0.2500000	39592.000	0.01	7.69	15.00	2RDR	
(3)	0.2622100	0.2500000	148760.00	0.01	4.88	15.00	2RDR	
(4)	0.2652000	0.2500000	63288.000	0.01	6.08	15.00	2RDR	
(5)	0.2488800	0.2500000	46236.000	0.01	-0.45	15.00	2RDR	
Average %D: 5.4800								
Aroclor-1260	0.2651700	0.2500000	98388.000	0.01	6.07	15.00	2RDR	
(2)	0.2679600	0.2500000	81568.000	0.01	7.18	15.00	2RDR	
(3)	0.2608300	0.2500000	163100.00	0.01	4.33	15.00	2RDR	
(4)	0.2735500	0.2500000	95068.000	0.01	9.42	15.00	2RDR	
(5)	0.2647600	0.2500000	43016.000	0.01	5.90	15.00	2RDR	
Average %D: 6.6000								
Tetrachloro-m-xylene	4.88e-003	5.e-003	2713800.0	0.01	-2.40	15.00	2RDR	<-
Decachlorobiphenyl	5.57e-003	5.e-003	1922200.0	0.01	11.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 1103

Lab File ID: 6WA3091 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0303000	1.0000000	19796.000	0.01	3.03	15.00	2RDR
(2)	1.0369000	1.0000000	48580.000	0.01	3.69	15.00	2RDR
(3)	1.0364000	1.0000000	24922.000	0.01	3.64	15.00	2RDR
(4)	1.0406000	1.0000000	16759.000	0.01	4.06	15.00	2RDR
(5)	1.0465000	1.0000000	15296.000	0.01	4.65	15.00	2RDR
Average %D: 3.8100							
Aroclor-1260	1.0310000	1.0000000	24689.000	0.01	3.10	15.00	2RDR
(2)	1.0196000	1.0000000	24663.000	0.01	1.96	15.00	2RDR
(3)	1.0200000	1.0000000	52900.000	0.01	2.00	15.00	2RDR
(4)	1.0159000	1.0000000	28544.000	0.01	1.59	15.00	2RDR
(5)	1.0174000	1.0000000	14997.000	0.01	1.74	15.00	2RDR
Average %D: 2.0800							
Tetrachloro-m-xylene	1.74e-002	2.e-002	750300.00	0.01	-13.00	15.00	2RDR
Decachlorobiphenyl	2.09e-002	2.e-002	723850.00	0.01	4.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 1103

Lab File ID: 6WA4091 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1329000	1.0000000	79432.000	0.01	13.29	15.00	2RDR	
(2)	1.1199000	1.0000000	36387.000	0.01	11.99	15.00	2RDR	
(3)	1.1326000	1.0000000	141500.00	0.01	13.26	15.00	2RDR	
(4)	1.1548000	1.0000000	60577.000	0.01	15.48	15.00	2RDR	<-
(5)	1.1384000	1.0000000	47639.000	0.01	13.84	15.00	2RDR	
Average %D: 13.570								
Aroclor-1260	1.1176000	1.0000000	93893.000	0.01	11.76	15.00	2RDR	
(2)	1.1272000	1.0000000	77052.000	0.01	12.72	15.00	2RDR	
(3)	1.0917000	1.0000000	156410.00	0.01	9.17	15.00	2RDR	
(4)	1.1025000	1.0000000	87610.000	0.01	10.25	15.00	2RDR	
(5)	1.0810000	1.0000000	40921.000	0.01	8.10	15.00	2RDR	
Average %D: 10.400								
Tetrachloro-m-xylene	2.03e-002	2.e-002	2600600.0	0.01	1.50	15.00	2RDR	
Decachlorobiphenyl	2.16e-002	2.e-002	1669700.0	0.01	8.00	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 2014

Lab File ID: 6WA3110 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2698100	0.2500000	22936.000	0.01	7.92	15.00	2RDR	
(2)	0.2661400	0.2500000	56124.000	0.01	6.46	15.00	2RDR	
(3)	0.2698800	0.2500000	29020.000	0.01	7.95	15.00	2RDR	
(4)	0.2667000	0.2500000	19004.000	0.01	6.68	15.00	2RDR	
(5)	0.2836100	0.2500000	18960.000	0.01	13.44	15.00	2RDR	
Average %D: 8.4800								
Aroclor-1260	0.2729100	0.2500000	29148.000	0.01	9.16	15.00	2RDR	
(2)	0.2646200	0.2500000	27928.000	0.01	5.85	15.00	2RDR	
(3)	0.2556700	0.2500000	57944.000	0.01	2.27	15.00	2RDR	
(4)	0.2516000	0.2500000	30560.000	0.01	0.64	15.00	2RDR	
(5)	0.2602900	0.2500000	16600.000	0.01	4.12	15.00	2RDR	
Average %D: 4.4000								
Tetrachloro-m-xylene	5.07e-003	5.e-003	910600.00	0.01	1.40	15.00	2RDR	<-
Decachlorobiphenyl	5.62e-003	5.e-003	861000.00	0.01	12.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 2014

Lab File ID: 6WA4110 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2819300	0.2500000	91284.000	0.01	12.77	15.00	2RDR	
(2)	0.2902500	0.2500000	42348.000	0.01	16.10	15.00	2RDR	<-
(3)	0.2629400	0.2500000	149130.00	0.01	5.18	15.00	2RDR	
(4)	0.2776500	0.2500000	65928.000	0.01	11.06	15.00	2RDR	
(5)	0.2645800	0.2500000	48900.000	0.01	5.83	15.00	2RDR	
Average %D: 10.200								
Aroclor-1260	0.2652300	0.2500000	98408.000	0.01	6.09	15.00	2RDR	
(2)	0.2665700	0.2500000	81184.000	0.01	6.63	15.00	2RDR	
(3)	0.2604900	0.2500000	162900.00	0.01	4.20	15.00	2RDR	
(4)	0.2738900	0.2500000	95176.000	0.01	9.56	15.00	2RDR	
(5)	0.2625400	0.2500000	42676.000	0.01	5.02	15.00	2RDR	
Average %D: 6.2800								
Tetrachloro-m-xylene	5.36e-003	5.e-003	2964600.0	0.01	7.20	15.00	2RDR	<-
Decachlorobiphenyl	5.54e-003	5.e-003	1912800.0	0.01	10.80	15.00	2RDR	<-

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.44 DCB: 19.73

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	6.46	19.74
02		AR1660 0.05P	11/23/05	1646	6.45	19.73
03		AR1660 0.1PP	11/23/05	1714	6.45	19.73
04		AR1660 0.25P	11/23/05	1743	6.45	19.73
05		AR1660 2.5PP	11/23/05	1811	6.44	19.73
06		AR1660 10PPM	11/23/05	1839	6.44	19.72
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.35 DCB: 19.63

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	12/28/05	1357	6.36	19.63
02	WG24074-BLAN	WG24074-1	12/28/05	1803	6.35	19.63
03	WG24074-LCS	WG24074-2	12/28/05	1831	6.35	19.62
04		AR1660 0.25P	12/29/05	0454	6.35	19.63
05		AR1660 1.0PP	01/04/06	1136	6.32	19.59
06	WG23986-BLAN	WG23986-1	01/04/06	1545	6.32	19.59
07	WG23986-LCS	WG23986-2	01/04/06	1613	6.32	19.59
08		AR1660 0.25P	01/05/06	0013	6.32	19.59
09		AR1660 1.0PP	01/10/06	1412	6.31	19.58
10	3221GW0201	WV6688-1	01/10/06	2202	6.31	19.59
11	44RB1214	WV6688-2	01/10/06	2230	6.31	19.59
12	3221GW0301	WV6688-3	01/10/06	2258	6.31	19.59
13	3221GW0101	WV6688-4	01/10/06	2326	6.31	19.59
14	46GW1101	WV6701-1	01/10/06	2355	6.31	19.58
15	46GW0301MS	WG24074-3	01/11/06	0051	6.31	19.58
16	46GW0301MSD	WG24074-4	01/11/06	0120	6.31	19.58
17		AR1660 0.25P	01/11/06	0148	6.31	19.59
18	46GW0901	WV6701-3	01/11/06	0341	6.31	19.59
19	46RB1217	WV6701-5	01/11/06	0438	6.31	19.59
20	46GW1301	WV6701-7	01/11/06	0506	6.31	19.58

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.35 DCB: 19.63

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	46GW1401	WV6701-8	01/11/06	0534	6.31	19.59
02	46GW1401D	WV6701-9	01/11/06	0602	6.31	19.59
03	46GW1501	WV6701-10	01/11/06	0630	6.31	19.59
04	46GW1601	WV6701-11	01/11/06	0659	6.31	19.59
05	46GW0101	WV6766-1	01/11/06	0727	6.31	19.59
06	46GW0201	WV6766-2	01/11/06	0755	6.31	19.59
07	46GW0801	WV6766-3	01/11/06	0824	6.31	19.59
08	46GW0701	WV6766-4	01/11/06	0852	6.31	19.58
09	46GW0301	WV6766-5	01/11/06	0920	6.31	19.59
10		AR1660 1.0PP	01/11/06	1113	6.31	19.59
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.15 DCB: 19.39

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	46GW1401D	WV6701-9RE	01/20/06	1644	6.14		19.37	
02	46GW1501	WV6701-10RE	01/20/06	1712	6.14		19.37	
03	46GW1601	WV6701-11RE	01/20/06	1740	6.14		19.37	
04	46GW0101	WV6766-1RE	01/20/06	1808	6.14		19.37	
05	46GW0201	WV6766-2RE	01/20/06	1837	6.14		19.37	
06	46GW0801	WV6766-3RE	01/20/06	1905	6.14		19.37	
07	46GW0301	WV6766-5RE	01/20/06	1933	6.14		19.37	
08		AR1660 0.25P	01/20/06	2251	6.14		19.38	
09		AR1660 1.0PP	01/21/06	1103	6.16		19.39	
10	WG24714-BLAN	WG24714-1RA	01/21/06	1240	6.14		19.38	
11	WG24714-LCS	WG24714-2RA	01/21/06	1309	6.14		19.38	
12	WG24074-BLAN	WG24074-1RA	01/21/06	1337	6.14		19.37	
13	WG24074-LCS	WG24074-2RA	01/21/06	1405	6.14		19.37	
14	46GW1201	WV6701-2RERA	01/21/06	1559	6.14		19.37	
15	46GW1001	WV6701-4RERA	01/21/06	1627	6.15		19.38	
16	46GW1201	WV6701-2RA	01/21/06	1849	6.14		19.37	
17	46GW1001	WV6701-4RA	01/21/06	1917	6.14		19.37	
18		AR1660 0.25P	01/21/06	2014	6.14		19.38	
19								
20								

TCX = Tetrachloro-m-xylene QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
(+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.13 DCB: 18.54

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	5.12	18.54
02		AR1660 0.05P	11/23/05	1646	5.13	18.54
03		AR1660 0.1PP	11/23/05	1714	5.13	18.54
04		AR1660 0.25P	11/23/05	1743	5.13	18.54
05		AR1660 2.5PP	11/23/05	1811	5.13	18.54
06		AR1660 10PPM	11/23/05	1839	5.13	18.54
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.04 DCB: 18.43

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	12/28/05	1357	5.04	18.43
02	WG24074-BLAN	WG24074-1	12/28/05	1803	5.04	18.43
03	WG24074-LCS	WG24074-2	12/28/05	1831	5.04	18.43
04		AR1660 0.25P	12/29/05	0454	5.04	18.43
05		AR1660 1.0PP	01/04/06	1136	5.02	18.40
06	WG23986-BLAN	WG23986-1	01/04/06	1545	5.02	18.40
07	WG23986-LCS	WG23986-2	01/04/06	1613	5.01	18.39
08		AR1660 0.25P	01/05/06	0013	5.01	18.40
09		AR1660 1.0PP	01/10/06	1412	5.00	18.38
10	3221GW0201	WV6688-1	01/10/06	2202	5.00	18.39
11	44RB1214	WV6688-2	01/10/06	2230	5.00	18.39
12	3221GW0301	WV6688-3	01/10/06	2258	5.00	18.39
13	3221GW0101	WV6688-4	01/10/06	2326	5.00	18.39
14	46GW1101	WV6701-1	01/10/06	2355	5.00	18.38
15	46GW0301MS	WG24074-3	01/11/06	0051	5.00	18.38
16	46GW0301MSD	WG24074-4	01/11/06	0120	5.00	18.38
17		AR1660 0.25P	01/11/06	0148	5.00	18.39
18	46GW0901	WV6701-3	01/11/06	0341	5.00	18.38
19	46RB1217	WV6701-5	01/11/06	0438	5.00	18.39
20	46GW1301	WV6701-7	01/11/06	0506	5.00	18.38

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.04 DCB: 18.43

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	46GW1401	WV6701-8	01/11/06	0534	5.00	18.39
02	46GW1401D	WV6701-9	01/11/06	0602	5.01	18.39
03	46GW1501	WV6701-10	01/11/06	0630	5.00	18.38
04	46GW1601	WV6701-11	01/11/06	0659	5.00	18.38
05	46GW0101	WV6766-1	01/11/06	0727	5.00	18.38
06	46GW0201	WV6766-2	01/11/06	0755	5.01	18.39
07	46GW0801	WV6766-3	01/11/06	0824	5.00	18.38
08	46GW0701	WV6766-4	01/11/06	0852	5.00	18.38
09	46GW0301	WV6766-5	01/11/06	0920	5.00	18.38
10		AR1660 1.0PP	01/11/06	1113	5.00	18.38
11						
12						
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15						
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17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	4.96	18.35
02		AR1660 0.05P	01/19/06	1342	4.96	18.35
03		AR1660 0.1PP	01/19/06	1410	4.96	18.35
04		AR1660 0.25P	01/19/06	1439	4.97	18.35
05		AR1660 2.5PP	01/19/06	1507	4.96	18.35
06		AR1660 10PPM	01/19/06	1535	4.96	18.34
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14		AR1660 1.0PP	01/20/06	1218	4.96	18.34
15	WG24714-BLAN	WG24714-1	01/20/06	1258	4.96	18.34
16	WG24714-LCS	WG24714-2	01/20/06	1326	4.96	18.35
17	3221GW0201	WV6688-1RE	01/20/06	1354	4.96	18.34
18	3221GW0301	WV6688-3RE	01/20/06	1422	4.96	18.34
19	3221GW0101	WV6688-4RE	01/20/06	1451	4.96	18.34
20	46GW1401	WV6701-8RE	01/20/06	1615	4.97	18.34

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	46GW1401D	WV6701-9RE	01/20/06	1644	4.97	18.34
02	46GW1501	WV6701-10RE	01/20/06	1712	4.96	18.34
03	46GW1601	WV6701-11RE	01/20/06	1740	4.96	18.34
04	46GW0101	WV6766-1RE	01/20/06	1808	4.96	18.34
05	46GW0201	WV6766-2RE	01/20/06	1837	4.97	18.34
06	46GW0801	WV6766-3RE	01/20/06	1905	4.96	18.34
07	46GW0301	WV6766-5RE	01/20/06	1933	4.96	18.34
08		AR1660 0.25P	01/20/06	2251	4.96	18.34
09		AR1660 1.0PP	01/21/06	1103	4.96	18.35
10	WG24714-BLAN	WG24714-1RA	01/21/06	1240	4.96	18.34
11	WG24714-LCS	WG24714-2RA	01/21/06	1309	4.96	18.34
12	WG24074-BLAN	WG24074-1RA	01/21/06	1337	4.96	18.34
13	WG24074-LCS	WG24074-2RA	01/21/06	1405	4.96	18.34
14	46GW1201	WV6701-2RERA	01/21/06	1559	4.96	18.34
15	46GW1001	WV6701-4RERA	01/21/06	1627	4.96	18.34
16	46GW1201	WV6701-2RA	01/21/06	1849	4.96	18.34
17	46GW1001	WV6701-4RA	01/21/06	1917	4.96	18.34
18		AR1660 0.25P	01/21/06	2014	4.96	18.34
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT	NAS Pensacola	JOB NUMBER	00007
SUBJECT	Sample Calculation		
BASED ON	SW-846	DRAWING NUMBER	
BY	KAC	CHECKED BY	APPROVED BY	DATE 2/16/06

44RB1214 Chloromethane 1 ug/L

$\frac{12793}{533405} \times \frac{50}{0.831} = 1.4$

46GW1401 BEHP 64 ug/L

$\frac{1425552}{1356914} \times \frac{40}{0.622} \times \frac{0.001}{1.05} \times 1000 = 64.34$

46GW0701 alpha-chlordane 0.17 ug/L

$y = ax^2 + bx + C$

a = 1.19355717716349 4E-13
b = 2.23684161917568 88E-7
C = -0.00108682520035 00833
x = 82354

$y = 1.1935E\text{-}13(82354)^2 + 2.23684E\text{-}7(82354) + (-0.0010868)$

$= 0.0177 \times \frac{0.01}{1.06} \times 100 = 0.167 \sim .17$

Acenaphthene 46GW1301 0.3 ug/L

$\frac{9739}{27888} \times \frac{0.8}{0.993} \times \frac{0.001}{1.05} \times 1000 = 0.268$

TPH 46GW1301 370 ug/L

See regression $191.4 \times \frac{0.002}{1.05} \times 1000 = 365$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 17:29
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6688-2
Client ID: 44RB1214
SDG: CTO367-4
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24177
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane		1	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	I	0.5	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		J123%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		101%				

Data File: \\Target_server\GG\chem\gcms-s.i\S122305.b\S8116.D
Report Date: 11-Jan-2006 13:45

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-s.i\S122305.b\S8116.D
Lab Smp Id: WV6688-2 Client Smp ID: 44RB1214
Inj Date : 23-DEC-2005 17:29 MS Autotune Date: 20-OCT-2005 21:4
Operator : ALH Inst ID: gcms-s.i
Smp Info : WV6688-2
Misc Info : SW846 8260B
Comment :
Method : \\Target_server\GG\chem\gcms-s.i\S122305.b\s826a65.m
Meth Date : 06-Jan-2006 11:00 gcms-s.i Quant Type: ISTD
Cal Date : 15-DEC-2005 20:38 Cal File: S7993.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TETRAT367001.sub
Target Version: 4.12
Processing Host: TARGET03

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	sample purged
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/l)	FINAL (ug/l)
	2 Chloromethane	50	2.444	2.444	(0.259)	12793	1.44317	1.4 (M)
	57 Toluene	92	11.735	11.724	(1.159)	6641	0.47632	0.48 (a)
$	37 Dibromofluoromethane	113	8.603	8.592	(0.912)	279257	51.7224	51.7
$	45 1,2-Dichloroethane-D4	65	9.438	9.427	(1.000)	344156	61.5257	61.5 (R)
$	55 Toluene-D8	98	11.677	11.666	(1.154)	1012728	52.6808	52.7
$	76 P-Bromofluorobenzene	95	15.191	15.181	(1.501)	364504	50.3098	50.3
*	42 Pentafluorobenzene	168	9.438	9.427	(1.000)	533405	50.0000	
*	49 1,4-Difluorobenzene	114	10.122	10.112	(1.000)	934468	50.0000	
*	66 Chlorobenzene-D5	117	13.591	13.580	(1.000)	780608	50.0000	
*	91 1,4-Dichlorobenzene-D4	152	16.746	16.735	(1.000)	349344	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: SB117 BFB Injection Date: 12/23/05

Instrument ID: GCMS-S BFB Injection Time: 1002

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	46.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	70.2
175	5.0 - 9.0% of mass 174	6.0 (8.5)1
176	95.0 - 101.0% of mass 174	68.7 (98.0)1
177	5.0 - 9.0% of mass 176	5.2 (7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S23A	S8104	12/23/05	1026
02	WG24177-LCS	WG24177-3	S8106	12/23/05	1159
03	WG24177-BLANK	WG24177-2	S8108	12/23/05	1305
04	3221GW0201	WV6688-1	S8115	12/23/05	1656
05	44RB1214	WV6688-2	S8116	12/23/05	1729
06	3221GW0301	WV6688-3	S8117	12/23/05	1802
07	3221GW0101	WV6688-4	S8118	12/23/05	1834
08					
09					
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15					
16					
17					
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19					
20					
21					
22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-S Calibration Date: 12/23/05 Time: 1026

Lab File ID: S8104 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.6624400	0.6624400	0.1	-20.28		AVRG	
Vinyl chloride	0.6390000	0.5627900	0.5627900	0.01	-11.93	20.00	AVRG	
Bromomethane	0.3210000	0.3351200	0.3351200	0.01	4.40		AVRG	
Chloroethane	0.3610000	0.3802000	0.3802000	0.01	5.32		AVRG	
1,1-Dichloroethene	0.4740000	0.4593900	0.4593900	0.01	-3.08	20.00	AVRG	
Acetone	3.5e-002	3.58e-002	3.58e-002	0.01	2.28		AVRG	
Carbon Disulfide	1.7000000	1.6606000	1.6606000	0.01	-2.32		AVRG	
Methylene Chloride	49.426000	50.000000	0.5704400	0.01	-1.15		LINR	
1,1-Dichloroethane	0.9900000	0.9978500	0.9978500	0.1	0.79		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.0930000	1.0930000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5510000	0.5609700	0.5609700	0.01	1.81		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5320700	0.5320700	0.01	-1.10		AVRG	
2-Butanone	4.2e-002	4.89e-002	4.89e-002	0.01	16.43		AVRG	
Chloroform	0.9010000	0.8994200	0.8994200	0.01	-0.18	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.7105400	0.7105400	0.01	3.43		AVRG	
Carbon Tetrachloride	0.3060000	0.3086700	0.3086700	0.01	0.87		AVRG	
Benzene	1.2690000	1.2668000	1.2668000	0.01	-0.17		AVRG	
1,2-Dichloroethane	0.3740000	0.3843100	0.3843100	0.01	2.76		AVRG	
Trichloroethene	0.3100000	0.3006900	0.3006900	0.01	-3.00		AVRG	
1,2-Dichloropropane	0.3270000	0.3248400	0.3248400	0.01	-0.66	20.00	AVRG	
Bromodichloromethane	0.3970000	0.4080000	0.4080000	0.01	2.77		AVRG	
cis-1,3-dichloropropene	0.4930000	0.5172000	0.5172000	0.01	4.91		AVRG	
4-methyl-2-pentanone	301.52000	250.00000	0.2771000	0.01	20.61		LINR	
Toluene	0.7460000	0.7505700	0.7505700	0.01	0.61	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.4157900	0.4157900	0.01	8.28		AVRG	
1,1,2-Trichloroethane	0.2040000	0.2102900	0.2102900	0.01	3.08		AVRG	
Tetrachloroethene	0.2520000	0.2550200	0.2550200	0.01	1.20		AVRG	
2-Hexanone	303.71000	250.00000	0.2222400	0.01	21.48		LINR	
Dibromochloromethane	0.2910000	0.3173900	0.3173900	0.01	9.07		AVRG	

FORM VII PEST

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: KD719 DFTPP Injection Date: 01/16/06

Instrument ID: GCMS-K DFTPP Injection Time: 0857

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	27.1
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	1.4 (7.8)2
442	40.0 - 100.0% of mass 198	78.8
443	17.0 - 23.0% of mass 442	17.6 (22.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0116	K1329	01/16/06	0920
02	46GW0301MS	WG24117-3	K1330	01/16/06	1011
03	46GW0301MSD	WG24117-4	K1331	01/16/06	1059
04	46GW1201	WV6701-2	K1332	01/16/06	1149
05	46GW0901	WV6701-3	K1333	01/16/06	1238
06	46GW1001	WV6701-4	K1334	01/16/06	1328
07	46RB1217	WV6701-5	K1335	01/16/06	1418
08	46GW1301	WV6701-7	K1336	01/16/06	1507
09	46GW1401	WV6701-8	K1337	01/16/06	1556
10	46GW1601	WV6701-11	K1340	01/16/06	1824
11	46GW0101	WV6766-1	K1343	01/16/06	2050
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/16/06 Time: 0920

Lab File ID: K1329 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	51.698000	50.000000	1.5852000	0.01	3.40	20.00	2RDR
Bis(2-Chloroethyl)ether	54.323000	50.000000	1.1491000	0.01	8.65	100.00	LINR
2-Chlorophenol	57.231000	50.000000	1.0451000	0.01	14.46	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2197000	1.2197000	0.01	0.80	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1788000	1.1788000	0.01	1.71	20.00	AVRG
1,2-Dichlorobenzene	49.192000	50.000000	1.0593000	0.01	-1.62	100.00	2RDR
2-Methylphenol	57.731000	50.000000	1.0174000	0.01	15.46	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0912000	2.0912000	0.01	-0.04	100.00	AVRG
N-Nitroso-di-n-propylamine	55.400000	50.000000	0.8080200	0.05	10.80	100.00	LINR
4-Methylphenol	59.556000	50.000000	1.0525000	0.01	19.11	100.00	LINR
Hexachloroethane	0.4600000	0.4870800	0.4870800	0.01	5.89	100.00	AVRG
Nitrobenzene	0.3160000	0.3180300	0.3180300	0.01	0.64	100.00	AVRG
Isophorone	0.5980000	0.5638400	0.5638400	0.01	-5.71	100.00	AVRG
2-Nitrophenol	0.1860000	0.1831500	0.1831500	0.01	-1.53	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3113700	0.3113700	0.01	3.10	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3845600	0.3845600	0.01	-2.89	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2401200	0.2401200	0.01	3.06	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2761000	0.2761000	0.01	1.51	100.00	AVRG
4-Chloroaniline	0.3320000	0.3332200	0.3332200	0.01	0.37	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1563500	0.1563500	0.01	1.53	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2582300	0.2582300	0.01	-3.28	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2609500	0.2609500	0.05	76.32	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3332700	0.3332700	0.01	0.38	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3575100	0.3575100	0.01	3.03	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3560600	0.3560600	0.01	-1.09	100.00	AVRG
2-Nitroaniline	0.3310000	0.2854700	0.2854700	0.01	-13.76	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0749000	1.0749000	0.01	1.89	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2767800	0.2767800	0.01	-0.80	100.00	AVRG
3-Nitroaniline	0.2870000	0.2662600	0.2662600	0.01	-7.23	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-K Calibration Date: 01/16/06 Time: 0920

Lab File ID: K1329 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	51.887000	50.000000	0.1463000	0.05	3.77	100.00	2RDR	
Dibenzofuran	1.2540000	1.1998000	1.1998000	0.01	-4.32	100.00	AVRG	
4-Nitrophenol	42.732000	50.000000	9.42e-002	0.05	-14.54	100.00	LINR	
2,4-Dinitrotoluene	0.3480000	0.3463900	0.3463900	0.01	-0.46	100.00	AVRG	
Diethylphthalate	1.0570000	1.0552000	1.0552000	0.01	-0.17	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5140000	0.5090000	0.5090000	0.01	-0.97	100.00	AVRG	
4-Nitroaniline	0.2760000	0.2489200	0.2489200	0.01	-9.81	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	51.151000	50.000000	0.1370700	0.01	2.30	100.00	LINR	
N-Nitrosodiphenylamine	0.5360000	0.5534700	0.5534700	0.01	3.26	20.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2081600	0.2081600	0.01	4.60	100.00	AVRG	
Hexachlorobenzene	0.2460000	0.2599500	0.2599500	0.01	5.67	100.00	AVRG	
Pentachlorophenol	0.1400000	0.1499400	0.1499400	0.01	7.10	20.00	AVRG	
Carbazole	0.8210000	0.8197000	0.8197000	0.01	-0.16	100.00	AVRG	
Di-n-butylphthalate	1.1030000	1.1709000	1.1709000	0.01	6.16	100.00	AVRG	
Butylbenzylphthalate	0.5010000	0.5086200	0.5086200	0.01	1.52	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2640000	0.2162200	0.2162200	0.01	-18.10	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6220000	0.6568600	0.6568600	0.01	5.60	100.00	AVRG	
Di-n-octylphthalate	1.3810000	1.7510000	1.7510000	0.01	26.79	20.00	AVRG	<-
2-Fluorophenol	1.0840000	1.1021000	1.1021000	0.01	1.67	100.00	AVRG	
Phenol-D6	1.3610000	1.4096000	1.4096000	0.01	3.57	100.00	AVRG	
Nitrobenzene-D5	0.3110000	0.3119100	0.3119100	0.01	0.29	100.00	AVRG	
2-Fluorobiphenyl	1.0360000	1.0009000	1.0009000	0.01	-3.39	100.00	AVRG	
2,4,6-Tribromophenol	0.2140000	0.1961400	0.1961400	0.01	-8.34	100.00	AVRG	
Terphenyl-D14	0.7300000	0.7797700	0.7797700	0.01	6.82	100.00	AVRG	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:56
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 16-JAN-2006 15:56
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-8
Client ID: 46GW1401
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24117
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate		64	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		88%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		72%				
1718-51-0	Terphenyl-D14		72%				

Data File: \\Target_server\GG\chem\gcms-k.i\K011606.b\K1337.D
Report Date: 20-Jan-2006 09:24

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-k.i\K011606.b\K1337.D
Lab Smp Id: WV6701-8 Client Smp ID: 46GW1401
Inj Date : 16-JAN-2006 15:56 MS Autotune Date: 01-MAR-2004 10:18
Operator : JCG Inst ID: gcms-k.i
Smp Info : WV6701-8
Misc Info : SW846 8270C
Comment :
Method : \\Target_server\GG\chem\gcms-k.i\K011606.b\k8270C57.m
Meth Date : 19-Jan-2006 13:59 gcms-k.i Quant Type: ISTD
Cal Date : 10-JAN-2006 17:16 Cal File: K1232.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: tetrat367001.sub
Target Version: 4.12

Concentration Formula: Amt * DF * 1000*(Vt/Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.050	Volume of sample extracted (L)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 7 2-Fluorophenol	112	7.357	7.360	(0.742)	533420	50.2216	47.8
$ 13 Phenol-D6	99	9.198	9.221	(0.927)	487373	36.5677	34.8
* 18 1,4-Dichlorobenzene-D4	152	9.919	9.912	(1.000)	391787	40.0000	
$ 33 Nitrobenzene-D5	82	11.126	11.139	(0.873)	489373	43.7702	41.7
* 44 Naphthalene-D8	136	12.743	12.736	(1.000)	1438430	40.0000	
$ 62 2-Fluorobiphenyl	172	15.353	15.356	(0.908)	883524	43.0892	41.0
* 77 Acenaphthene-D10	164	16.912	16.915	(1.000)	791247	40.0000	
$ 100 2,4,6-Tribromophenol	330	18.821	18.824	(1.113)	305831	72.1074	68.7
* 114 Phenanthrene-D10	188	20.496	20.499	(1.000)	1270221	40.0000	
$ 129 Terphenyl-D14	244	24.469	24.472	(0.908)	896855	36.2058	34.5
* 140 Chrysene-D12	240	26.943	26.956	(1.000)	1356914	40.0000	
143 bis(2-Ethylhexyl)phthalate	149	27.284	27.268	(1.013)	1425552	67.6054	64.4
* 150 Perylene-D12	264	30.196	30.189	(1.000)	1009606	40.0000	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/18/05
Received Date: 12/20/05
Extraction Date: 12/21/05
Analysis Date: 12-JAN-2006 15:40
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6766-4
Client ID: 46GW0701
SDG: CTO367-4
Extracted by: GN
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24075
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane		0.14	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane		0.17	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		86%				
2051-24-3	Decachlorobiphenyl		73%				

Data File: \\Target_server\GG\chem\gc08.i\GC08WA12A1.b\8WA1209.d
Report Date: 20-Jan-2006 07:50

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc08.i\GC08WA12A1.b\8WA1209.d
Lab Smp Id: WV6766-4 Client Smp ID: 46GW0701
Inj Date : 12-JAN-2006 15:40
Operator : LRS Inst ID: gc08.i
Smp Info : PSTA212A.M,GC08WA12A1.B,1,WV6766-4
Misc Info : SW846 8081A
Comment :
Method : \\TARGET_SERVER\GG\chem\gc08.i\GC08WA12A1.B\PSTA212A.m
Meth Date : 13-Jan-2006 09:25 jprescott Quant Type: ESTD
Cal Date : 05-JAN-2006 01:10 Cal File: 8WA1027.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SW8081.sub
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * 1000*(Vt/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.01000	FinalVolume (L)
Vo	1.060	SampleVolume (L)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
$ 1 Tetrachloro-m-Xylene	2.560	2.560	0.000	333007	0.08407	0.793
2 alpha-BHC	3.146	3.173	-0.027	2249	0.00297	~~0.0280(a)~~
9 gamma-Chlordane	5.866	5.866	0.000	63737	0.01374	0.130
10 alpha-Chlordane	6.093	6.093	0.000	82354	0.01837	0.173
$ 22 Decachlorobiphenyl	13.640	13.640	0.000	138489	0.07082	0.668

NCRT BY 1/20/06

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.64 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT	#	TCX RT	#
01		EVAL	01/11/06	1423				
02		INDAB 0.05PP	01/11/06	1740	13.67		2.56	
03		INDAB 0.005P	01/11/06	1807	13.64		2.56	
04		INDAB 0.01PP	01/11/06	1835	13.64		2.56	
05		INDAB 0.025P	01/11/06	1902	13.64		2.56	
06		INDAB 0.1PPM	01/11/06	1930	13.64		2.56	
07		INDAB 0.25PP	01/11/06	1957	13.64		2.56	
08		INDAB 0.05 I	01/11/06	2025				
09		TOXAPHENE 1P	01/11/06	2052				
10	WG24075-BLAN	WG24075-1	01/11/06	2338	13.64		2.56	
11	WG24075-LCS	WG24075-2	01/12/06	0005	13.64		2.56	
12	3221GW0201	WV6688-1	01/12/06	0156	13.64		2.56	
13	44RB1214	WV6688-2	01/12/06	0223	13.64		2.56	
14	3221GW0301	WV6688-3	01/12/06	0251	13.64		2.56	
15	3221GW0101	WV6688-4	01/12/06	0319	13.64		2.56	
16	46GW1101	WV6701-1	01/12/06	0346	13.64		2.56	
17	46GW1201	WV6701-2	01/12/06	0414	13.64		2.56	
18	46GW0901	WV6701-3	01/12/06	0441	13.64		2.56	
19	46GW1001	WV6701-4	01/12/06	0509	13.64		2.56	
20	46RB1217	WV6701-5	01/12/06	0537	13.64		2.56	

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/11/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.64 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	46GW1301	WV6701-7	01/12/06	0604	13.64	2.56
02	46GW0301MS	WG24075-3	01/12/06	0632	13.64	2.56
03	46GW0301MSD	WG24075-4	01/12/06	0659	13.64	2.56
04		EVAL	01/12/06	0754		
05		INDAB 0.05 P	01/12/06	0822	13.64	2.56
06	46GW1401	WV6701-8	01/12/06	1224	13.64	2.56
07	46GW1401D	WV6701-9	01/12/06	1252	13.64	2.56
08	46GW1501	WV6701-10	01/12/06	1319	13.64	2.56
09	46GW1601	WV6701-11	01/12/06	1347	13.64	2.56
10	46GW0101	WV6766-1	01/12/06	1418	13.65	2.56
11	46GW0201	WV6766-2	01/12/06	1445	13.65	2.56
12	46GW0801	WV6766-3	01/12/06	1513	13.64	2.56
13	46GW0701	WV6766-4	01/12/06	1540	13.64	2.56
14	46GW0301	WV6766-5	01/12/06	1608	13.64	2.56
15		INDAB 0.025P	01/12/06	2138	13.64	2.56
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/11/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 1957

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1165 RF0.1: 8WA1028 RF0.25: 8WA1029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	26568	52198	118180	238700	413900	853510	2ORDR	-5.21e-005	1.884e-007	1.227e-013	0.99988	0.99000
alpha-BHC	34812	69096	156620	340010	553360	970570	2ORDR	2.79e-003	8.075e-008	1.785e-013	0.99913	0.99000
gamma BHC	31984	63665	143280	307100	495790	969980	2ORDR	7.256e-004	1.332e-007	1.278e-013	0.99950	0.99000
beta-BHC	15919	30833	67949	146160	235550	511810	2ORDR	-7.17e-004	3.423e-007	2.9e-013	0.99900	0.99000
delta-BHC	23361	48006	113280	253840	413630	908730	2ORDR	2.106e-005	1.969e-007	8.647e-014	0.99900	0.99000
Heptachlor	32767	64344	142380	288340	474770	954980	2ORDR	-1.53e-004	1.516e-007	1.158e-013	0.99967	0.99000
Aldrin	28026	54914	125630	269340	448100	939780	2ORDR	3.662e-005	1.734e-007	9.879e-014	0.99950	0.99000
Heptachlor Epoxide	26358	49790	110360	237620	392250	823020	2ORDR	-1.86e-004	1.981e-007	1.291e-013	0.99943	0.99000
gamma-Chlordane	24971	49022	109830	216780	382270	815100	2ORDR	-5.68e-004	2.174e-007	1.107e-013	0.99989	0.99000
alpha-Chlordane	24560	48317	108300	214770	371000	790200	2ORDR	-6.67e-004	2.211e-007	1.22e-013	0.99979	0.99000
4,4'-DDE	22875	45959	107360	225880	382930	818400	2ORDR	-7.85e-005	2.111e-007	1.159e-013	0.99961	0.99000
4,4'-DDT	13618	31275	57993	159960	292820	644130	2ORDR	1.761e-003	2.933e-007	1.428e-013	0.99910	0.99000
Dieldrin	22433	45162	104670	212260	379760	798960	2ORDR	1.328e-004	2.15e-007	1.224e-013	0.99994	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	20131	42041	99254	190570	352030	741320	2ORDR	5.44e-005	2.361e-007	1.364e-013	1.00000	0.99000
4,4'-DDD	13846	29799	72514	157350	275080	609880	2ORDR	3.294e-004	3.109e-007	1.62e-013	0.99966	0.99000
Endosulfan II	17672	36972	84528	173930	306950	655750	2ORDR	-8.7e-006	2.696e-007	1.705e-013	0.99986	0.99000
Endrin Aldehyde	12938	27763	65469	129640	236970	524060	2ORDR	-2.16e-004	3.706e-007	2.043e-013	0.99994	0.99000
Methoxychlor	7174	15685	36295	82960	132070	287050	2ORDR	1.747e-004	5.971e-007	9.567e-013	0.99871	0.99000
Endosulfan sulfate	10189	20984	50139	116700	194380	435830	2ORDR	3.552e-004	4.334e-007	3.213e-013	0.99909	0.99000
Endrin Ketone	9741	22631	55303	124170	205780	454050	2ORDR	4.174e-004	3.992e-007	3.33e-013	0.99916	0.99000
Tetrachloro-m-Xylene	27094	50637	109580	226720	376970	780280	2ORDR	-4.74e-004	2.036e-007	1.508e-013	0.99960	0.99000
Decachlorobiphenyl	13181	25711	55631	108240	180760	379770	2ORDR	-1.12e-003	4.375e-007	5.915e-013	0.99960	0.99000

FORM VI SV

FORM V

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/11/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 1957

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Endosulfan I	15606	29462	77197	153480	303410	686280	2ORDR	5.891e-004	3.038e-007	8.672e-014	0.99996	0.99000
alpha-BHC	18170	37755	104120	250700	437120	944790	2ORDR	1.755e-003	1.86e-007	8.135e-014	0.99943	0.99000
gamma BHC	18416	37096	99033	214000	397330	890290	2ORDR	9.428e-004	2.226e-007	6.418e-014	0.99988	0.99000
beta-BHC	10182	19236	47424	105350	184520	413330	2ORDR	3.158e-004	4.7e-007	3.254e-013	0.99961	0.99000
delta-BHC	12993	25787	76324	191340	346670	809020	2ORDR	1.917e-003	2.581e-007	6.009e-014	0.99940	0.99000
Heptachlor	22367	41505	105590	231190	411940	905850	2ORDR	5.838e-004	2.076e-007	7.494e-014	0.99976	0.99000
Aldrin	17559	34415	91288	198850	374600	842750	2ORDR	1.035e-003	2.386e-007	6.734e-014	0.99988	0.99000
Heptachlor Epoxide	17064	32950	79324	171390	328240	735200	2ORDR	7.54e-004	2.75e-007	8.693e-014	0.99990	0.99000
gamma-Chlordane	15921	30046	79972	164200	316560	713740	2ORDR	7.062e-004	2.869e-007	8.732e-014	0.99996	0.99000
alpha-Chlordane	15742	30041	78098	164880	306040	691440	2ORDR	5.11e-004	2.931e-007	9.808e-014	0.99991	0.99000
4,4'-DDE	15381	28198	76320	161050	308610	703100	2ORDR	8.187e-004	2.96e-007	8.306e-014	0.99994	0.99000
4,4'-DDT	8668	17325	46022	102430	208130	497400	2ORDR	1.507e-003	4.625e-007	7.41e-014	0.99983	0.99000
Dieldrin	12879	25876	68153	151730	294750	683970	2ORDR	1.256e-003	3.15e-007	7.096e-014	0.99987	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	12303	23672	62328	133560	270480	623300	2ORDR	1.329e-003	3.469e-007	8.309e-014	0.99984	0.99000
4,4'-DDD	8008	16310	43615	100390	197120	479440	2ORDR	1.398e-003	4.883e-007	6.292e-014	0.99983	0.99000
Endosulfan II	11303	22157	56745	118110	233960	543580	2ORDR	7.523e-004	4.028e-007	1.022e-013	0.99995	0.99000
Endrin Aldehyde	9360	19037	43499	89156	176090	411190	2ORDR	1.423e-004	5.416e-007	1.603e-013	0.99996	0.99000
Methoxychlor	5065	9997	23640	52520	97587	224480	2ORDR	4.768e-004	9.377e-007	7.752e-013	0.99984	0.99000
Endosulfan sulfate	7259	13788	34889	74855	155400	373140	2ORDR	1.163e-003	6.292e-007	9.963e-014	0.99983	0.99000
Endrin Ketone	6672	13685	34600	75405	152490	371920	2ORDR	1.039e-003	6.422e-007	7.239e-014	0.99991	0.99000
Tetrachloro-m-Xylene	17222	33180	75665	162760	275560	602020	2ORDR	-2.95e-004	3.027e-007	1.885e-013	0.99950	0.99000
Decachlorobiphenyl	12233	24942	55749	109310	193470	418280	2ORDR	-6.9e-004	4.381e-007	3.865e-013	0.99987	0.99000

FORM VI SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/22/05
Analysis Date: 10-JAN-2006 14:53
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24116
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		1.0	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene		0.3	1.0	0.2	0.2	0.08
86-73-7	Fluorene		0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		111%				

Data File: \\Target_server\GG\chem\gcms-u.i\U011006.b\U3398.D
Report Date: 11-Jan-2006 12:39

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-u.i\U011006.b\U3398.D
Lab Smp Id: WV6701-7 Client Smp ID: 46GW1301
Inj Date : 10-JAN-2006 14:53 MS Autotune Date: 12-SEP-2005 11:35
Operator : JCG Inst ID: gcms-u.i
Smp Info : WV6701-7
Misc Info : SW846 M8270C
Comment :
Method : \\Target_server\GG\chem\gcms-u.i\U011006.b\usim033.m
Meth Date : 10-Jan-2006 14:17 cgomez Quant Type: ISTD
Cal Date : 06-JAN-2006 14:31 Cal File: U3318.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SW8270SIM.sub
Target Version: 4.12
Processing Host: TARGET06

Concentration Formula: Amt * DF * Vt/Vo * 1000 * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.050	Volume of sample extracted (L)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-D4	152	9.065	9.157	(1.000)	13392	0.80000	
*	4 Naphthalene-D8	136	11.944	11.973	(1.000)	60339	0.80000	
	5 Naphthalene	128	11.983	12.021	(1.003)	63294	1.02411	0.975
$	6 2-Methylnaphthalene-d10	150	13.555	13.602	(1.135)	40446	1.45020	1.38
	7 2-Methylnaphthalene	142	13.636	13.671	(1.142)	42147	1.13336	1.08
*	11 Acenaphthene-D10	164	16.083	16.098	(1.000)	27888	0.80000	
	12 Acenaphthene	153	16.160	16.160	(1.005)	9739	0.28143	0.268
$	13 Fluorene-d10	176	17.321	17.356	(1.077)	66742	1.79288	1.71
	14 Fluorene	166	17.407	17.425	(1.082)	7409	0.20841	0.198
*	18 Phenanthrene-D10	188	19.639	19.666	(1.000)	40227	0.80000	
$	24 Pyrene-d10	212	23.011	23.050	(0.884)	84922	2.22690	2.12
*	27 Chrysene-D12	240	26.038	26.050	(1.000)	22887	0.80000	
*	33 Perylene-D12	264	29.225	29.248	(1.000)	10516	0.80000	

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Lab File ID: UD163 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.3
68	Less than 2.0% of mass 69	0.6 (1.2)1
69	Less than 100.0% of mass 198	45.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.1 (76.0)2
442	40.0 - 100.0% of mass 198	66.0
443	17.0 - 23.0% of mass 442	13.3 (20.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3313	01/06/06	1043
02		SSTD5.00U0106	U3314	01/06/06	1129
03		SSTD3.00U0106	U3315	01/06/06	1213
04		SSTD2.00U0106	U3316	01/06/06	1259
05		SSTD0.50U0106	U3317	01/06/06	1345
06		SSTD0.20U0106	U3318	01/06/06	1431
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-4

Instrument ID: GCMS-U Calibration Date(s): 01/06/06 01/06/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1043 1431

LAB FILE ID: RF0.2: U3318 RF0.5: U3317 RF1: U3313
RF2: U3316 RF3: U3315 RF5: U3314

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.748	0.845	0.888	0.781	0.864	0.790	AVRG		0.81942131		6.646	15.000
2-Methylnaphthalene	2148	8671	25707	39597	76754	111370	LINR	0.13644346	1.83285234		0.99645	0.99000
Acenaphthylene	1.504	1.469	1.559	1.450	1.678	1.629	AVRG		1.54823908		5.864	15.000
Acenaphthene	1.024	0.966	0.997	0.919	1.039	1.010	AVRG		0.99268457		4.401	15.000
Fluorene	1.015	0.958	1.021	0.936	1.112	1.076	AVRG		1.01980715		6.580	15.000
Phenanthrene	0.739	0.830	0.912	0.818	0.998	0.928	AVRG		0.87063587		10.629	15.000
Anthracene	1.019	0.935	0.971	0.939	1.038	1.000	AVRG		0.98376771		4.304	15.000
Fluoranthene	0.767	0.761	0.818	0.724	0.872	0.790	AVRG		0.78867736		6.537	15.000
Pyrene	1.728	1.542	1.412	1.429	1.532	1.513	AVRG		1.52572543		7.391	15.000
Benzo(a)anthracene	1045	4683	17109	17483	43877	60112	2ORDR	5.729e-002	1.50495209	-6.37e-002	0.99143	0.99000
Chrysene	4637	12700	25021	37662	73897	86215	LINR	-9.06e-002	0.82329122		0.99792	0.99000
Benzo(b)fluoranthene	1183	4542	13641	15533	39018	55734	2ORDR	4.196e-002	1.14779931	-4.13e-002	0.99618	0.99000
Benzo(k)fluoranthene	2.089	1.914	1.708	1.889	1.986	1.773	AVRG		1.89320240		7.333	15.000
Benzo(a)pyrene	1.020	1.104	1.158	1.096	1.251	1.231	AVRG		1.14342070		7.673	15.000
Indeno(1,2,3-cd)pyrene	0.934	0.900	0.906	0.985	1.186	1.124	AVRG		1.00583087		12.016	15.000
Dibenzo(a,h)anthracene	0.769	0.664	0.647	0.686	0.843	0.812	AVRG		0.73658082		11.173	15.000
Benzo(g,h,i)perylene	1.304	1.166	0.994	1.111	1.226	1.113	AVRG		1.15255152		9.272	15.000
2-Methylnaphthalene-d10	0.328	0.395	0.409	0.343	0.389	0.354	AVRG		0.36977689		8.816	15.000
Fluorene-d10	0.955	1.129	1.056	0.990	1.156	1.120	AVRG		1.06787588		7.613	15.000
Pyrene-d10	1.481	1.338	1.253	1.255	1.344	1.326	AVRG		1.33297332		6.237	15.000

Average %RSD test result.

Calculate Average %RSD: 9.576690674
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/17/05
Received Date: 12/19/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 23:28
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6701-7
Client ID: 46GW1301
SDG: CTO367-4
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	370	1.0	500	500	220
	n-Triacontane-D62		102%				
	O-Terphenyl		102%				

Data File: \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\CWA2130.d
Report Date: 16-Jan-2006 13:15

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\CWA2130.d
Lab Smp Id: WV6701-7 Client Smp ID: 46GW1301
Inj Date : 11-JAN-2006 23:28
Operator : LRS Inst ID: gc12.i
Smp Info : FLPB007B.M,GC12WA09B1.B,1,WV6701-7
Misc Info : SW846 M8015
Comment :
Method : \\TARGET_SERVER\GG\chem\gc12.i\GC12WA09B1.B\FLPB007B.m
Meth Date : 16-Jan-2006 13:12 swilkinson Quant Type: ESTD
Cal Date : 19-NOV-2005 19:16 Cal File: CVK4006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8015M-FLPRO.sub
Subtraction File: \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\CWA2119.d
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * (Vt/Vo)*1000 * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00200	Final Volume (L)
Vo	1.050	Sample Volume (L)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 9 O-Terphenyl	17.866	17.867	-0.001	210710	51.0180	97(M)
$ 15 n-Triacontane-D62	23.880	23.888	-0.008	1001237	305.676	580(M)
S 7 Petroleum Range Organics	6.879-46.735			739464	192.975	370(aM)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

X-VALUE	Y-VALUE
355089	85
1383552	340
3152576	850
6305843	1700
1.28E+07	3400
739464	191.4173

CORREL	SLOPE
0.999888	0.000267
Y-INTERC	
-5.65248	

eport Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

art Cal Date : 19-NOV-2005 14:36
id Cal Date : 19-NOV-2005 19:16
iant Method : ESTD
igin : Included
arget Version : 4.12
itegrator : HP Genie
ethod file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
al Date : 21-Nov-2005 09:02 lschwieterman

alibration File Names:
evel 1: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4002.d
evel 2: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4003.d
evel 3: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4004.d
evel 4: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4005.d
evel 5: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4006.d

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
1 FL-PRO peaks C8-C40	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
2 C-8	18338	75785	189028	368798	746245	LINR	-0.07835	3724		0.99994
3 C-10	18483	76154	191956	374192	765799	LINR	0.26042	3820		0.99986
4 C-12	20271	78236	192489	373169	764994	LINR	-0.04164	3809		0.99981
5 C-14	20774	83134	194351	373732	760385	LINR	-0.67194	3779		0.99979
6 C-16	23921	80541	194239	377869	765601	LINR	-0.65500	3806		0.99989
7 Petroleum Range Organics	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
8 C-18	21407	76511	193274	378388	766387	LINR	-0.13231	3821		0.99994
10 C-20	20912	76150	190000	375019	760771	LINR	-0.01177	3794		0.99994
11 C-22	19931	75005	188220	376505	765465	LINR	0.34955	3822		0.99992
12 C-24	12579	57680	184943	369971	752531	LINR	1.99698	3795		0.99956
13 C-26	19263	76923	185580	373118	759744	LINR	0.29951	3791		0.99989
14 C-28	19307	76981	185193	371739	758111	LINR	0.29166	3781		0.99987
16 C-30	22552	78539	188507	375747	761122	LINR	-0.22605	3790		0.99991
17 C-32	19177	80538	181969	370086	751351	LINR	0.04491	3744		0.99980

eport Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

tart Cal Date : 19-NOV-2005 14:36
nd Cal Date : 19-NOV-2005 19:16
uant Method : ESTD
rigin : Included
arget Version : 4.12
ntegrator : HP Genie
ethod file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
al Date : 21-Nov-2005 09:02 lschwieterman

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Sample Data Summary A0000610

eport Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

tart Cal Date : 19-NOV-2005 14:36
nd Cal Date : 19-NOV-2005 19:16
uant Method : ESTD
rigin : Included
arget Version : 4.12
ntegrator : HP Genie
ethod file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
al Date : 21-Nov-2005 09:02 lschwieterman

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Sample Data Summary A0000611

NAS PENSACOLA
WATER DATA
CTO367-4

FRACTION	CHEMICAL	46GW1401	UNITS	46GW1401D	RPD	D
OV	BROMODICHLOROMETHANE	ND	UG/L	0.3 J	NC	NC
OV	CARBON DISULFIDE	0.4 J	UG/L	ND	NC	NC
OV	CHLORODIBROMOMETHANE	ND	UG/L	0.6 I	NC	NC
OV	CHLOROMETHANE	ND	UG/L	0.5 J	NC	NC

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

NAS PENSACOLA
WATER DATA
CTO367-4

FRACTION	CHEMICAL	46GW1401	UNITS	46GW1401D	RPD	D
OS	BIS(2-ETHYLHEXYL)PHTHALATE	64	UG/L	ND	NC	NC

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **MR. G. WALKER** **DATE:** **JUNE 2, 2006**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SELECT VOAs**
CTO 367, NAS PENSACOLA
SDG 0605103

SAMPLES: 10/Solid

46SB3201	46SB3301	46SB3401	46SB3502
46SB3602	46SB3702	46SB3801	46SB3901
46SB402	46SB4102		

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG 0605103 consists of ten (10) soild environmental samples. The samples were analyzed for select volatile organic compounds (VOC).

The samples were collected by TetraTech NUS on May 8, 2006 and analyzed by Empirical Laboratories. All analyses were conducted in accordance with SW-846 Method 8260B analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

*	•	Data completeness
*	•	Holding times
*	•	GC/MS Tuning
	•	Initial and continuing calibration
	•	Blank results
	•	Surrogate spike recoveries
*	•	Internal standard recoveries
*	•	Blank Spike/Blank Spike Duplicate Results
*	•	Matrix Spike/Matrix Spike Duplicate Results
*	•	Detection Limits
*	•	Compound Quantitation
*	•	Compound Identification

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A.

Volatiles

The following compounds were detected in the method blank at the maximum concentrations listed below:

Compound	Maximum Concentration	Blank Action Level
Methylene chloride[(1)]	7.7 ug/kg	77 ug/kg
Trichloroethene[(1)]	1.4 ug/kg	7 ug/kg

Methylene chloride[(2)]	380 ug/kg	3,800 ug/kg
Trichloroethene[(2)]	71 ug/kg	355 ug/kg

1 – Maximum concentration from low level method blanks.
2 – Maximum concentration from medium level blank.

An action level of 10X the maximum contaminant concentration was established to evaluate laboratory contamination for methylene chloride and 5X for trichloroethene. Dilution factors, percent solids, and sample aliquots were taken into consideration during the application of all action levels. The affected positive results were qualified (U) as a result of blank contamination for methyene chloride and trichloroethene.

A continuing calibration analyzed on instrument VOA1 on 05/09/06 @ 10:27 had a percent difference (%D) greater than the 25% quality control limit for bromomethane. The non-detected results for bromomethane in the affected samples were qualified as estimated, (UJ).

The surrogate dibromofluoromethane had percent recoveries less than the quality control limits for the following samples: 46SB3801, 46SB3901, and 46SB402. The non-detected results for the aforementioned samples have been qualified as estimated (J) and (UJ), respectively.

Additional Comments:

Samples 46SB3301 and 46SB3401 were analyzed as medium levels because of concentrations greater than the linear range of the instrument for several compounds.

The laboratory did not prepare and analyze a medium level method blank with the samples analyzed as medium level. This was done because the medium level sample vials sent from the field were not prepared by Empirical Laboratories so the methanol used was not of a known quality to the laboratory. However, the laboratory did take the low level soil method blank and recalculated the concentrations to be equivalent to a medium level soil blank preparation. This reconverted blank was then used to establish method blank contamination in the medium level soils.

EXECUTIVE SUMMARY

Laboratory Performance Issues: One compound exceeded calibration %D criterion, resulting in qualification of data. Two compounds were detected in the method blank resulting in qualification of the data.

Other Factors Affecting Data Quality: Surrogate non-compliances resulted in qualification of the data.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM for Environmental Laboratories.

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3201
samp_date	5/8/2006
lab_id	0605103-02
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.4	U	U	
1,1,2,2-TETRACHLOROETHANE	5.4	U	U	
1,1,2-TRICHLOROETHANE	5.4	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.4	U	U	
1,1-DICHLOROETHANE	5.4	U	U	
1,1-DICHLOROETHENE	5.4	U	U	
1,2,4-TRICHLOROBENZENE	5.4	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	11	U	U	
1,2-DIBROMOETHANE	5.4	U	U	
1,2-DICHLOROBENZENE	5.4	U	U	
1,2-DICHLOROETHANE	5.4	U	U	
1,2-DICHLOROPROPANE	5.4	U	U	
1,3-DICHLOROBENZENE	5.4	U	U	
1,4-DICHLOROBENZENE	5.4	U	U	
BROMODICHLOROMETHANE	5.4	U	U	
BROMOFORM	5.4	U	U	
BROMOMETHANE	11	U	UJ	C
CARBON TETRACHLORIDE	5.4	U	U	
CHLOROBENZENE	5.4	U	U	
CHLORODIBROMOMETHANE	5.4	U	U	
CHLOROETHANE	11	U	U	
CHLOROFORM	5.4	U	U	
CHLOROMETHANE	11	U	U	
CIS-1,2-DICHLOROETHENE	5.4	U	U	
CIS-1,3-DICHLOROPROPENE	5.4	U	U	
DICHLORODIFLUOROMETHANE	11	U	U	
METHYLENE CHLORIDE	3.4	IV	U	A
TETRACHLOROETHENE	5.4	U	U	
TRANS-1,2-DICHLOROETHENE	5.4	U	U	
TRANS-1,3-DICHLOROPROPENE	5.4	U	U	
TRICHLOROETHENE	3.4	IV	U	A
TRICHLOROFLUOROMETHANE	11	U	U	

nsample	46SB3201
samp_date	5/8/2006
lab_id	0605103-02
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	11	U	U	

nsample	46SB3301
samp_date	5/8/2006
lab_id	0605103-01
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2500	U	U	
1,1,2,2-TETRACHLOROETHANE	2500	U	U	
1,1,2-TRICHLOROETHANE	2500	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	2500	U	U	
1,1-DICHLOROETHANE	2500	U	U	
1,1-DICHLOROETHENE	2500	U	U	
1,2,4-TRICHLOROBENZENE	2500	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	5100	U	U	
1,2-DIBROMOETHANE	2500	U	U	
1,2-DICHLOROBENZENE	2500	U	U	
1,2-DICHLOROETHANE	2500	U	U	
1,2-DICHLOROPROPANE	2500	U	U	
1,3-DICHLOROBENZENE	2500	U	U	
1,4-DICHLOROBENZENE	2500	U	U	
BROMODICHLOROMETHANE	2500	U	U	
BROMOFORM	2500	U	U	
BROMOMETHANE	5100	U	UJ	C
CARBON TETRACHLORIDE	2500	U	U	
CHLOROBENZENE	2500	U	U	
CHLORODIBROMOMETHANE	2500	U	U	
CHLOROETHANE	5100	U	U	
CHLOROFORM	2500	U	U	
CHLOROMETHANE	280	I	J	P
CIS-1,2-DICHLOROETHENE	2500	U	U	
CIS-1,3-DICHLOROPROPENE	2500	U	U	
DICHLORODIFLUOROMETHANE	5100	U	U	
METHYLENE CHLORIDE	6600	V	U	A
TETRACHLOROETHENE	2500	U	U	
TRANS-1,2-DICHLOROETHENE	2500	U	U	
TRANS-1,3-DICHLOROPROPENE	2500	U	U	
TRICHLOROETHENE	32000	V		
TRICHLOROFLUOROMETHANE	5100	U	U	

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3301
samp_date	5/8/2006
lab_id	0605103-01
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	5100	U	U	

nsample	46SB3401
samp_date	5/8/2006
lab_id	0605103-10
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	340	U	U	
1,1,2,2-TETRACHLOROETHANE	340	U	U	
1,1,2-TRICHLOROETHANE	340	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	340	U	U	
1,1-DICHLOROETHANE	340	U	U	
1,1-DICHLOROETHENE	340	U	U	
1,2,4-TRICHLOROBENZENE	340	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	690	U	U	
1,2-DIBROMOETHANE	340	U	U	
1,2-DICHLOROBENZENE	170	I	J	P
1,2-DICHLOROETHANE	340	U	U	
1,2-DICHLOROPROPANE	340	U	U	
1,3-DICHLOROBENZENE	340	U	U	
1,4-DICHLOROBENZENE	110	I	J	P
BROMODICHLOROMETHANE	340	U	U	
BROMOFORM	340	U	U	
BROMOMETHANE	690	U	UJ	C
CARBON TETRACHLORIDE	340	U	U	
CHLOROBENZENE	340	U	U	
CHLORODIBROMOMETHANE	340	U	U	
CHLOROETHANE	690	U	U	
CHLOROFORM	340	U	U	
CHLOROMETHANE	47	I	J	P
CIS-1,2-DICHLOROETHENE	340	U	U	
CIS-1,3-DICHLOROPROPENE	340	U	U	
DICHLORODIFLUOROMETHANE	690	U	U	
METHYLENE CHLORIDE	660	IV	U	A
TETRACHLOROETHENE	100	I	J	P
TRANS-1,2-DICHLOROETHENE	340	U	U	
TRANS-1,3-DICHLOROPROPENE	340	U	U	
TRICHLOROETHENE	1600			
TRICHLOROFLUOROMETHANE	690	U	U	

nsample	46SB3401
samp_date	5/8/2006
lab_id	0605103-10
qc_type	NM
units	UG/KG
Pct_Solids	80.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	690	U	U	

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3502
samp_date	5/8/2006
lab_id	0605103-03
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.9	U	U	
1,1,2,2-TETRACHLOROETHANE	5.9	U	U	
1,1,2-TRICHLOROETHANE	5.9	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.9	U	U	
1,1-DICHLOROETHANE	5.9	U	U	
1,1-DICHLOROETHENE	5.9	U	U	
1,2,4-TRICHLOROBENZENE	5.9	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	12	U	U	
1,2-DIBROMOETHANE	5.9	U	U	
1,2-DICHLOROBENZENE	5.9	U	U	
1,2-DICHLOROETHANE	5.9	U	U	
1,2-DICHLOROPROPANE	5.9	U	U	
1,3-DICHLOROBENZENE	5.9	U	U	
1,4-DICHLOROBENZENE	5.9	U	U	
BROMODICHLOROMETHANE	5.9	U	U	
BROMOFORM	5.9	U	U	
BROMOMETHANE	12	U	UJ	C
CARBON TETRACHLORIDE	5.9	U	U	
CHLOROBENZENE	5.9	U	U	
CHLORODIBROMOMETHANE	5.9	U	U	
CHLOROETHANE	12	U	U	
CHLOROFORM	5.9	U	U	
CHLOROMETHANE	12	U	U	
CIS-1,2-DICHLOROETHENE	5.9	U	U	
CIS-1,3-DICHLOROPROPENE	5.9	U	U	
DICHLORODIFLUOROMETHANE	12	U	U	
METHYLENE CHLORIDE	5.3	IV	U	A
TETRACHLOROETHENE	5.9	U	U	
TRANS-1,2-DICHLOROETHENE	5.9	U	U	
TRANS-1,3-DICHLOROPROPENE	5.9	U	U	
TRICHLOROETHENE	3	IV	U	A
TRICHLOROFLUOROMETHANE	12	U	U	

nsample	46SB3502
samp_date	5/8/2006
lab_id	0605103-03
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	12	U	U	

nsample	46SB3602
samp_date	5/8/2006
lab_id	0605103-04
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.4	U	U	
1,1,2,2-TETRACHLOROETHANE	5.4	U	U	
1,1,2-TRICHLOROETHANE	5.4	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	5.4	U	U	
1,1-DICHLOROETHANE	5.4	U	U	
1,1-DICHLOROETHENE	5.4	U	U	
1,2,4-TRICHLOROBENZENE	5.4	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	11	U	U	
1,2-DIBROMOETHANE	5.4	U	U	
1,2-DICHLOROBENZENE	5.4	U	U	
1,2-DICHLOROETHANE	5.4	U	U	
1,2-DICHLOROPROPANE	5.4	U	U	
1,3-DICHLOROBENZENE	5.4	U	U	
1,4-DICHLOROBENZENE	5.4	U	U	
BROMODICHLOROMETHANE	5.4	U	U	
BROMOFORM	5.4	U	U	
BROMOMETHANE	11	U	UJ	C
CARBON TETRACHLORIDE	5.4	U	U	
CHLOROBENZENE	5.4	U	U	
CHLORODIBROMOMETHANE	5.4	U	U	
CHLOROETHANE	11	U	U	
CHLOROFORM	5.4	U	U	
CHLOROMETHANE	11	U	U	
CIS-1,2-DICHLOROETHENE	5.4	U	U	
CIS-1,3-DICHLOROPROPENE	5.4	U	U	
DICHLORODIFLUOROMETHANE	11	U	U	
METHYLENE CHLORIDE	3.5	IV	U	A
TETRACHLOROETHENE	5.4	U	U	
TRANS-1,2-DICHLOROETHENE	5.4	U	U	
TRANS-1,3-DICHLOROPROPENE	5.4	U	U	
TRICHLOROETHENE	11			
TRICHLOROFLUOROMETHANE	11	U	U	

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3602
samp_date	5/8/2006
lab_id	0605103-04
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	11	U	U	

nsample	46SB3702
samp_date	5/8/2006
lab_id	0605103-09
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.4	U	U	
1,1,2,2-TETRACHLOROETHANE	6.4	U	U	
1,1,2-TRICHLOROETHANE	6.4	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	6.4	U	U	
1,1-DICHLOROETHANE	6.4	U	U	
1,1-DICHLOROETHENE	6.4	U	U	
1,2,4-TRICHLOROBENZENE	6.4	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	13	U	U	
1,2-DIBROMOETHANE	6.4	U	U	
1,2-DICHLOROBENZENE	6.4	U	U	
1,2-DICHLOROETHANE	6.4	U	U	
1,2-DICHLOROPROPANE	6.4	U	U	
1,3-DICHLOROBENZENE	6.4	U	U	
1,4-DICHLOROBENZENE	6.4	U	U	
BROMODICHLOROMETHANE	6.4	U	U	
BROMOFORM	6.4	U	U	
BROMOMETHANE	13	U	UJ	C
CARBON TETRACHLORIDE	6.4	U	U	
CHLOROBENZENE	6.4	U	U	
CHLORODIBROMOMETHANE	6.4	U	U	
CHLOROETHANE	13	U	U	
CHLOROFORM	6.4	U	U	
CHLOROMETHANE	13	U	U	
CIS-1,2-DICHLOROETHENE	6.4	U	U	
CIS-1,3-DICHLOROPROPENE	6.4	U	U	
DICHLORODIFLUOROMETHANE	13	U	U	
METHYLENE CHLORIDE	3.5	IV	U	A
TETRACHLOROETHENE	6.4	U	U	
TRANS-1,2-DICHLOROETHENE	6.4	U	U	
TRANS-1,3-DICHLOROPROPENE	6.4	U	U	
TRICHLOROETHENE	1.8	IV	U	A
TRICHLOROFLUOROMETHANE	13	U	U	

nsample	46SB3702
samp_date	5/8/2006
lab_id	0605103-09
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	13	U	U	

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3801
samp_date	5/8/2006
lab_id	0605103-05
qc_type	NM
units	UG/KG
Pct_Solids	78.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.8	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	6.8	U	UJ	R
1,1,2-TRICHLOROETHANE	6.8	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	6.8	U	UJ	R
1,1-DICHLOROETHANE	6.8	U	UJ	R
1,1-DICHLOROETHENE	6.8	U	UJ	R
1,2,4-TRICHLOROBENZENE	6.8	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	14	U	UJ	R
1,2-DIBROMOETHANE	6.8	U	UJ	R
1,2-DICHLOROBENZENE	6.8	U	UJ	R
1,2-DICHLOROETHANE	6.8	U	UJ	R
1,2-DICHLOROPROPANE	6.8	U	UJ	R
1,3-DICHLOROBENZENE	6.8	U	UJ	R
1,4-DICHLOROBENZENE	6.8	U	UJ	R
BROMODICHLOROMETHANE	6.8	U	UJ	R
BROMOFORM	6.8	U	UJ	R
BROMOMETHANE	14	U	UJ	CR
CARBON TETRACHLORIDE	6.8	U	UJ	R
CHLOROBENZENE	6.8	U	UJ	R
CHLORODIBROMOMETHANE	6.8	U	UJ	R
CHLOROETHANE	14	U	UJ	R
CHLOROFORM	6.8	U	UJ	R
CHLOROMETHANE	14	U	UJ	R
CIS-1,2-DICHLOROETHENE	6.8	U	UJ	R
CIS-1,3-DICHLOROPROPENE	6.8	U	UJ	R
DICHLORODIFLUOROMETHANE	14	U	UJ	R
METHYLENE CHLORIDE	3.8	IV	U	A
TETRACHLOROETHENE	6.8	U	UJ	R
TRANS-1,2-DICHLOROETHENE	6.8	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	6.8	U	UJ	R
TRICHLOROETHENE	1.3	IV	U	A
TRICHLOROFLUOROMETHANE	14	U	UJ	R

nsample	46SB3801
samp_date	5/8/2006
lab_id	0605103-05
qc_type	NM
units	UG/KG
Pct_Solids	78.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	14	U	UJ	R

nsample	46SB3901
samp_date	5/8/2006
lab_id	0605103-06
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.5	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	6.5	U	UJ	R
1,1,2-TRICHLOROETHANE	6.5	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	6.5	U	UJ	R
1,1-DICHLOROETHANE	6.5	U	UJ	R
1,1-DICHLOROETHENE	6.5	U	UJ	R
1,2,4-TRICHLOROBENZENE	6.5	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	13	U	UJ	R
1,2-DIBROMOETHANE	6.5	U	UJ	R
1,2-DICHLOROBENZENE	6.5	U	UJ	R
1,2-DICHLOROETHANE	6.5	U	UJ	R
1,2-DICHLOROPROPANE	6.5	U	UJ	R
1,3-DICHLOROBENZENE	6.5	U	UJ	R
1,4-DICHLOROBENZENE	6.5	U	UJ	R
BROMODICHLOROMETHANE	6.5	U	UJ	R
BROMOFORM	6.5	U	UJ	R
BROMOMETHANE	13	U	UJ	CR
CARBON TETRACHLORIDE	6.5	U	UJ	R
CHLOROBENZENE	6.5	U	UJ	R
CHLORODIBROMOMETHANE	6.5	U	UJ	R
CHLOROETHANE	13	U	UJ	R
CHLOROFORM	6.5	U	UJ	R
CHLOROMETHANE	13	U	UJ	R
CIS-1,2-DICHLOROETHENE	6.5	U	UJ	R
CIS-1,3-DICHLOROPROPENE	6.5	U	UJ	R
DICHLORODIFLUOROMETHANE	13	U	UJ	R
METHYLENE CHLORIDE	3.5	IV	U	A
TETRACHLOROETHENE	6.5	U	UJ	R
TRANS-1,2-DICHLOROETHENE	6.5	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	6.5	U	UJ	R
TRICHLOROETHENE	1.4	IV	U	A
TRICHLOROFLUOROMETHANE	13	U	UJ	R

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3901
samp_date	5/8/2006
lab_id	0605103-06
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	13	U	UJ	R

nsample	46SB402
samp_date	5/8/2006
lab_id	0605103-08
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	5.7	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	5.7	U	UJ	R
1,1,2-TRICHLOROETHANE	5.7	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	5.7	U	UJ	R
1,1-DICHLOROETHANE	5.7	U	UJ	R
1,1-DICHLOROETHENE	5.7	U	UJ	R
1,2,4-TRICHLOROBENZENE	5.7	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	11	U	UJ	R
1,2-DIBROMOETHANE	5.7	U	UJ	R
1,2-DICHLOROBENZENE	5.7	U	UJ	R
1,2-DICHLOROETHANE	5.7	U	UJ	R
1,2-DICHLOROPROPANE	5.7	U	UJ	R
1,3-DICHLOROBENZENE	5.7	U	UJ	R
1,4-DICHLOROBENZENE	5.7	U	UJ	R
BROMODICHLOROMETHANE	5.7	U	UJ	R
BROMOFORM	5.7	U	UJ	R
BROMOMETHANE	11	U	UJ	CR
CARBON TETRACHLORIDE	5.7	U	UJ	R
CHLOROBENZENE	5.7	U	UJ	R
CHLORODIBROMOMETHANE	5.7	U	UJ	R
CHLOROETHANE	11	U	UJ	R
CHLOROFORM	5.7	U	UJ	R
CHLOROMETHANE	11	U	UJ	R
CIS-1,2-DICHLOROETHENE	5.7	U	UJ	R
CIS-1,3-DICHLOROPROPENE	5.7	U	UJ	R
DICHLORODIFLUOROMETHANE	11	U	UJ	R
METHYLENE CHLORIDE	3.1	IV	U	A
TETRACHLOROETHENE	5.7	U	UJ	R
TRANS-1,2-DICHLOROETHENE	5.7	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	5.7	U	UJ	R
TRICHLOROETHENE	1.5	IV	U	A
TRICHLOROFLUOROMETHANE	11	U	UJ	R

nsample	46SB402
samp_date	5/8/2006
lab_id	0605103-08
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	11	U	UJ	R

PROJ_NO: 00007

SDG: 0605103 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4102
samp_date	5/8/2006
lab_id	0605103-07
qc_type	NM
units	UG/KG
Pct_Solids	90.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	6.5	U	U	
1,1,2,2-TETRACHLOROETHANE	6.5	U	U	
1,1,2-TRICHLOROETHANE	6.5	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	6.5	U	U	
1,1-DICHLOROETHANE	6.5	U	U	
1,1-DICHLOROETHENE	6.5	U	U	
1,2,4-TRICHLOROBENZENE	6.5	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	13	U	U	
1,2-DIBROMOETHANE	6.5	U	U	
1,2-DICHLOROBENZENE	6.5	U	U	
1,2-DICHLOROETHANE	6.5	U	U	
1,2-DICHLOROPROPANE	6.5	U	U	
1,3-DICHLOROBENZENE	6.5	U	U	
1,4-DICHLOROBENZENE	6.5	U	U	
BROMODICHLOROMETHANE	6.5	U	U	
BROMOFORM	6.5	U	U	
BROMOMETHANE	13	U	UJ	C
CARBON TETRACHLORIDE	6.5	U	U	
CHLOROBENZENE	6.5	U	U	
CHLORODIBROMOMETHANE	6.5	U	U	
CHLOROETHANE	13	U	U	
CHLOROFORM	6.5	U	U	
CHLOROMETHANE	13	U	U	
CIS-1,2-DICHLOROETHENE	6.5	U	U	
CIS-1,3-DICHLOROPROPENE	6.5	U	U	
DICHLORODIFLUOROMETHANE	13	U	U	
METHYLENE CHLORIDE	4.1	IV	U	A
TETRACHLOROETHENE	6.5	U	U	
TRANS-1,2-DICHLOROETHENE	6.5	U	U	
TRANS-1,3-DICHLOROPROPENE	6.5	U	U	
TRICHLOROETHENE	6.5	U	U	
TRICHLOROFLUOROMETHANE	13	U	U	

nsample	46SB4102
samp_date	5/8/2006
lab_id	0605103-07
qc_type	NM
units	UG/KG
Pct_Solids	90.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	13	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3201

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-02

Sample wt/vol: 4.8 (g/mL) G Lab File ID: 0510302A

Level: (low/med) LOW Date Sampled: 05/08/06 10:18

% Moisture: not dec. 4 Date Analyzed: 05/09/06 13:32

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.32	5.4		U
75-25-2	Bromoform	1.1	5.4		U
74-83-9	Bromomethane	0.78	11		U
56-23-5	Carbon tetrachloride	0.96	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.60	5.4		U
74-87-3	Chloromethane	0.56	11		U
124-48-1	Dibromochloromethane	0.37	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.47	5.4		U
95-50-1	1,2-Dichlorobenzene	0.40	5.4		U
541-73-1	1,3-Dichlorobenzene	0.91	5.4		U
106-46-7	1,4-Dichlorobenzene	0.60	5.4		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.59	5.4		U
107-06-2	1,2-Dichloroethane	0.50	5.4		U
75-35-4	1,1-Dichloroethene	1.3	5.4		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.4		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.4		U
78-87-5	1,2-Dichloropropane	0.50	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.54	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.35	5.4		U
75-09-2	Methylene chloride	0.67	11	3.4	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.47	5.4		U
127-18-4	Tetrachloroethene	1.0	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.4		U
71-55-6	1,1,1-Trichloroethane	0.98	5.4		U
79-00-5	1,1,2-Trichloroethane	0.38	5.4		U
79-01-6	Trichloroethene	0.92	5.4	3.4	IV
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.60	5.4		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3301

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-01

Sample wt/vol: 5.1 (g/mL) G Lab File ID: 0510301M

Level: (low/med) MED Date Sampled: 05/08/06 09:54

% Moisture: not dec. 3 Date Analyzed: 05/09/06 12:56

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 10.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	150	2500		UD
75-25-2	Bromoform	510	2500		UD
74-83-9	Bromomethane	360	5100		UD
56-23-5	Carbon tetrachloride	450	2500		UD
108-90-7	Chlorobenzene	1300	2500		UD
75-00-3	Chloroethane	560	5100		UD
67-66-3	Chloroform	280	2500		UD
74-87-3	Chloromethane	260	5100	280	ID
124-48-1	Dibromochloromethane	170	2500		UD
96-12-8	1,2-Dibromo-3-chloropropane	610	5100		UD
106-93-4	1,2-Dibromoethane	220	2500		UD
95-50-1	1,2-Dichlorobenzene	190	2500		UD
541-73-1	1,3-Dichlorobenzene	420	2500		UD
106-46-7	1,4-Dichlorobenzene	280	2500		UD
75-71-8	Dichlorodifluoromethane	560	5100		UD
75-34-3	1,1-Dichloroethane	270	2500		UD
107-06-2	1,2-Dichloroethane	230	2500		UD
75-35-4	1,1-Dichloroethene	610	2500		UD
156-59-2	cis-1,2-Dichloroethene	610	2500		UD
156-60-5	trans-1,2-Dichloroethene	560	2500		UD
78-87-5	1,2-Dichloropropane	230	2500		UD
10061-01-5	cis-1,3-Dichloropropene	250	2500		UD
10061-02-6	trans-1,3-Dichloropropene	160	2500		UD
75-09-2	Methylene chloride	310	5100	6600	VD
79-34-5	1,1,2,2-Tetrachloroethane	220	2500		UD
127-18-4	Tetrachloroethene	490	2500		UD
120-82-1	1,2,4-Trichlorobenzene	91	2500		UD
71-55-6	1,1,1-Trichloroethane	460	2500		UD
79-00-5	1,1,2-Trichloroethane	180	2500		UD
79-01-6	Trichloroethene	430	2500	32000	D
75-69-4	Trichlorofluoromethane	480	5100		UD
76-13-1	Trichlorotrifluoroethane	280	2500		UD
75-01-4	Vinyl chloride	560	5100		UD

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3401

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-10

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510310M

Level: (low/med) MED Date Sampled: 05/08/06 13:55

% Moisture: not dec. 20 Date Analyzed: 05/09/06 21:25

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	21	340		U
75-25-2	Bromoform	69	340		U
74-83-9	Bromomethane	50	690		U
56-23-5	Carbon tetrachloride	60	340		U
108-90-7	Chlorobenzene	170	340		U
75-00-3	Chloroethane	76	690		U
67-66-3	Chloroform	38	340		U
74-87-3	Chloromethane	36	690	47	I
124-48-1	Dibromochloromethane	23	340		U
96-12-8	1,2-Dibromo-3-chloropropane	83	690		U
106-93-4	1,2-Dibromoethane	30	340		U
95-50-1	1,2-Dichlorobenzene	25	340	170	I
541-73-1	1,3-Dichlorobenzene	58	340		U
106-46-7	1,4-Dichlorobenzene	38	340	110	I
75-71-8	Dichlorodifluoromethane	76	690		U
75-34-3	1,1-Dichloroethane	37	340		U
107-06-2	1,2-Dichloroethane	32	340		U
75-35-4	1,1-Dichloroethene	83	340		U
156-59-2	cis-1,2-Dichloroethene	83	340		U
156-60-5	trans-1,2-Dichloroethene	76	340		U
78-87-5	1,2-Dichloropropane	32	340		U
10061-01-5	cis-1,3-Dichloropropene	34	340		U
10061-02-6	trans-1,3-Dichloropropene	22	340		U
75-09-2	Methylene chloride	43	690	660	IV
79-34-5	1,1,2,2-Tetrachloroethane	30	340		U
127-18-4	Tetrachloroethene	67	340	100	I
120-82-1	1,2,4-Trichlorobenzene	12	340		U
71-55-6	1,1,1-Trichloroethane	62	340		U
79-00-5	1,1,2-Trichloroethane	24	340		U
79-01-6	Trichloroethene	58	340	1600	
75-69-4	Trichlorofluoromethane	65	690		U
76-13-1	Trichlorotrifluoroethane	38	340		U
75-01-4	Vinyl chloride	76	690		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3502

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-03

Sample wt/vol: 4.6 (g/mL) G Lab File ID: 0510303B

Level: (low/med) LOW Date Sampled: 05/08/06 10:51

% Moisture: not dec. 7 Date Analyzed: 05/09/06 17:46

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
75-27-4	Bromodichloromethane	0.35	5.9		U
75-25-2	Bromoform	1.2	5.9		U
74-83-9	Bromomethane	0.85	12		U
56-23-5	Carbon tetrachloride	1.0	5.9		U
108-90-7	Chlorobenzene	2.9	5.9		U
75-00-3	Chloroethane	1.3	12		U
67-66-3	Chloroform	0.65	5.9		U
74-87-3	Chloromethane	0.61	12		U
124-48-1	Dibromochloromethane	0.40	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	12		U
106-93-4	1,2-Dibromoethane	0.50	5.9		U
95-50-1	1,2-Dichlorobenzene	0.44	5.9		U
541-73-1	1,3-Dichlorobenzene	0.99	5.9		U
106-46-7	1,4-Dichlorobenzene	0.65	5.9		U
75-71-8	Dichlorodifluoromethane	1.3	12		U
75-34-3	1,1-Dichloroethane	0.64	5.9		U
107-06-2	1,2-Dichloroethane	0.54	5.9		U
75-35-4	1,1-Dichloroethene	1.4	5.9		U
156-59-2	cis-1,2-Dichloroethene	1.4	5.9		U
156-60-5	trans-1,2-Dichloroethene	1.3	5.9		U
78-87-5	1,2-Dichloropropane	0.54	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.59	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.38	5.9		U
75-09-2	Methylene chloride	0.73	12	5.3	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.50	5.9		U
127-18-4	Tetrachloroethene	1.1	5.9		U
120-82-1	1,2,4-Trichlorobenzene	0.21	5.9		U
71-55-6	1,1,1-Trichloroethane	1.0	5.9		U
79-00-5	1,1,2-Trichloroethane	0.41	5.9		U
79-01-6	Trichloroethene	1.00	5.9	3.0	IV
75-69-4	Trichlorofluoromethane	1.1	12		U
76-13-1	Trichlorotrifluoroethane	0.65	5.9		U
75-01-4	Vinyl chloride	1.3	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3602

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-04

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510304A

Level: (low/med) LOW Date Sampled: 05/08/06 11:18

% Moisture: not dec. 2 Date Analyzed: 05/09/06 14:45

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
75-27-4	Bromodichloromethane	0.33	5.4		U
75-25-2	Bromoform	1.1	5.4		U
74-83-9	Bromomethane	0.78	11		U
56-23-5	Carbon tetrachloride	0.96	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.60	5.4		U
74-87-3	Chloromethane	0.57	11		U
124-48-1	Dibromochloromethane	0.37	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.47	5.4		U
95-50-1	1,2-Dichlorobenzene	0.40	5.4		U
541-73-1	1,3-Dichlorobenzene	0.91	5.4		U
106-46-7	1,4-Dichlorobenzene	0.60	5.4		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.59	5.4		U
107-06-2	1,2-Dichloroethane	0.50	5.4		U
75-35-4	1,1-Dichloroethene	1.3	5.4		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.4		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.4		U
78-87-5	1,2-Dichloropropane	0.50	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.54	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.35	5.4		U
75-09-2	Methylene chloride	0.68	11	3.5	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.47	5.4		U
127-18-4	Tetrachloroethene	1.0	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.4		U
71-55-6	1,1,1-Trichloroethane	0.98	5.4		U
79-00-5	1,1,2-Trichloroethane	0.38	5.4		U
79-01-6	Trichloroethene	0.92	5.4	11	
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.60	5.4		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3702

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-09

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 0510309A

Level: (low/med) LOW Date Sampled: 05/08/06 13:41

% Moisture: not dec. 4 Date Analyzed: 05/09/06 17:10

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.38	6.4		U
75-25-2	Bromoform	1.3	6.4		U
74-83-9	Bromomethane	0.92	13		U
56-23-5	Carbon tetrachloride	1.1	6.4		U
108-90-7	Chlorobenzene	3.2	6.4		U
75-00-3	Chloroethane	1.4	13		U
67-66-3	Chloroform	0.70	6.4		U
74-87-3	Chloromethane	0.67	13		U
124-48-1	Dibromochloromethane	0.44	6.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	13		U
106-93-4	1,2-Dibromoethane	0.55	6.4		U
95-50-1	1,2-Dichlorobenzene	0.47	6.4		U
541-73-1	1,3-Dichlorobenzene	1.1	6.4		U
106-46-7	1,4-Dichlorobenzene	0.70	6.4		U
75-71-8	Dichlorodifluoromethane	1.4	13		U
75-34-3	1,1-Dichloroethane	0.69	6.4		U
107-06-2	1,2-Dichloroethane	0.59	6.4		U
75-35-4	1,1-Dichloroethene	1.5	6.4		U
156-59-2	cis-1,2-Dichloroethene	1.5	6.4		U
156-60-5	trans-1,2-Dichloroethene	1.4	6.4		U
78-87-5	1,2-Dichloropropane	0.59	6.4		U
10061-01-5	cis-1,3-Dichloropropene	0.64	6.4		U
10061-02-6	trans-1,3-Dichloropropene	0.41	6.4		U
75-09-2	Methylene chloride	0.79	13	3.5	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.55	6.4		U
127-18-4	Tetrachloroethene	1.2	6.4		U
120-82-1	1,2,4-Trichlorobenzene	0.23	6.4		U
71-55-6	1,1,1-Trichloroethane	1.2	6.4		U
79-00-5	1,1,2-Trichloroethane	0.45	6.4		U
79-01-6	Trichloroethene	1.1	6.4	1.8	IV
75-69-4	Trichlorofluoromethane	1.2	13		U
76-13-1	Trichlorotrifluoroethane	0.70	6.4		U
75-01-4	Vinyl chloride	1.4	13		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3801

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-05

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510305A

Level: (low/med) LOW Date Sampled: 05/08/06 11:47

% Moisture: not dec. 22 Date Analyzed: 05/09/06 15:21

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.41	6.8		U
75-25-2	Bromoform	1.4	6.8		U
74-83-9	Bromomethane	0.98	14		U
56-23-5	Carbon tetrachloride	1.2	6.8		U
108-90-7	Chlorobenzene	3.4	6.8		U
75-00-3	Chloroethane	1.5	14		U
67-66-3	Chloroform	0.75	6.8		U
74-87-3	Chloromethane	0.71	14		U
124-48-1	Dibromochloromethane	0.46	6.8		U
96-12-8	1,2-Dibromo-3-chloropropane	1.6	14		U
106-93-4	1,2-Dibromoethane	0.58	6.8		U
95-50-1	1,2-Dichlorobenzene	0.50	6.8		U
541-73-1	1,3-Dichlorobenzene	1.1	6.8		U
106-46-7	1,4-Dichlorobenzene	0.75	6.8		U
75-71-8	Dichlorodifluoromethane	1.5	14		U
75-34-3	1,1-Dichloroethane	0.73	6.8		U
107-06-2	1,2-Dichloroethane	0.62	6.8		U
75-35-4	1,1-Dichloroethene	1.6	6.8		U
156-59-2	cis-1,2-Dichloroethene	1.6	6.8		U
156-60-5	trans-1,2-Dichloroethene	1.5	6.8		U
78-87-5	1,2-Dichloropropane	0.62	6.8		U
10061-01-5	cis-1,3-Dichloropropene	0.68	6.8		U
10061-02-6	trans-1,3-Dichloropropene	0.44	6.8		U
75-09-2	Methylene chloride	0.84	14	3.8	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.58	6.8		U
127-18-4	Tetrachloroethene	1.3	6.8		U
120-82-1	1,2,4-Trichlorobenzene	0.24	6.8		U
71-55-6	1,1,1-Trichloroethane	1.2	6.8		U
79-00-5	1,1,2-Trichloroethane	0.48	6.8		U
79-01-6	Trichloroethene	1.2	6.8	1.3	IV
75-69-4	Trichlorofluoromethane	1.3	14		U
76-13-1	Trichlorotrifluoroethane	0.75	6.8		U
75-01-4	Vinyl chloride	1.5	14		U

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3801RE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-05

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510305B

Level: (low/med) LOW Date Sampled: 05/08/06 11:47

% Moisture: not dec. 22 Date Analyzed: 05/09/06 18:23

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.41	6.9		U
75-25-2	Bromoform	1.4	6.9		U
74-83-9	Bromomethane	0.99	14		U
56-23-5	Carbon tetrachloride	1.2	6.9		U
108-90-7	Chlorobenzene	3.4	6.9		U
75-00-3	Chloroethane	1.5	14		U
67-66-3	Chloroform	0.76	6.9		U
74-87-3	Chloromethane	0.72	14		U
124-48-1	Dibromochloromethane	0.47	6.9		U
96-12-8	1,2-Dibromo-3-chloropropane	1.6	14		U
106-93-4	1,2-Dibromoethane	0.59	6.9		U
95-50-1	1,2-Dichlorobenzene	0.51	6.9		U
541-73-1	1,3-Dichlorobenzene	1.2	6.9		U
106-46-7	1,4-Dichlorobenzene	0.76	6.9		U
75-71-8	Dichlorodifluoromethane	1.5	14		U
75-34-3	1,1-Dichloroethane	0.74	6.9		U
107-06-2	1,2-Dichloroethane	0.63	6.9		U
75-35-4	1,1-Dichloroethene	1.6	6.9		U
156-59-2	cis-1,2-Dichloroethene	1.6	6.9		U
156-60-5	trans-1,2-Dichloroethene	1.5	6.9		U
78-87-5	1,2-Dichloropropane	0.63	6.9		U
10061-01-5	cis-1,3-Dichloropropene	0.69	6.9		U
10061-02-6	trans-1,3-Dichloropropene	0.44	6.9		U
75-09-2	Methylene chloride	0.85	14	4.1	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.59	6.9		U
127-18-4	Tetrachloroethene	1.3	6.9		U
120-82-1	1,2,4-Trichlorobenzene	0.25	6.9		U
71-55-6	1,1,1-Trichloroethane	1.2	6.9		U
79-00-5	1,1,2-Trichloroethane	0.48	6.9		U
79-01-6	Trichloroethene	1.2	6.9	1.2	IV
75-69-4	Trichlorofluoromethane	1.3	14		U
76-13-1	Trichlorotrifluoroethane	0.76	6.9		U
75-01-4	Vinyl chloride	1.5	14		U

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3901

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-06

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510306A

Level: (low/med) LOW Date Sampled: 05/08/06 12:20

% Moisture: not dec. 14 Date Analyzed: 05/09/06 15:57

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.39	6.5		U
75-25-2	Bromoform	1.3	6.5		U
74-83-9	Bromomethane	0.93	13		U
56-23-5	Carbon tetrachloride	1.1	6.5		U
108-90-7	Chlorobenzene	3.2	6.5		U
75-00-3	Chloroethane	1.4	13		U
67-66-3	Chloroform	0.71	6.5		U
74-87-3	Chloromethane	0.67	13		U
124-48-1	Dibromochloromethane	0.44	6.5		U
96-12-8	1,2-Dibromo-3-chloropropane	1.6	13		U
106-93-4	1,2-Dibromoethane	0.56	6.5		U
95-50-1	1,2-Dichlorobenzene	0.48	6.5		U
541-73-1	1,3-Dichlorobenzene	1.1	6.5		U
106-46-7	1,4-Dichlorobenzene	0.71	6.5		U
75-71-8	Dichlorodifluoromethane	1.4	13		U
75-34-3	1,1-Dichloroethane	0.70	6.5		U
107-06-2	1,2-Dichloroethane	0.59	6.5		U
75-35-4	1,1-Dichloroethene	1.6	6.5		U
156-59-2	cis-1,2-Dichloroethene	1.6	6.5		U
156-60-5	trans-1,2-Dichloroethene	1.4	6.5		U
78-87-5	1,2-Dichloropropane	0.59	6.5		U
10061-01-5	cis-1,3-Dichloropropene	0.65	6.5		U
10061-02-6	trans-1,3-Dichloropropene	0.41	6.5		U
75-09-2	Methylene chloride	0.80	13	3.5	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.56	6.5		U
127-18-4	Tetrachloroethene	1.2	6.5		U
120-82-1	1,2,4-Trichlorobenzene	0.23	6.5		U
71-55-6	1,1,1-Trichloroethane	1.2	6.5		U
79-00-5	1,1,2-Trichloroethane	0.45	6.5		U
79-01-6	Trichloroethene	1.1	6.5	1.4	IV
75-69-4	Trichlorofluoromethane	1.2	13		U
76-13-1	Trichlorotrifluoroethane	0.71	6.5		U
75-01-4	Vinyl chloride	1.4	13		U

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3901RE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-06

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510306B

Level: (low/med) LOW Date Sampled: 05/08/06 12:20

% Moisture: not dec. 14 Date Analyzed: 05/09/06 18:59

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
75-27-4	Bromodichloromethane	0.38	6.4		U
75-25-2	Bromoform	1.3	6.4		U
74-83-9	Bromomethane	0.93	13		U
56-23-5	Carbon tetrachloride	1.1	6.4		U
108-90-7	Chlorobenzene	3.2	6.4		U
75-00-3	Chloroethane	1.4	13		U
67-66-3	Chloroform	0.71	6.4		U
74-87-3	Chloromethane	0.67	13		U
124-48-1	Dibromochloromethane	0.44	6.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	13		U
106-93-4	1,2-Dibromoethane	0.55	6.4		U
95-50-1	1,2-Dichlorobenzene	0.48	6.4		U
541-73-1	1,3-Dichlorobenzene	1.1	6.4		U
106-46-7	1,4-Dichlorobenzene	0.71	6.4		U
75-71-8	Dichlorodifluoromethane	1.4	13		U
75-34-3	1,1-Dichloroethane	0.69	6.4		U
107-06-2	1,2-Dichloroethane	0.59	6.4		U
75-35-4	1,1-Dichloroethene	1.5	6.4		U
156-59-2	cis-1,2-Dichloroethene	1.5	6.4		U
156-60-5	trans-1,2-Dichloroethene	1.4	6.4		U
78-87-5	1,2-Dichloropropane	0.59	6.4		U
10061-01-5	cis-1,3-Dichloropropene	0.64	6.4		U
10061-02-6	trans-1,3-Dichloropropene	0.41	6.4		U
75-09-2	Methylene chloride	0.80	13	3.8	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.55	6.4		U
127-18-4	Tetrachloroethene	1.2	6.4		U
120-82-1	1,2,4-Trichlorobenzene	0.23	6.4		U
71-55-6	1,1,1-Trichloroethane	1.2	6.4		U
79-00-5	1,1,2-Trichloroethane	0.45	6.4		U
79-01-6	Trichloroethene	1.1	6.4		U
75-69-4	Trichlorofluoromethane	1.2	13		U
76-13-1	Trichlorotrifluoroethane	0.71	6.4		U
75-01-4	Vinyl chloride	1.4	13		U

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB402

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-08

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510308A

Level: (low/med) LOW Date Sampled: 05/08/06 13:17

% Moisture: not dec. 6 Date Analyzed: 05/09/06 19:36

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.34	5.7		U
75-25-2	Bromoform	1.1	5.7		U
74-83-9	Bromomethane	0.82	11		U
56-23-5	Carbon tetrachloride	1.0	5.7		U
108-90-7	Chlorobenzene	2.8	5.7		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.63	5.7		U
74-87-3	Chloromethane	0.59	11		U
124-48-1	Dibromochloromethane	0.39	5.7		U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	11		U
106-93-4	1,2-Dibromoethane	0.49	5.7		U
95-50-1	1,2-Dichlorobenzene	0.42	5.7		U
541-73-1	1,3-Dichlorobenzene	0.96	5.7		U
106-46-7	1,4-Dichlorobenzene	0.63	5.7		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.62	5.7		U
107-06-2	1,2-Dichloroethane	0.52	5.7		U
75-35-4	1,1-Dichloroethene	1.4	5.7		U
156-59-2	cis-1,2-Dichloroethene	1.4	5.7		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.7		U
78-87-5	1,2-Dichloropropane	0.52	5.7		U
10061-01-5	cis-1,3-Dichloropropene	0.57	5.7		U
10061-02-6	trans-1,3-Dichloropropene	0.36	5.7		U
75-09-2	Methylene chloride	0.71	11	3.1	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.49	5.7		U
127-18-4	Tetrachloroethene	1.1	5.7		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.7		U
71-55-6	1,1,1-Trichloroethane	1.0	5.7		U
79-00-5	1,1,2-Trichloroethane	0.40	5.7		U
79-01-6	Trichloroethene	0.97	5.7	1.5	IV
75-69-4	Trichlorofluoromethane	1.1	11		U
76-13-1	Trichlorotrifluoroethane	0.63	5.7		U
75-01-4	Vinyl chloride	1.2	11		U

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4102

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: 0605103-07

Sample wt/vol: 4.3 (g/mL) G Lab File ID: 0510307A

Level: (low/med) LOW Date Sampled: 05/08/06 12:58

% Moisture: not dec. 10 Date Analyzed: 05/09/06 16:34

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) MDL	RL	CONC	UG/KG Q
75-27-4	Bromodichloromethane	0.39	6.5		U
75-25-2	Bromoform	1.3	6.5		U
74-83-9	Bromomethane	0.94	13		U
56-23-5	Carbon tetrachloride	1.2	6.5		U
108-90-7	Chlorobenzene	3.3	6.5		U
75-00-3	Chloroethane	1.4	13		U
67-66-3	Chloroform	0.72	6.5		U
74-87-3	Chloromethane	0.68	13		U
124-48-1	Dibromochloromethane	0.44	6.5		U
96-12-8	1,2-Dibromo-3-chloropropane	1.6	13		U
106-93-4	1,2-Dibromoethane	0.56	6.5		U
95-50-1	1,2-Dichlorobenzene	0.48	6.5		U
541-73-1	1,3-Dichlorobenzene	1.1	6.5		U
106-46-7	1,4-Dichlorobenzene	0.72	6.5		U
75-71-8	Dichlorodifluoromethane	1.4	13		U
75-34-3	1,1-Dichloroethane	0.71	6.5		U
107-06-2	1,2-Dichloroethane	0.60	6.5		U
75-35-4	1,1-Dichloroethene	1.6	6.5		U
156-59-2	cis-1,2-Dichloroethene	1.6	6.5		U
156-60-5	trans-1,2-Dichloroethene	1.4	6.5		U
78-87-5	1,2-Dichloropropane	0.60	6.5		U
10061-01-5	cis-1,3-Dichloropropene	0.65	6.5		U
10061-02-6	trans-1,3-Dichloropropene	0.42	6.5		U
75-09-2	Methylene chloride	0.81	13	4.1	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.56	6.5		U
127-18-4	Tetrachloroethene	1.3	6.5		U
120-82-1	1,2,4-Trichlorobenzene	0.24	6.5		U
71-55-6	1,1,1-Trichloroethane	1.2	6.5		U
79-00-5	1,1,2-Trichloroethane	0.46	6.5		U
79-01-6	Trichloroethene	1.1	6.5		U
75-69-4	Trichlorofluoromethane	1.2	13		U
76-13-1	Trichlorotrifluoroethane	0.72	6.5		U
75-01-4	Vinyl chloride	1.4	13		U

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG 0605103

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46SB4102	0605103-07	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3301	0605103-01	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3401	0605103-10	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3502	0605103-03	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3602	0605103-04	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3702	0605103-09	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3801	0605103-05	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3801RE	0605103-05RE	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3901	0605103-06	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3901RE	0605103-06RE	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB3201	0605103-02	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	%	46SB402	0605103-08	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB4102	0605103-07	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3301	0605103-01	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3401	0605103-10	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	46SB3502	0605103-03	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3602	0605103-04	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3702	0605103-09	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3801	0605103-05	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3801RE	0605103-05RE	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3901	0605103-06	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3901RE	0605103-06RE	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB402	0605103-08	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1
OV	UG/KG	46SB3201	0605103-02	NM	5/8/2006	5/9/2006	5/9/2006	1	0	1

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Pensacola, FL CTO367
Project Manager: B. Olson
SDG: 0605103
Work Order: 0605103

Lab Sample ID	COC Sample ID
0605103-01	46SB3301
0605103-02	46SB3201
0605103-03	46SB3502
0605103-04	46SB3602
0605103-05	46SB3801
0605103-06	46SB3901
0605103-07	46SB4102
0605103-08	46SB402
0605103-09	46SB3702
0605103-10	46SB3401

Volatiles

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 5035/8260B (TerraCore field sampling followed by purge and trap then capillary column GC/MS) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The volatile analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- Sample analyses are based on screen results. Many samples are not reported without dilution. Soil samples are reported from the low-level vial and/or methanol extract, as necessary, depending on screen results and analyte concentrations.
- Methylene chloride and trichloroethene were detected in method blank V1PBLK0509 at concentrations below the quantitation limit. Reported concentrations in the associated samples within 5x the method blank concentration are flagged with a "V".
- Samples 46SB3801, 46SB3901 and 46SB402 had low recovery of the surrogate dibromofluoromethane. Reanalysis of samples 46SB3801 and 46SB3901 confirmed low recoveries. A check of the sample pH after analysis confirmed this is due to the high pH of the samples. Results for the reanalyses of samples 46SB3801 and 46SB3901 are reported with an "RE" appended to the sample ID.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The reported non-detect result may be due to a low bias as the CCV for the confirmation column exceeded the limit on the low side.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2671 | PAGE 1 OF 4

PROJECT NO: N00007	FACILITY: PZW	PROJECT MANAGER: G. Walker	PHONE NUMBER: 850 385 9889
LABORATORY NAME AND CONTACT: Empirical M. McGinnity			
SAMPLERS (SIGNATURE): [signature]	FIELD OPERATIONS LEADER: Bill Olson	PHONE NUMBER: 850 210 3681	ADDRESS: 227 French Landing Dr. - St 550
	CARRIER/WAYBILL NUMBER: FedEx 8560 3460 8570		CITY, STATE: Nashville TN

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P/G
PRESERVATIVE USED: meoH

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: CVOC 8260								COMMENTS
03																		
01	5/8	0954	46SB3301	SB33	0	6"	SO	G	4	4								
02	5/8	1018	46SB3201	SB32	0	6"	S	G	4	4								
03	5/8	1051	46SB3502	SB35	6"	2'	S	G	4	4								
04	5/8	1118	46SB3602	SB36	6"	2'	S	G	4	4								
05	5/8	1147	46SB3801	SB38	0	6"	S	G	4	4								
06	5/8	1220	46SB3901	SB39	0	6"	S	G	4	4								
07	5/8	1258	46SB4102	SB41	6"	2'	S	G	4	4								
08	5/8	1317	46SB402	SB40	6"	2'	S	G	4	4								
09	5/8	1341	46SB3702	SB37	6"	2'	S	G	4	4								
10	5/8	1355	46SB3401	SB34	0	6"	S	G	4	4								

1. RELINQUISHED BY: [signature]	DATE: 5-8/06	TIME: 1745	1. RECEIVED BY: [signature]	DATE: 5-9-06	TIME: 900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

3.1

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

EMPIRICAL LABORATORIES
COOLER RECEIPT FORM

LIMS Number 065103 COC ID(s): 2671

Client Tetra Tech Project Pensacola

Sample Custodian Andy Barto Today's Date 5-9-06

Date/Time Samples Received 5-9 900
Airbill Number Ex
Cooler Opened: Date 5-9

Chain of custody seals intact?	(Yes)	No
Chain of custody provided?	(Yes)	No
Sample labels present?	(Yes)	No
Bottle labels correspond w/COC #	(Yes)	No

Number of Custody Seals on Cooler(s): 2 Seal Date(s): 5-8

Type of coolant used Ice

Coolant condition: Melted _____ Partially melted/frozen ✓
Frozen _____

# of Coolers 1 Temp. of Coolers 3.1

Condition of Bottles in Shipment: Broken Leaking (Intact) Missing

If broken or leaking list sample ID#s and bottle types affected:

_____

_____

_____

Comments:

_____

_____

_____

_____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V1PBLK0509

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Lab File ID: V1PBLK01 Lab Sample ID: V1PBLK0509

Date Analyzed: 05/09/06 Time Analyzed: 1220

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: VOA1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1PBLK0509LC	V1PBLK0509LCS	V1LCS01	1103
02	46SB3301	0605103-01	0510301M	1256
03	46SB3201	0605103-02	0510302A	1332
04	46SB3602	0605103-04	0510304A	1445
05	46SB3801	0605103-05	0510305A	1521
06	46SB3901	0605103-06	0510306A	1557
07	46SB4102	0605103-07	0510307A	1634
08	46SB3702	0605103-09	0510309A	1710
09	46SB3502	0605103-03	0510303B	1746
10	46SB3801RE	0605103-05	0510305B	1823
11	46SB3901RE	0605103-06	0510306B	1859
12	46SB402	0605103-08	0510308A	1936
13	46SB3401	0605103-10	0510310M	2125
14				
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1PBLK0509

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: V1PBLK0509

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1PBLK01

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/09/06 12:20

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.30	5.0		U
75-25-2	Bromoform	1.0	5.0		U
74-83-9	Bromomethane	0.72	10		U
56-23-5	Carbon tetrachloride	0.88	5.0		U
108-90-7	Chlorobenzene	2.5	5.0		U
75-00-3	Chloroethane	1.1	10		U
67-66-3	Chloroform	0.55	5.0		U
74-87-3	Chloromethane	0.52	10		U
124-48-1	Dibromochloromethane	0.34	5.0		U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	10		U
106-93-4	1,2-Dibromoethane	0.43	5.0		U
95-50-1	1,2-Dichlorobenzene	0.37	5.0		U
541-73-1	1,3-Dichlorobenzene	0.84	5.0		U
106-46-7	1,4-Dichlorobenzene	0.55	5.0		U
75-71-8	Dichlorodifluoromethane	1.1	10		U
75-34-3	1,1-Dichloroethane	0.54	5.0		U
107-06-2	1,2-Dichloroethane	0.46	5.0		U
75-35-4	1,1-Dichloroethene	1.2	5.0		U
156-59-2	cis-1,2-Dichloroethene	1.2	5.0		U
156-60-5	trans-1,2-Dichloroethene	1.1	5.0		U
78-87-5	1,2-Dichloropropane	0.46	5.0		U
10061-01-5	cis-1,3-Dichloropropene	0.50	5.0		U
10061-02-6	trans-1,3-Dichloropropene	0.32	5.0		U
75-09-2	Methylene chloride	0.62	10	7.7	I
79-34-5	1,1,2,2-Tetrachloroethane	0.43	5.0		U
127-18-4	Tetrachloroethene	0.97	5.0		U
120-82-1	1,2,4-Trichlorobenzene	0.18	5.0		U
71-55-6	1,1,1-Trichloroethane	0.90	5.0		U
79-00-5	1,1,2-Trichloroethane	0.35	5.0		U
79-01-6	Trichloroethene	0.85	5.0	1.4	I
75-69-4	Trichlorofluoromethane	0.95	10		U
76-13-1	Trichlorotrifluoroethane	0.55	5.0		U
75-01-4	Vinyl chloride	1.1	10		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1PBLK0509

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix: (soil/water) SOIL Lab Sample ID: V1PBLK0509

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1PBLK01

Level: (low/med) MED Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/09/06 12:20

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	15	250		U
75-25-2	Bromoform	50	250		U
74-83-9	Bromomethane	36	500		U
56-23-5	Carbon tetrachloride	44	250		U
108-90-7	Chlorobenzene	120	250		U
75-00-3	Chloroethane	55	500		U
67-66-3	Chloroform	28	250		U
74-87-3	Chloromethane	26	500		U
124-48-1	Dibromochloromethane	17	250		U
96-12-8	1,2-Dibromo-3-chloropropane	60	500		U
106-93-4	1,2-Dibromoethane	22	250		U
95-50-1	1,2-Dichlorobenzene	18	250		U
541-73-1	1,3-Dichlorobenzene	42	250		U
106-46-7	1,4-Dichlorobenzene	28	250		U
75-71-8	Dichlorodifluoromethane	55	500		U
75-34-3	1,1-Dichloroethane	27	250		U
107-06-2	1,2-Dichloroethane	23	250		U
75-35-4	1,1-Dichloroethene	60	250		U
156-59-2	cis-1,2-Dichloroethene	60	250		U
156-60-5	trans-1,2-Dichloroethene	55	250		U
78-87-5	1,2-Dichloropropane	23	250		U
10061-01-5	cis-1,3-Dichloropropene	25	250		U
10061-02-6	trans-1,3-Dichloropropene	16	250		U
75-09-2	Methylene chloride	31	500	380	I
79-34-5	1,1,2,2-Tetrachloroethane	22	250		U
127-18-4	Tetrachloroethene	48	250		U
120-82-1	1,2,4-Trichlorobenzene	9.0	250		U
71-55-6	1,1,1-Trichloroethane	45	250		U
79-00-5	1,1,2-Trichloroethane	18	250		U
79-01-6	Trichloroethene	42	250	71	I
75-69-4	Trichlorofluoromethane	48	500		U
76-13-1	Trichlorotrifluoroethane	28	250		U
75-01-4	Vinyl chloride	55	500		U

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V1PBLK0509LC	102	102	93	103	0
02	V1PBLK0509	106	112	94	106	0
03	46SB3201	105	100	96	106	0
04	46SB3602	105	104	96	105	0
05	46SB3801	55*	99	95	108	1
06	46SB3901	56*	102	94	107	1
07	46SB4102	107	102	96	105	0
08	46SB3702	103	104	96	106	0
09	46SB3502	85	104	94	107	0
10	46SB3801RE	56*	101	95	106	1
11	46SB3901RE	64*	102	96	107	1
12	46SB402	67*	100	96	106	1
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		EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM)	= Dibromofluoromethane	(85-130)	30
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(85-130)	30
SMC3 (TOL)	= Toluene-d8	(85-115)	30
SMC4 (BFB)	= Bromofluorobenzene	(85-120)	30

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

Recovery of surrogate dibromofluoromethane below limits due to high pH of sample.

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Level: (low/med) MED

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	46SB3301	102	100	96	108	0
02	46SB3401	101	99	96	106	0
03						
04						
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		EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM)	= Dibromofluoromethane	(85-130)	1500
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(85-130)	1500
SMC3 (TOL)	= Toluene-d8	(85-115)	1500
SMC4 (BFB)	= Bromofluorobenzene	(85-120)	1500

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix Spike - Client Sample No.: V1PBLK0509 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	59.63	119	85-140
Bromoform	50.00	0.0000	54.68	109	70-125
Bromomethane	50.00	0.0000	61.16	122	45-170
Carbon tetrachloride	50.00	0.0000	56.06	112	75-125
Chlorobenzene	50.00	0.0000	48.23	96	75-120
Chloroethane	50.00	0.0000	53.71	107	55-145
Chloroform	50.00	0.0000	53.86	108	75-125
Chloromethane	50.00	0.0000	48.98	98	40-155
Dibromochloromethane	50.00	0.0000	54.64	109	70-125
1,2-Dibromo-3-chloropro	50.00	0.0000	56.57	113	60-135
1,2-Dibromoethane	50.00	0.0000	53.77	108	75-125
1,2-Dichlorobenzene	50.00	0.0000	52.28	104	75-120
1,3-Dichlorobenzene	50.00	0.0000	55.29	110	70-120
1,4-Dichlorobenzene	50.00	0.0000	47.33	95	60-135
Dichlorodifluoromethane	50.00	0.0000	41.45	83	15-150
1,1-Dichloroethane	50.00	0.0000	55.30	111	75-130
1,2-Dichloroethane	50.00	0.0000	57.68	115	75-135
1,1-Dichloroethene	50.00	0.0000	57.01	114	65-115
cis-1,2-Dichloroethene	50.00	0.0000	55.74	111	75-120
trans-1,2-Dichloroethen	50.00	0.0000	54.70	109	75-120
1,2-Dichloropropane	50.00	0.0000	56.97	114	75-120
cis-1,3-Dichloropropene	50.00	0.0000	58.42	117	80-130
trans-1,3-Dichloroprope	50.00	0.0000	50.80	102	65-120
Methylene chloride	50.00	7.688	57.89	100	35-170
1,1,2,2-Tetrachloroetha	50.00	0.0000	54.19	108	65-130
Tetrachloroethene	50.00	0.0000	48.63	97	65-125
1,2,4-Trichlorobenzene	50.00	0.0000	53.38	107	65-125
1,1,1-Trichloroethane	50.00	0.0000	55.85	112	75-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Matrix Spike - Client Sample No.: V1PBLK0509 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	53.37	107	70-130
Trichloroethene	50.00	1.413	55.99	109	75-120
Trichlorofluoromethane	50.00	0.0000	52.56	105	65-130
Trichlorotrifluoroethan	50.00	0.0000	58.80	118	70-140
Vinyl chloride	50.00	0.0000	52.57	105	40-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Lab File ID: V1BFB01 BFB Injection Date: 04/19/06

Instrument ID: VOA1 BFB Injection Time: 1142

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	46.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	69.5
175	5.0 - 9.0% of mass 174	5.3 (7.5)1
176	95.0 - 101.0% of mass 174	69.2 (99.5)1
177	5.0 - 9.0% of mass 176	4.8 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V1STD200PPB	V1STD200PPB	V1STD07	04/19/06	1254
02	V1STD100PPB	V1STD100PPB	V1STD06	04/19/06	1331
03	V1STD50PPB	V1STD50PPB	V1STD05	04/19/06	1407
04	V1STD20PPB	V1STD20PPB	V1STD04	04/19/06	1519
05	V1STD10PPB	V1STD10PPB	V1STD03	04/19/06	1555
06	V1STD5PPB	V1STD5PPB	V1STD02	04/19/06	1631
07	V1STD2PPB	V1STD2PPB	V1STD01	04/19/06	1707
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FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Instrument ID: VOA1 Calibration Date(s): 04/19/06 04/19/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1218 1707

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromodichloromethane	AVRG		0.39940749		2.4
Bromoform	AVRG		0.49576610		7.3
Bromomethane	AVRG		0.25869929		10.6
Carbon tetrachloride	AVRG		0.37457000		2.6
Chlorobenzene	2ORDR	0.00000000	0.46162155	1.196e-002	1.000
Chloroethane	AVRG		0.28965502		9.0
Chloroform	AVRG		0.59881903		7.4
Chloromethane	AVRG		0.50114843		9.2
Dibromochloromethane	AVRG		0.60355398		5.4
1,2-Dibromo-3-chloropropane	AVRG		0.15379122		9.5
1,2-Dibromoethane	AVRG		0.58212324		7.4
1,2-Dichlorobenzene	AVRG		1.65773694		3.3
1,3-Dichlorobenzene	AVRG		2.01424833		6.1
1,4-Dichlorobenzene	AVRG		1.99929945		10.7
Dichlorodifluoromethane	AVRG		0.36483274		4.6
1,1-Dichloroethane	AVRG		0.62339063		4.5
1,2-Dichloroethane	AVRG		0.34719661		4.4
1,1-Dichloroethene	AVRG		0.31213190		2.6
cis-1,2-Dichloroethene	AVRG		0.37949243		4.5
trans-1,2-Dichloroethene	AVRG		0.36859578		5.9
1,2-Dichloropropane	AVRG		0.35275463		5.0
cis-1,3-Dichloropropene	AVRG		0.53447589		4.8
trans-1,3-Dichloropropene	AVRG		1.06753064		7.3
Methylene chloride	2ORDR	0.00000000	2.23014296	0.23832718	0.997
1,1,2,2-Tetrachloroethane	AVRG		0.99905520		6.7
Tetrachloroethene	AVRG		0.75652219		5.6
1,2,4-Trichlorobenzene	AVRG		1.06453110		3.3
1,1,1-Trichloroethane	AVRG		0.45280824		3.4
1,1,2-Trichloroethane	AVRG		0.50699669		7.6
Trichloroethene	AVRG		0.35001424		5.6
Trichlorofluoromethane	AVRG		0.44290454		2.0
Trichlorotrifluoroethane	AVRG		0.31224062		1.2
Vinyl chloride	AVRG		0.45370256		3.4
Dibromofluoromethane	AVRG		0.25514477		1.4
1,2-Dichloroethane-d4	AVRG		6.461e-002		3.2
Toluene-d8	AVRG		2.17083766		4.4

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Instrument ID: VOA1 Calibration Date(s): 04/19/06 04/19/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1218 1707

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromofluorobenzene	AVRG		0.80849510		5.1

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Lab File ID: V1BFB01 BFB Injection Date: 05/09/06

Instrument ID: VOA1 BFB Injection Time: 0950

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.4
75	30.0 - 60.0% of mass 95	45.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	63.8
175	5.0 - 9.0% of mass 174	5.1 (8.0)1
176	95.0 - 101.0% of mass 174	63.1 (98.9)1
177	5.0 - 9.0% of mass 176	4.0 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V1STD50PPB	V1STD50PPB	V1CCV01	05/09/06	1027
02	V1PBLK0509LC	V1PBLK0509LCS	V1LCS01	05/09/06	1103
03	V1PBLK0509	V1PBLK0509	V1PBLK01	05/09/06	1220
04	46SB3301	0605103-01	0510301M	05/09/06	1256
05	46SB3201	0605103-02	0510302A	05/09/06	1332
06	46SB3602	0605103-04	0510304A	05/09/06	1445
07	46SB3801	0605103-05	0510305A	05/09/06	1521
08	46SB3901	0605103-06	0510306A	05/09/06	1557
09	46SB4102	0605103-07	0510307A	05/09/06	1634
10	46SB3702	0605103-09	0510309A	05/09/06	1710
11	46SB3502	0605103-03	0510303B	05/09/06	1746
12	46SB3801RE	0605103-05	0510305B	05/09/06	1823
13	46SB3901RE	0605103-06	0510306B	05/09/06	1859
14	46SB402	0605103-08	0510308A	05/09/06	1936
15	46SB3401	0605103-10	0510310M	05/09/06	2125
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Instrument ID: VOA1 Calibration Date: 05/09/06 Time: 1027

Lab File ID: V1CCV01 Init. Calib. Date(s): 04/19/06 04/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 1218 1707

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.399	0.467	50.00	58.41		AVRG	16.8	
Bromoform	0.496	0.526	50.00	53.08	0.100	AVRG	6.2	
Bromomethane	0.259	0.330	50.00	63.87		AVRG	27.7	
Carbon tetrachloride	0.374	0.433	50.00	57.76		AVRG	15.5	
Chlorobenzene	2.355	1.972	50.00	49.39	0.300	2ORDR	-1.2	
Chloroethane	0.290	0.335	50.00	57.76		AVRG	15.5	
Chloroform	0.599	0.669	50.00	55.89		AVRG	11.8	20.0
Chloromethane	0.501	0.536	50.00	53.47	0.100	AVRG	6.9	
Dibromochloromethane	0.603	0.623	50.00	51.61		AVRG	3.2	
1,2-Dibromo-3-chloropropane	0.154	0.159	50.00	51.71		AVRG	3.4	
1,2-Dibromoethane	0.582	0.611	50.00	52.51		AVRG	5.0	
1,2-Dichlorobenzene	1.658	1.746	50.00	52.67		AVRG	5.3	
1,3-Dichlorobenzene	2.014	2.004	50.00	49.75		AVRG	-0.5	
1,4-Dichlorobenzene	1.999	1.950	50.00	48.76		AVRG	-2.5	
Dichlorodifluoromethane	0.365	0.368	50.00	50.50		AVRG	1.0	
1,1-Dichloroethane	0.623	0.715	50.00	57.32	0.100	AVRG	14.6	
1,2-Dichloroethane	0.347	0.396	50.00	57.11		AVRG	14.2	
1,1-Dichloroethene	0.312	0.360	50.00	57.65		AVRG	15.3	20.0
cis-1,2-Dichloroethene	0.379	0.428	50.00	56.38		AVRG	12.8	
trans-1,2-Dichloroethene	0.369	0.419	50.00	56.89		AVRG	13.8	
1,2-Dichloropropane	0.353	0.400	50.00	56.76		AVRG	13.5	20.0
cis-1,3-Dichloropropene	0.534	0.634	50.00	59.27		AVRG	18.5	
trans-1,3-Dichloropropene	1.067	1.133	50.00	53.06		AVRG	6.1	
Methylene chloride	0.707	0.481	50.00	58.28		2ORDR	16.6	
1,1,2,2-Tetrachloroethane	0.999	1.016	50.00	50.84	0.300	AVRG	1.7	
Tetrachloroethene	0.756	0.768	50.00	50.77		AVRG	1.5	
1,2,4-Trichlorobenzene	1.064	1.145	50.00	53.76		AVRG	7.5	
1,1,1-Trichloroethane	0.453	0.530	50.00	58.53		AVRG	17.0	
1,1,2-Trichloroethane	0.507	0.528	50.00	52.10		AVRG	4.2	
Trichloroethene	0.350	0.404	50.00	57.77		AVRG	15.5	
Trichlorofluoromethane	0.443	0.490	50.00	55.29		AVRG	10.6	
Trichlorotrifluoroethane	0.312	0.358	50.00	57.30		AVRG	14.6	
Vinyl chloride	0.453	0.520	50.00	57.28		AVRG	14.6	20.0
Dibromofluoromethane	0.255	0.255	30.00	29.94		AVRG	-0.2	
1,2-Dichloroethane-d4	0.064	0.066	30.00	30.46		AVRG	1.5	
Toluene-d8	2.171	2.010	30.00	27.78		AVRG	-7.4	

Empirical Laboratories

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Instrument ID: VOA1 Calibration Date: 05/09/06 Time: 1027

Lab File ID: V1CCV01 Init. Calib. Date(s): 04/19/06 04/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 1218 1707

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.808	0.829	30.00	30.75		AVRG	2.5	

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05103

Lab File ID (Standard): V1CCV01 Date Analyzed: 05/09/06

Instrument ID: VOA1 Time Analyzed: 1027

GC Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) Y

		IS1(FLB) AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	648446	15.16	299942	20.08	215940	23.81
	UPPER LIMIT	1296892	15.66	599884	20.58	431880	24.31
	LOWER LIMIT	324223	14.66	149971	19.58	107970	23.31
	CLIENT SAMPLE NO.						
01	V1PBLK0509LC	644802	15.16	297173	20.08	213427	23.83
02	V1PBLK0509	638756	15.17	289598	20.09	228093	23.84
03	46SB3301	618270	15.17	271828	20.09	208487	23.83
04	46SB3201	636345	15.17	280260	20.10	210763	23.84
05	46SB3602	612691	15.17	272339	20.10	210786	23.83
06	46SB3801	637036	15.17	286047	20.10	219986	23.82
07	46SB3901	625201	15.17	278786	20.10	215629	23.82
08	46SB4102	600389	15.17	268348	20.11	200102	23.85
09	46SB3702	585029	15.18	262276	20.11	202510	23.86
10	46SB3502	571283	15.20	257437	20.11	200439	23.86
11	46SB3801RE	592970	15.19	266246	20.11	204823	23.85
12	46SB3901RE	575673	15.18	259076	20.11	201140	23.85
13	46SB402	569754	15.18	252286	20.11	198497	23.85
14	46SB3401	577313	15.17	252255	20.09	196227	23.83
15							
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22							

IS1 (FLB) = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **MR. G. WALKER** **DATE:** **JUNE 30, 2006**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SELECT VOAs**
CTO 367, NAS PENSACOLA
SDG 0605104

SAMPLES: 24/Solid

46SB3202	46SB3203	46SB3302	46SB3303
46SB3402	46SB3403	46SB3501	46SB3501D
46SB3503	46SB3601	46SB3603	46SB3701
46SB3701D	46SB3703	46SB3802	46SB3803
46SB3902	46SB3902D	46SB3903	46SB4001
46SB4003	46SB4101	46SB4103	46TB0508

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG 0605104 consists of one (1) trip blank and twenty-three (23) soild environmental samples. Three field duplicates were included with this SDG: 46SB3501 / 46SB3501D, 46SB3701 / 46SB3701D, and 46SB3902 / 46SB3902D. The samples were analyzed for halogenated volatile organic compounds (VOC).

The samples were collected by TetraTech NUS on May 8, 2006 and analyzed by Empirical Laboratories. All analyses were conducted in accordance with SW-846 Method 8260B analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

*	• Data completeness
*	• Holding times
*	• GC/MS Tuning
	• Initial and continuing calibration
	• Blank results
	• Surrogate spike recoveries
*	• Internal standard recoveries
*	• Blank Spike/Blank Spike Duplicate Results
	• Matrix Spike/Matrix Spike Duplicate Results
*	• Field Duplicate Results
*	• Detection Limits
*	• Compound Quantitation
*	• Compound Identification

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A.

Volatiles

The following compounds were detected in the method blanks at the maximum concentrations listed below:

Compound	Maximum Concentration	Blank Action Level
Trichloroethene[1]	0.77 ug/kg	3.85 ug/kg
1,2-Dichlorobenzene[1]	0.31 ug/kg	1.55 ug/kg
1,3-Dichlorobenzene[1]	0.30 ug/kg	1.5 ug/kg
1,4-Dichlorobenzene[1]	0.26 ug/kg	1.3 ug/kg
1,2,4-Trichlorobenzene[1]	0.60 ug/kg	3.0 ug/kg
Bromomethane[2]	34 ug/kg	170 ug/kg
Chloromethane[2]	45 ug/kg	225 ug/kg
Trichloroethene[2]	29 ug/kg	145 ug/kg

1 – Maximum concentration from low level method blanks.
2 – Maximum concentration from medium level blank.

An action level of 5X the maximum contaminant concentration was established to evaluate laboratory contamination for all compounds. Dilution factors, percent solids, and sample aliquots were taken into consideration during the application of all action levels. The affected positive results were qualified (U) as a result of blank contamination for 1,2-dichlorobenzene, 1,4-dichlorobenzene, trichloroethene, 1,2,4-trichlorobenzene, and chloromethane. No qualification of the trip blank was taken based on method blank contamination.

A continuing calibration analyzed on instrument VOA4 on 05/19/06 @ 08:40 had a percent difference (%D) greater than the 25% quality control limit for bromomethane. The non-detected results for bromomethane in the affected samples were qualified as estimated, (UJ).

A continuing calibration analyzed on instrument VOA4 on 05/19/06 @ 20:34 had a percent difference (%D) greater than the 25% quality control limit for trichlorotrifluoroethane. The non-detected results for trichlorotrifluoroethane in the affected samples were qualified as estimated, (UJ).

A continuing calibration analyzed on instrument VOA4 on 05/20/06 @ 08:09 had a percent difference (%D) greater than the 25% quality control limit for bromomethane. The non-detected result for bromomethane in the sample 46SB3701 was qualified as estimated, (UJ).

A continuing calibration analyzed on instrument VOA5 on 05/11/06 @ 12:59 had a percent difference (%D) greater than the 25% quality control limit for dichlorodifluoromethane. The non-detected results for dichlorodifluoromethane in the affected samples were qualified as estimated, (UJ).

The surrogate dibromofluoromethane had percent recoveries less than the quality control limits for the following samples: 46SB3501D, 46SB3503, 46SB3601, 46SB3902, 46SB3902D, 46SB3903, 46SB4001, 46SB3701D, and 46SB3701. The positive and non-detected results for the aforementioned samples have been qualified as estimated (J) and (UJ), respectively.

The matrix spike / matrix spike duplicate (MS/MSD) performed on sample 46SB3402 had percent recoveries greater than the quality control limits for bromoform, carbon tetrachloride, chloroform, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,1-dichloroethane, 1,2-dichloroethane, 1,1,1-trichloroethane, and trichlorotrifluoroethane. No action was taken on this basis because the MSD and LCS's had acceptable recoveries.

Additional Comments:

Samples 46SB3302, 46SB3303, 46SB3402, and 46SB3403 were analyzed as medium level soils and 46SB3303 at a 8X dilution because of concentrations greater than the linear range of the instrument for several compounds.

The medium level method blank associated with this SDG was prepared by the analyst using methanol from Empirical Laboratories. The methanol used in preparing the sample vials coming from the field is from

TerraCore. The brand of methanol used by Empirical Laboratories may or may not be the same brand of methanol used to prepare the sample vials by TerraCore. The medium level blank prepared by Empirical Laboratories was used to establish blank contamination in the environmental samples.

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several compounds exceeded calibration %D criterion, resulting in qualification of data. Several compounds were detected in the method blanks resulting in qualification of the data.

Other Factors Affecting Data Quality: Surrogate non-compliances resulted in qualification of the data.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM for Environmental Laboratories.

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3202
samp_date	5/8/2006
lab_id	0605104-03
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	0.38	U	U	
1,1,2-TRICHLOROETHANE	0.58	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	U	
1,1-DICHLOROETHANE	0.48	U	U	
1,1-DICHLOROETHENE	0.38	U	U	
1,2,4-TRICHLOROBENZENE	0.36	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	U	
1,2-DIBROMOETHANE	0.66	U	U	
1,2-DICHLOROBENZENE	0.35	I	U	A
1,2-DICHLOROETHANE	0.5	U	U	
1,2-DICHLOROPROPANE	0.67	U	U	
1,3-DICHLOROBENZENE	0.27	U	U	
1,4-DICHLOROBENZENE	0.22	I	U	A
BROMODICHLOROMETHANE	0.26	U	U	
BROMOFORM	0.69	U	U	
BROMOMETHANE	0.48	U	UJ	C
CARBON TETRACHLORIDE	0.28	U	U	
CHLOROBENZENE	2.9	U	U	
CHLORODIBROMOMETHANE	0.28	U	U	
CHLOROETHANE	0.47	U	U	
CHLOROFORM	0.5	U	U	
CHLOROMETHANE	0.7	I	J	P
CIS-1,2-DICHLOROETHENE	0.32	U	U	
CIS-1,3-DICHLOROPROPENE	0.41	U	U	
DICHLORODIFLUOROMETHANE	0.35	U	U	
METHYLENE CHLORIDE	1.3	U	U	
TETRACHLOROETHENE	0.25	U	U	
TRANS-1,2-DICHLOROETHENE	0.64	U	U	
TRANS-1,3-DICHLOROPROPENE	0.43	U	U	
TRICHLOROETHENE	2.4	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	U	

nsample	46SB3202
samp_date	5/8/2006
lab_id	0605104-03
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.55	U	U	

nsample	46SB3203
samp_date	5/8/2006
lab_id	0605104-04
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.43	U	U	
1,1,2,2-TETRACHLOROETHANE	0.4	U	U	
1,1,2-TRICHLOROETHANE	0.62	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.46	U	U	
1,1-DICHLOROETHANE	0.52	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2,4-TRICHLOROBENZENE	0.39	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.86	U	U	
1,2-DIBROMOETHANE	0.71	U	U	
1,2-DICHLOROBENZENE	0.29	U	U	
1,2-DICHLOROETHANE	0.54	U	U	
1,2-DICHLOROPROPANE	0.72	U	U	
1,3-DICHLOROBENZENE	0.29	U	U	
1,4-DICHLOROBENZENE	0.23	U	U	
BROMODICHLOROMETHANE	0.28	U	U	
BROMOFORM	0.75	U	U	
BROMOMETHANE	0.52	U	UJ	C
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	3.2	U	U	
CHLORODIBROMOMETHANE	0.3	U	U	
CHLOROETHANE	0.51	U	U	
CHLOROFORM	0.54	U	U	
CHLOROMETHANE	0.58	I	J	P
CIS-1,2-DICHLOROETHENE	0.34	U	U	
CIS-1,3-DICHLOROPROPENE	0.44	U	U	
DICHLORODIFLUOROMETHANE	0.38	U	U	
METHYLENE CHLORIDE	1.4	U	U	
TETRACHLOROETHENE	0.27	U	U	
TRANS-1,2-DICHLOROETHENE	0.7	U	U	
TRANS-1,3-DICHLOROPROPENE	0.47	U	U	
TRICHLOROETHENE	1.8	IV	U	A
TRICHLOROFLUOROMETHANE	0.52	U	U	

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3203
samp_date	5/8/2006
lab_id	0605104-04
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.6	U	U	

nsample	46SB3302
samp_date	5/8/2006
lab_id	0605104-01
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	220	I	J	P
1,1,2,2-TETRACHLOROETHANE	170	U	U	
1,1,2-TRICHLOROETHANE	260	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	190	U	U	
1,1-DICHLOROETHANE	220	U	U	
1,1-DICHLOROETHENE	170	U	U	
1,2,4-TRICHLOROBENZENE	170	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	360	U	U	
1,2-DIBROMOETHANE	300	U	U	
1,2-DICHLOROBENZENE	120	U	U	
1,2-DICHLOROETHANE	230	U	U	
1,2-DICHLOROPROPANE	300	U	U	
1,3-DICHLOROBENZENE	120	U	U	
1,4-DICHLOROBENZENE	96	U	U	
BROMODICHLOROMETHANE	120	U	U	
BROMOFORM	320	U	U	
BROMOMETHANE	220	U	U	
CARBON TETRACHLORIDE	130	U	U	
CHLOROBENZENE	1300	U	U	
CHLORODIBROMOMETHANE	130	U	U	
CHLOROETHANE	210	U	U	
CHLOROFORM	230	U	U	
CHLOROMETHANE	420	IV	J	P
CIS-1,2-DICHLOROETHENE	650	I	J	P
CIS-1,3-DICHLOROPROPENE	190	U	U	
DICHLORODIFLUOROMETHANE	160	U	U	
METHYLENE CHLORIDE	1800	I	J	P
TETRACHLOROETHENE	150	I	J	P
TRANS-1,2-DICHLOROETHENE	290	U	U	
TRANS-1,3-DICHLOROPROPENE	200	U	U	
TRICHLOROETHENE	26000			
TRICHLOROFLUOROMETHANE	220	U	UJ	C

nsample	46SB3302
samp_date	5/8/2006
lab_id	0605104-01
qc_type	NM
units	UG/KG
Pct_Solids	91.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	250	U	U	

nsample	46SB3303
samp_date	5/8/2006
lab_id	0605104-02
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	22	I	J	P
1,1,2,2-TETRACHLOROETHANE	21	U	U	
1,1,2-TRICHLOROETHANE	32	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	23	U	U	
1,1-DICHLOROETHANE	26	U	U	
1,1-DICHLOROETHENE	21	U	U	
1,2,4-TRICHLOROBENZENE	20	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	44	U	U	
1,2-DIBROMOETHANE	36	U	U	
1,2-DICHLOROBENZENE	27	I	J	P
1,2-DICHLOROETHANE	28	U	U	
1,2-DICHLOROPROPANE	37	U	U	
1,3-DICHLOROBENZENE	15	U	U	
1,4-DICHLOROBENZENE	12	U	U	
BROMODICHLOROMETHANE	14	U	U	
BROMOFORM	38	U	U	
BROMOMETHANE	26	U	U	
CARBON TETRACHLORIDE	15	U	U	
CHLOROBENZENE	160	U	U	
CHLORODIBROMOMETHANE	15	U	U	
CHLOROETHANE	26	U	U	
CHLOROFORM	28	U	U	
CHLOROMETHANE	23	U	U	
CIS-1,2-DICHLOROETHENE	31	I	J	P
CIS-1,3-DICHLOROPROPENE	22	U	U	
DICHLORODIFLUOROMETHANE	19	U	U	
METHYLENE CHLORIDE	350	I	J	P
TETRACHLOROETHENE	26	I	J	P
TRANS-1,2-DICHLOROETHENE	35	U	U	
TRANS-1,3-DICHLOROPROPENE	24	U	U	
TRICHLOROETHENE	1900			
TRICHLOROFLUOROMETHANE	26	U	UJ	C

nsample	46SB3303
samp_date	5/8/2006
lab_id	0605104-02
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	30	U	U	

nsample	46SB3402
samp_date	5/8/2006
lab_id	0605104-22
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	26	I	J	P
1,1,2,2-TETRACHLOROETHANE	19	U	U	
1,1,2-TRICHLOROETHANE	29	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	21	U	U	
1,1-DICHLOROETHANE	24	U	U	
1,1-DICHLOROETHENE	19	U	U	
1,2,4-TRICHLOROBENZENE	25	I	J	P
1,2-DIBROMO-3-CHLOROPROPANE	40	U	U	
1,2-DIBROMOETHANE	33	U	U	
1,2-DICHLOROBENZENE	230	I	J	P
1,2-DICHLOROETHANE	25	U	U	
1,2-DICHLOROPROPANE	33	U	U	
1,3-DICHLOROBENZENE	14	I	J	P
1,4-DICHLOROBENZENE	100	I	J	P
BROMODICHLOROMETHANE	13	U	U	
BROMOFORM	34	U	U	
BROMOMETHANE	24	U	U	
CARBON TETRACHLORIDE	14	U	U	
CHLOROBENZENE	150	U	U	
CHLORODIBROMOMETHANE	14	U	U	
CHLOROETHANE	23	U	U	
CHLOROFORM	25	U	U	
CHLOROMETHANE	21	U	U	
CIS-1,2-DICHLOROETHENE	16	U	U	
CIS-1,3-DICHLOROPROPENE	20	U	U	
DICHLORODIFLUOROMETHANE	18	U	U	
METHYLENE CHLORIDE	530	I	J	P
TETRACHLOROETHENE	85	I	J	P
TRANS-1,2-DICHLOROETHENE	32	U	U	
TRANS-1,3-DICHLOROPROPENE	22	U	U	
TRICHLOROETHENE	1400			
TRICHLOROFLUOROMETHANE	24	U	UJ	C

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3402
samp_date	5/8/2006
lab_id	0605104-22
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	28	U	U	

nsample	46SB3403
samp_date	5/8/2006
lab_id	0605104-23
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	42	I	J	P
1,1,2,2-TETRACHLOROETHANE	18	U	U	
1,1,2-TRICHLOROETHANE	28	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	21	U	U	
1,1-DICHLOROETHANE	24	U	U	
1,1-DICHLOROETHENE	18	U	U	
1,2,4-TRICHLOROBENZENE	45	I	J	P
1,2-DIBROMO-3-CHLOROPROPANE	39	U	U	
1,2-DIBROMOETHANE	32	U	U	
1,2-DICHLOROBENZENE	590			
1,2-DICHLOROETHANE	25	U	U	
1,2-DICHLOROPROPANE	33	U	U	
1,3-DICHLOROBENZENE	22	I	J	P
1,4-DICHLOROBENZENE	180	I	J	P
BROMODICHLOROMETHANE	13	U	U	
BROMOFORM	34	U	U	
BROMOMETHANE	24	U	U	
CARBON TETRACHLORIDE	14	U	U	
CHLOROBENZENE	140	U	U	
CHLORODIBROMOMETHANE	14	U	U	
CHLOROETHANE	23	U	U	
CHLOROFORM	25	U	U	
CHLOROMETHANE	45	IV	U	A
CIS-1,2-DICHLOROETHENE	16	U	U	
CIS-1,3-DICHLOROPROPENE	20	U	U	
DICHLORODIFLUOROMETHANE	17	U	U	
METHYLENE CHLORIDE	330	I	J	P
TETRACHLOROETHENE	140	I	J	P
TRANS-1,2-DICHLOROETHENE	32	U	U	
TRANS-1,3-DICHLOROPROPENE	21	U	U	
TRICHLOROETHENE	900			
TRICHLOROFLUOROMETHANE	24	U	UJ	C

nsample	46SB3403
samp_date	5/8/2006
lab_id	0605104-23
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	27	U	U	

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3501
samp_date	5/8/2006
lab_id	0605104-05
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	0.38	U	U	
1,1,2-TRICHLOROETHANE	0.57	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	U	
1,1-DICHLOROETHANE	0.48	U	U	
1,1-DICHLOROETHENE	0.38	U	U	
1,2,4-TRICHLOROBENZENE	0.36	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	U	
1,2-DIBROMOETHANE	0.66	U	U	
1,2-DICHLOROBENZENE	0.27	U	U	
1,2-DICHLOROETHANE	0.5	U	U	
1,2-DICHLOROPROPANE	0.67	U	U	
1,3-DICHLOROBENZENE	0.27	U	U	
1,4-DICHLOROBENZENE	0.21	U	U	
BROMODICHLOROMETHANE	0.26	U	U	
BROMOFORM	0.69	U	U	
BROMOMETHANE	0.48	U	UJ	C
CARBON TETRACHLORIDE	0.28	U	U	
CHLOROBENZENE	2.9	U	U	
CHLORODIBROMOMETHANE	0.28	U	U	
CHLOROETHANE	0.47	U	U	
CHLOROFORM	0.5	U	U	
CHLOROMETHANE	0.5	I	J	P
CIS-1,2-DICHLOROETHENE	0.32	U	U	
CIS-1,3-DICHLOROPROPENE	0.41	U	U	
DICHLORODIFLUOROMETHANE	0.35	U	U	
METHYLENE CHLORIDE	1.3	U	U	
TETRACHLOROETHENE	0.25	U	U	
TRANS-1,2-DICHLOROETHENE	0.64	U	U	
TRANS-1,3-DICHLOROPROPENE	0.43	U	U	
TRICHLOROETHENE	2	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	U	

nsample	46SB3501
samp_date	5/8/2006
lab_id	0605104-05
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.55	U	U	

nsample	46SB3501D
samp_date	5/8/2006
lab_id	0605104-06
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3501

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.38	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.36	U	UJ	R
1,1,2-TRICHLOROETHANE	0.55	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.4	U	UJ	R
1,1-DICHLOROETHANE	0.46	U	UJ	R
1,1-DICHLOROETHENE	0.36	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.35	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.77	U	UJ	R
1,2-DIBROMOETHANE	0.63	U	UJ	R
1,2-DICHLOROBENZENE	0.26	U	UJ	R
1,2-DICHLOROETHANE	0.48	U	UJ	R
1,2-DICHLOROPROPANE	0.64	U	UJ	R
1,3-DICHLOROBENZENE	0.26	U	UJ	R
1,4-DICHLOROBENZENE	0.2	U	UJ	R
BROMODICHLOROMETHANE	0.25	U	UJ	R
BROMOFORM	0.66	U	UJ	R
BROMOMETHANE	0.46	U	UJ	CR
CARBON TETRACHLORIDE	0.27	U	UJ	R
CHLOROBENZENE	2.8	U	UJ	R
CHLORODIBROMOMETHANE	0.27	U	UJ	R
CHLOROETHANE	0.45	U	UJ	R
CHLOROFORM	0.48	U	UJ	R
CHLOROMETHANE	0.47	I	J	PR
CIS-1,2-DICHLOROETHENE	0.3	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.39	U	UJ	R
DICHLORODIFLUOROMETHANE	0.34	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.24	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.62	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.42	U	UJ	R
TRICHLOROETHENE	1.8	IV	U	A
TRICHLOROFLUOROMETHANE	0.46	U	UJ	R

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3501D
samp_date	5/8/2006
lab_id	0605104-06
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3501

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.53	U	UJ	R

nsample	46SB3503
samp_date	5/8/2006
lab_id	0605104-07
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.38	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.35	U	UJ	R
1,1,2-TRICHLOROETHANE	0.54	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.4	U	UJ	R
1,1-DICHLOROETHANE	0.45	U	UJ	R
1,1-DICHLOROETHENE	0.35	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.34	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.75	U	UJ	R
1,2-DIBROMOETHANE	0.62	U	UJ	R
1,2-DICHLOROBENZENE	0.25	U	UJ	R
1,2-DICHLOROETHANE	0.48	U	UJ	R
1,2-DICHLOROPROPANE	0.63	U	UJ	R
1,3-DICHLOROBENZENE	0.25	U	UJ	R
1,4-DICHLOROBENZENE	0.2	U	UJ	R
BROMODICHLOROMETHANE	0.24	U	UJ	R
BROMOFORM	0.65	U	UJ	R
BROMOMETHANE	0.45	U	UJ	CR
CARBON TETRACHLORIDE	0.27	U	UJ	R
CHLOROBENZENE	2.8	U	UJ	R
CHLORODIBROMOMETHANE	0.27	U	UJ	R
CHLOROETHANE	0.44	U	UJ	R
CHLOROFORM	0.48	U	UJ	R
CHLOROMETHANE	0.4	U	UJ	R
CIS-1,2-DICHLOROETHENE	0.3	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.39	U	UJ	R
DICHLORODIFLUOROMETHANE	0.33	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.23	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.61	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.41	U	UJ	R
TRICHLOROETHENE	2.2	IV	U	A
TRICHLOROFLUOROMETHANE	0.45	U	UJ	R

nsample	46SB3503
samp_date	5/8/2006
lab_id	0605104-07
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.52	U	UJ	R

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3601
samp_date	5/8/2006
lab_id	0605104-08
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.38	U	UJ	R
1,1,2-TRICHLOROETHANE	0.58	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	UJ	R
1,1-DICHLOROETHANE	0.48	U	UJ	R
1,1-DICHLOROETHENE	0.38	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.42	I	U	A
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	UJ	R
1,2-DIBROMOETHANE	0.66	U	UJ	R
1,2-DICHLOROBENZENE	0.27	U	UJ	R
1,2-DICHLOROETHANE	0.51	U	UJ	R
1,2-DICHLOROPROPANE	0.67	U	UJ	R
1,3-DICHLOROBENZENE	0.27	U	UJ	R
1,4-DICHLOROBENZENE	0.21	U	UJ	R
BROMODICHLOROMETHANE	0.26	U	UJ	R
BROMOFORM	0.7	U	UJ	R
BROMOMETHANE	0.48	U	UJ	CR
CARBON TETRACHLORIDE	0.28	U	UJ	R
CHLOROBENZENE	3	U	UJ	R
CHLORODIBROMOMETHANE	0.28	U	UJ	R
CHLOROETHANE	0.47	U	UJ	R
CHLOROFORM	0.51	U	UJ	R
CHLOROMETHANE	0.72	I	J	PR
CIS-1,2-DICHLOROETHENE	0.32	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.41	U	UJ	R
DICHLORODIFLUOROMETHANE	0.35	U	UJ	R
METHYLENE CHLORIDE	1.3	U	UJ	R
TETRACHLOROETHENE	0.25	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.65	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.44	U	UJ	R
TRICHLOROETHENE	1.3	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	UJ	R

nsample	46SB3601
samp_date	5/8/2006
lab_id	0605104-08
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.56	U	UJ	R

nsample	46SB3603
samp_date	5/8/2006
lab_id	0605104-09
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.39	U	U	
1,1,2,2-TETRACHLOROETHANE	0.37	U	U	
1,1,2-TRICHLOROETHANE	0.57	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	U	
1,1-DICHLOROETHANE	0.48	U	U	
1,1-DICHLOROETHENE	0.37	U	U	
1,2,4-TRICHLOROBENZENE	0.36	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.79	U	U	
1,2-DIBROMOETHANE	0.65	U	U	
1,2-DICHLOROBENZENE	0.27	U	U	
1,2-DICHLOROETHANE	0.5	U	U	
1,2-DICHLOROPROPANE	0.66	U	U	
1,3-DICHLOROBENZENE	0.27	U	U	
1,4-DICHLOROBENZENE	0.21	U	U	
BROMODICHLOROMETHANE	0.26	U	U	
BROMOFORM	0.68	U	U	
BROMOMETHANE	0.48	U	UJ	C
CARBON TETRACHLORIDE	0.28	U	U	
CHLOROBENZENE	2.9	U	U	
CHLORODIBROMOMETHANE	0.28	U	U	
CHLOROETHANE	0.46	U	U	
CHLOROFORM	0.5	U	U	
CHLOROMETHANE	0.42	U	U	
CIS-1,2-DICHLOROETHENE	0.31	U	U	
CIS-1,3-DICHLOROPROPENE	0.41	U	U	
DICHLORODIFLUOROMETHANE	0.35	U	U	
METHYLENE CHLORIDE	1.2	U	U	
TETRACHLOROETHENE	0.24	U	U	
TRANS-1,2-DICHLOROETHENE	0.64	U	U	
TRANS-1,3-DICHLOROPROPENE	0.43	U	U	
TRICHLOROETHENE	1.9	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	U	

nsample	46SB3603
samp_date	5/8/2006
lab_id	0605104-09
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.54	U	U	

nsample	46SB3701
samp_date	5/8/2006
lab_id	0605104-19
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.39	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.36	U	UJ	R
1,1,2-TRICHLOROETHANE	0.56	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U	UJ	R
1,1-DICHLOROETHANE	0.47	U	UJ	R
1,1-DICHLOROETHENE	0.36	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.35	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.78	U	UJ	R
1,2-DIBROMOETHANE	0.64	U	UJ	R
1,2-DICHLOROBENZENE	0.27	I	U	A
1,2-DICHLOROETHANE	0.49	U	UJ	R
1,2-DICHLOROPROPANE	0.65	U	UJ	R
1,3-DICHLOROBENZENE	0.26	U	UJ	R
1,4-DICHLOROBENZENE	0.2	U	UJ	R
BROMODICHLOROMETHANE	0.25	U	UJ	R
BROMOFORM	0.67	U	UJ	R
BROMOMETHANE	0.47	U	UJ	CR
CARBON TETRACHLORIDE	0.27	U	UJ	R
CHLOROBENZENE	2.8	U	UJ	R
CHLORODIBROMOMETHANE	0.27	U	UJ	R
CHLOROETHANE	0.46	U	UJ	R
CHLOROFORM	0.49	U	UJ	R
CHLOROMETHANE	0.59	I	UJ	~~PRA~~
CIS-1,2-DICHLOROETHENE	0.31	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.4	U	UJ	R
DICHLORODIFLUOROMETHANE	0.34	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.24	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.63	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.42	U	UJ	R
TRICHLOROETHENE	0.66	IV	U	A
TRICHLOROFLUOROMETHANE	0.47	U	UJ	R

6-27-06 JAS

nsample	46SB3701
samp_date	5/8/2006
lab_id	0605104-19
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.54	U	UJ	R

nsample	46SB3701D
samp_date	5/8/2006
lab_id	0605104-20
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3701D

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.38	U	UJ	R
1,1,2-TRICHLOROETHANE	0.57	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	UJ	R
1,1-DICHLOROETHANE	0.48	U	UJ	R
1,1-DICHLOROETHENE	0.38	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.36	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	UJ	R
1,2-DIBROMOETHANE	0.66	U	UJ	R
1,2-DICHLOROBENZENE	0.27	U	UJ	R
1,2-DICHLOROETHANE	0.5	U	UJ	R
1,2-DICHLOROPROPANE	0.67	U	UJ	R
1,3-DICHLOROBENZENE	0.27	U	UJ	R
1,4-DICHLOROBENZENE	0.21	U	UJ	R
BROMODICHLOROMETHANE	0.26	U	UJ	R
BROMOFORM	0.69	U	UJ	R
BROMOMETHANE	0.48	U	UJ	R
CARBON TETRACHLORIDE	0.28	U	UJ	R
CHLOROBENZENE	2.9	U	UJ	R
CHLORODIBROMOMETHANE	0.28	U	UJ	R
CHLOROETHANE	0.47	U	UJ	R
CHLOROFORM	0.5	U	UJ	R
CHLOROMETHANE	0.6	I	J	PR
CIS-1,2-DICHLOROETHENE	0.32	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.41	U	UJ	R
DICHLORODIFLUOROMETHANE	0.35	U	UJ	R
METHYLENE CHLORIDE	1.3	U	UJ	R
TETRACHLOROETHENE	0.25	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.64	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.43	U	UJ	R
TRICHLOROETHENE	0.48	U	UJ	R
TRICHLOROFLUOROMETHANE	0.48	U	UJ	CR

nsample	46SB3701D
samp_date	5/8/2006
lab_id	0605104-20
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3701D

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.55	U	UJ	R

nsample	46SB3703
samp_date	5/8/2006
lab_id	0605104-21
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.43	U	U	
1,1,2,2-TETRACHLOROETHANE	0.4	U	U	
1,1,2-TRICHLOROETHANE	0.62	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.45	U	U	
1,1-DICHLOROETHANE	0.52	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2,4-TRICHLOROBENZENE	0.39	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.86	U	U	
1,2-DIBROMOETHANE	0.71	U	U	
1,2-DICHLOROBENZENE	0.29	U	U	
1,2-DICHLOROETHANE	0.54	U	U	
1,2-DICHLOROPROPANE	0.72	U	U	
1,3-DICHLOROBENZENE	0.29	U	U	
1,4-DICHLOROBENZENE	0.23	U	U	
BROMODICHLOROMETHANE	0.28	U	U	
BROMOFORM	0.74	U	U	
BROMOMETHANE	0.52	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	3.2	U	U	
CHLORODIBROMOMETHANE	0.3	U	U	
CHLOROETHANE	0.5	U	U	
CHLOROFORM	0.54	U	U	
CHLOROMETHANE	0.45	U	U	
CIS-1,2-DICHLOROETHENE	0.34	U	U	
CIS-1,3-DICHLOROPROPENE	0.44	U	U	
DICHLORODIFLUOROMETHANE	0.38	U	U	
METHYLENE CHLORIDE	1.4	U	U	
TETRACHLOROETHENE	0.26	U	U	
TRANS-1,2-DICHLOROETHENE	0.69	U	U	
TRANS-1,3-DICHLOROPROPENE	0.47	U	U	
TRICHLOROETHENE	0.82	IV	U	A
TRICHLOROFLUOROMETHANE	0.52	U	UJ	C

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3703
samp_date	5/8/2006
lab_id	0605104-21
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.59	U	U	

nsample	46SB3802
samp_date	5/8/2006
lab_id	0605104-10
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.37	U	U	
1,1,2,2-TETRACHLOROETHANE	0.35	U	U	
1,1,2-TRICHLOROETHANE	0.53	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.39	U	U	
1,1-DICHLOROETHANE	0.44	U	U	
1,1-DICHLOROETHENE	0.35	U	U	
1,2,4-TRICHLOROBENZENE	0.34	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.74	U	U	
1,2-DIBROMOETHANE	0.61	U	U	
1,2-DICHLOROBENZENE	0.25	U	U	
1,2-DICHLOROETHANE	0.47	U	U	
1,2-DICHLOROPROPANE	0.62	U	U	
1,3-DICHLOROBENZENE	0.25	U	U	
1,4-DICHLOROBENZENE	0.2	U	U	
BROMODICHLOROMETHANE	0.24	U	U	
BROMOFORM	0.64	U	U	
BROMOMETHANE	0.44	U	UJ	C
CARBON TETRACHLORIDE	0.26	U	U	
CHLOROBENZENE	2.7	U	U	
CHLORODIBROMOMETHANE	0.26	U	U	
CHLOROETHANE	0.43	U	U	
CHLOROFORM	0.47	U	U	
CHLOROMETHANE	0.4	I	J	P
CIS-1,2-DICHLOROETHENE	0.29	U	U	
CIS-1,3-DICHLOROPROPENE	0.38	U	U	
DICHLORODIFLUOROMETHANE	0.32	U	U	
METHYLENE CHLORIDE	1.2	U	U	
TETRACHLOROETHENE	0.27	I	J	P
TRANS-1,2-DICHLOROETHENE	0.6	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.8	IV	U	A
TRICHLOROFLUOROMETHANE	0.44	U	U	

nsample	46SB3802
samp_date	5/8/2006
lab_id	0605104-10
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.51	U	U	

nsample	46SB3803
samp_date	5/8/2006
lab_id	0605104-11
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	U	
1,1,2,2-TETRACHLOROETHANE	0.38	U	U	
1,1,2-TRICHLOROETHANE	0.58	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	U	
1,1-DICHLOROETHANE	0.48	U	U	
1,1-DICHLOROETHENE	0.38	U	U	
1,2,4-TRICHLOROBENZENE	0.36	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	U	
1,2-DIBROMOETHANE	0.66	U	U	
1,2-DICHLOROBENZENE	0.27	U	U	
1,2-DICHLOROETHANE	0.51	U	U	
1,2-DICHLOROPROPANE	0.67	U	U	
1,3-DICHLOROBENZENE	0.27	U	U	
1,4-DICHLOROBENZENE	0.21	U	U	
BROMODICHLOROMETHANE	0.26	U	U	
BROMOFORM	0.7	U	U	
BROMOMETHANE	0.48	U	UJ	C
CARBON TETRACHLORIDE	0.28	U	U	
CHLOROBENZENE	2.9	U	U	
CHLORODIBROMOMETHANE	0.28	U	U	
CHLOROETHANE	0.47	U	U	
CHLOROFORM	0.51	U	U	
CHLOROMETHANE	0.42	U	U	
CIS-1,2-DICHLOROETHENE	0.32	U	U	
CIS-1,3-DICHLOROPROPENE	0.41	U	U	
DICHLORODIFLUOROMETHANE	0.35	U	U	
METHYLENE CHLORIDE	1.3	U	U	
TETRACHLOROETHENE	0.26	I	J	P
TRANS-1,2-DICHLOROETHENE	0.65	U	U	
TRANS-1,3-DICHLOROPROPENE	0.44	U	U	
TRICHLOROETHENE	0.7	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	U	

nsample	46SB3803
samp_date	5/8/2006
lab_id	0605104-11
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.55	U	U	

nsample	46SB3902
samp_date	5/8/2006
lab_id	0605104-12
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.4	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.37	U	UJ	R
1,1,2-TRICHLOROETHANE	0.57	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.42	U	UJ	R
1,1-DICHLOROETHANE	0.48	U	UJ	R
1,1-DICHLOROETHENE	0.37	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.36	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.79	U	UJ	R
1,2-DIBROMOETHANE	0.65	U	UJ	R
1,2-DICHLOROBENZENE	0.27	U	UJ	R
1,2-DICHLOROETHANE	0.5	U	UJ	R
1,2-DICHLOROPROPANE	0.66	U	UJ	R
1,3-DICHLOROBENZENE	0.27	U	UJ	R
1,4-DICHLOROBENZENE	0.21	U	UJ	R
BROMODICHLOROMETHANE	0.26	U	UJ	R
BROMOFORM	0.69	U	UJ	R
BROMOMETHANE	0.48	U	UJ	CR
CARBON TETRACHLORIDE	0.28	U	UJ	R
CHLOROBENZENE	2.9	U	UJ	R
CHLORODIBROMOMETHANE	0.28	U	UJ	R
CHLOROETHANE	0.47	U	UJ	R
CHLOROFORM	0.5	U	UJ	R
CHLOROMETHANE	0.54	I	J	PR
CIS-1,2-DICHLOROETHENE	0.32	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.41	U	UJ	R
DICHLORODIFLUOROMETHANE	0.35	U	UJ	R
METHYLENE CHLORIDE	1.3	U	UJ	R
TETRACHLOROETHENE	0.24	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.64	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.43	U	UJ	R
TRICHLOROETHENE	1.1	IV	U	A
TRICHLOROFLUOROMETHANE	0.48	U	UJ	R

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB3902
samp_date	5/8/2006
lab_id	0605104-12
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.55	U	UJ	R

nsample	46SB3902D
samp_date	5/8/2006
lab_id	0605104-13
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3902

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.38	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.36	U	UJ	R
1,1,2-TRICHLOROETHANE	0.56	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.41	U	UJ	R
1,1-DICHLOROETHANE	0.46	U	UJ	R
1,1-DICHLOROETHENE	0.36	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.35	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.77	U	UJ	R
1,2-DIBROMOETHANE	0.63	U	UJ	R
1,2-DICHLOROBENZENE	0.26	U	UJ	R
1,2-DICHLOROETHANE	0.49	U	UJ	R
1,2-DICHLOROPROPANE	0.65	U	UJ	R
1,3-DICHLOROBENZENE	0.26	U	UJ	R
1,4-DICHLOROBENZENE	0.2	U	UJ	R
BROMODICHLOROMETHANE	0.25	U	UJ	R
BROMOFORM	0.67	U	UJ	R
BROMOMETHANE	0.46	U	UJ	CR
CARBON TETRACHLORIDE	0.27	U	UJ	R
CHLOROBENZENE	2.8	U	UJ	R
CHLORODIBROMOMETHANE	0.27	U	UJ	R
CHLOROETHANE	0.45	U	UJ	R
CHLOROFORM	0.49	U	UJ	R
CHLOROMETHANE	0.63	I	J	PR
CIS-1,2-DICHLOROETHENE	0.31	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.4	U	UJ	R
DICHLORODIFLUOROMETHANE	0.34	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.24	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.62	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.42	U	UJ	R
TRICHLOROETHENE	0.9	IV	U	A
TRICHLOROFLUOROMETHANE	0.46	U	UJ	R

nsample	46SB3902D
samp_date	5/8/2006
lab_id	0605104-13
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	46SB3902

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.53	U	UJ	R

nsample	46SB3903
samp_date	5/8/2006
lab_id	0605104-14
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.37	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.35	U	UJ	R
1,1,2-TRICHLOROETHANE	0.54	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.4	U	UJ	R
1,1-DICHLOROETHANE	0.45	U	UJ	R
1,1-DICHLOROETHENE	0.35	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.34	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.75	U	UJ	R
1,2-DIBROMOETHANE	0.61	U	UJ	R
1,2-DICHLOROBENZENE	0.25	U	UJ	R
1,2-DICHLOROETHANE	0.47	U	UJ	R
1,2-DICHLOROPROPANE	0.62	U	UJ	R
1,3-DICHLOROBENZENE	0.25	U	UJ	R
1,4-DICHLOROBENZENE	0.2	U	UJ	R
BROMODICHLOROMETHANE	0.24	U	UJ	R
BROMOFORM	0.65	U	UJ	R
BROMOMETHANE	0.45	U	UJ	CR
CARBON TETRACHLORIDE	0.26	U	UJ	R
CHLOROBENZENE	2.7	U	UJ	R
CHLORODIBROMOMETHANE	0.26	U	UJ	R
CHLOROETHANE	0.44	U	UJ	R
CHLOROFORM	0.47	U	UJ	R
CHLOROMETHANE	0.74	I	J	PR
CIS-1,2-DICHLOROETHENE	0.3	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.38	U	UJ	R
DICHLORODIFLUOROMETHANE	0.33	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.31	I	J	PR
TRANS-1,2-DICHLOROETHENE	0.6	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.41	U	UJ	R
TRICHLOROETHENE	4.4	IV	J	PR
TRICHLOROFLUOROMETHANE	0.45	U	UJ	R

nsample	46SB3903
samp_date	5/8/2006
lab_id	0605104-14
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.52	U	UJ	R

nsample	46SB4001
samp_date	5/8/2006
lab_id	0605104-17
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.36	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.34	U	UJ	R
1,1,2-TRICHLOROETHANE	0.53	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.39	U	UJ	R
1,1-DICHLOROETHANE	0.44	U	UJ	R
1,1-DICHLOROETHENE	0.34	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.33	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	0.73	U	UJ	R
1,2-DIBROMOETHANE	0.6	U	UJ	R
1,2-DICHLOROBENZENE	0.25	U	UJ	R
1,2-DICHLOROETHANE	0.46	U	UJ	R
1,2-DICHLOROPROPANE	0.61	U	UJ	R
1,3-DICHLOROBENZENE	0.25	U	UJ	R
1,4-DICHLOROBENZENE	0.19	U	UJ	R
BROMODICHLOROMETHANE	0.24	U	UJ	R
BROMOFORM	0.63	U	UJ	R
BROMOMETHANE	0.44	U	UJ	R
CARBON TETRACHLORIDE	0.26	U	UJ	R
CHLOROBENZENE	2.7	U	UJ	R
CHLORODIBROMOMETHANE	0.26	U	UJ	R
CHLOROETHANE	0.43	U	UJ	R
CHLOROFORM	0.46	U	UJ	R
CHLOROMETHANE	0.39	U	UJ	R
CIS-1,2-DICHLOROETHENE	0.29	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.38	U	UJ	R
DICHLORODIFLUOROMETHANE	0.32	U	UJ	R
METHYLENE CHLORIDE	1.2	U	UJ	R
TETRACHLOROETHENE	0.22	U	UJ	R
TRANS-1,2-DICHLOROETHENE	0.59	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.4	U	UJ	R
TRICHLOROETHENE	2.8	IV	U	A
TRICHLOROFLUOROMETHANE	0.44	U	UJ	CR

PROJ_NO: 00007

SDG: 0605104 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4001
samp_date	5/8/2006
lab_id	0605104-17
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.5	U	UJ	R

nsample	46SB4003
samp_date	5/8/2006
lab_id	0605104-18
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.37	U	U	
1,1,2,2-TETRACHLOROETHANE	0.34	U	U	
1,1,2-TRICHLOROETHANE	0.53	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.39	U	U	
1,1-DICHLOROETHANE	0.44	U	U	
1,1-DICHLOROETHENE	0.34	U	U	
1,2,4-TRICHLOROBENZENE	0.33	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.73	U	U	
1,2-DIBROMOETHANE	0.6	U	U	
1,2-DICHLOROBENZENE	0.25	U	U	
1,2-DICHLOROETHANE	0.46	U	U	
1,2-DICHLOROPROPANE	0.61	U	U	
1,3-DICHLOROBENZENE	0.25	U	U	
1,4-DICHLOROBENZENE	0.19	U	U	
BROMODICHLOROMETHANE	0.24	U	U	
BROMOFORM	0.64	U	U	
BROMOMETHANE	0.44	U	U	
CARBON TETRACHLORIDE	0.26	U	U	
CHLOROBENZENE	2.7	U	U	
CHLORODIBROMOMETHANE	0.26	U	U	
CHLOROETHANE	0.43	U	U	
CHLOROFORM	0.46	U	U	
CHLOROMETHANE	0.6	I	J	P
CIS-1,2-DICHLOROETHENE	0.29	U	U	
CIS-1,3-DICHLOROPROPENE	0.38	U	U	
DICHLORODIFLUOROMETHANE	0.32	U	U	
METHYLENE CHLORIDE	1.2	U	U	
TETRACHLOROETHENE	0.23	U	U	
TRANS-1,2-DICHLOROETHENE	0.59	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.91	IV	U	A
TRICHLOROFLUOROMETHANE	0.44	U	UJ	C

nsample	46SB4003
samp_date	5/8/2006
lab_id	0605104-18
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	0.51	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3202

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-03

Sample wt/vol: 4.4 (g/mL) G Lab File ID: 0510403A

Level: (low/med) LOW Date Sampled: 05/08/06 10:21

% Moisture: not dec. 4 Date Analyzed: 05/19/06 12:49

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.9		U
75-25-2	Bromoform	0.69	5.9		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.9		U
108-90-7	Chlorobenzene	2.9	5.9		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.50	5.9		U
74-87-3	Chloromethane	0.42	12	0.70	I
124-48-1	Dibromochloromethane	0.28	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	12		U
106-93-4	1,2-Dibromoethane	0.66	5.9		U
95-50-1	1,2-Dichlorobenzene	0.27	5.9	0.35	I
541-73-1	1,3-Dichlorobenzene	0.27	5.9		U
106-46-7	1,4-Dichlorobenzene	0.21	5.9	0.22	I
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.9		U
107-06-2	1,2-Dichloroethane	0.50	5.9		U
75-35-4	1,1-Dichloroethene	0.38	5.9		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.9		U
156-60-5	trans-1,2-Dichloroethene	0.64	5.9		U
78-87-5	1,2-Dichloropropane	0.67	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.43	5.9		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	5.9		U
127-18-4	Tetrachloroethene	0.25	5.9		U
120-82-1	1,2,4-Trichlorobenzene	0.36	5.9		U
71-55-6	1,1,1-Trichloroethane	0.40	5.9		U
79-00-5	1,1,2-Trichloroethane	0.58	5.9		U
79-01-6	Trichloroethene	0.48	5.9	2.4	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.9		U
75-01-4	Vinyl chloride	0.55	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3203

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-04

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 0510404A

Level: (low/med) LOW Date Sampled: 05/08/06 10:26

% Moisture: not dec. 4 Date Analyzed: 05/19/06 13:20

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.28	6.3		U
75-25-2	Bromoform	0.75	6.3		U
74-83-9	Bromomethane	0.52	13		U
56-23-5	Carbon tetrachloride	0.30	6.3		U
108-90-7	Chlorobenzene	3.2	6.3		U
75-00-3	Chloroethane	0.51	13		U
67-66-3	Chloroform	0.54	6.3		U
74-87-3	Chloromethane	0.46	13	0.58	I
124-48-1	Dibromochloromethane	0.30	6.3		U
96-12-8	1,2-Dibromo-3-chloropropane	0.86	13		U
106-93-4	1,2-Dibromoethane	0.71	6.3		U
95-50-1	1,2-Dichlorobenzene	0.29	6.3		U
541-73-1	1,3-Dichlorobenzene	0.29	6.3		U
106-46-7	1,4-Dichlorobenzene	0.23	6.3		U
75-71-8	Dichlorodifluoromethane	0.38	13		U
75-34-3	1,1-Dichloroethane	0.52	6.3		U
107-06-2	1,2-Dichloroethane	0.54	6.3		U
75-35-4	1,1-Dichloroethene	0.40	6.3		U
156-59-2	cis-1,2-Dichloroethene	0.34	6.3		U
156-60-5	trans-1,2-Dichloroethene	0.70	6.3		U
78-87-5	1,2-Dichloropropane	0.72	6.3		U
10061-01-5	cis-1,3-Dichloropropene	0.44	6.3		U
10061-02-6	trans-1,3-Dichloropropene	0.47	6.3		U
75-09-2	Methylene chloride	1.4	13		U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	6.3		U
127-18-4	Tetrachloroethene	0.27	6.3		U
120-82-1	1,2,4-Trichlorobenzene	0.39	6.3		U
71-55-6	1,1,1-Trichloroethane	0.43	6.3		U
79-00-5	1,1,2-Trichloroethane	0.62	6.3		U
79-01-6	Trichloroethene	0.52	6.3	1.8	IV
75-69-4	Trichlorofluoromethane	0.52	13		U
76-13-1	Trichlorotrifluoroethane	0.46	6.3		U
75-01-4	Vinyl chloride	0.60	13		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3302

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-01

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 0510401M

Level: (low/med) MED Date Sampled: 05/08/06 10:03

% Moisture: not dec. 9 Date Analyzed: 05/20/06 03:47

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 8.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	120	2700		UD
75-25-2	Bromoform	320	2700		UD
74-83-9	Bromomethane	220	5400		UD
56-23-5	Carbon tetrachloride	130	2700		UD
108-90-7	Chlorobenzene	1300	2700		UD
75-00-3	Chloroethane	210	5400		UD
67-66-3	Chloroform	230	2700		UD
74-87-3	Chloromethane	190	5400	420	IVD
124-48-1	Dibromochloromethane	130	2700		UD
96-12-8	1,2-Dibromo-3-chloropropane	360	5400		UD
106-93-4	1,2-Dibromoethane	300	2700		UD
95-50-1	1,2-Dichlorobenzene	120	2700		UD
541-73-1	1,3-Dichlorobenzene	120	2700		UD
106-46-7	1,4-Dichlorobenzene	96	2700		UD
75-71-8	Dichlorodifluoromethane	160	5400		UD
75-34-3	1,1-Dichloroethane	220	2700		UD
107-06-2	1,2-Dichloroethane	230	2700		UD
75-35-4	1,1-Dichloroethene	170	2700		UD
156-59-2	cis-1,2-Dichloroethene	140	2700	650	ID
156-60-5	trans-1,2-Dichloroethene	290	2700		UD
78-87-5	1,2-Dichloropropane	300	2700		UD
10061-01-5	cis-1,3-Dichloropropene	190	2700		UD
10061-02-6	trans-1,3-Dichloropropene	200	2700		UD
75-09-2	Methylene chloride	580	5400	1800	ID
79-34-5	1,1,2,2-Tetrachloroethane	170	2700		UD
127-18-4	Tetrachloroethene	110	2700	150	ID
120-82-1	1,2,4-Trichlorobenzene	170	2700		UD
71-55-6	1,1,1-Trichloroethane	180	2700	220	ID
79-00-5	1,1,2-Trichloroethane	260	2700		UD
79-01-6	Trichloroethene	220	2700	26000	VD
75-69-4	Trichlorofluoromethane	220	5400		UD
76-13-1	Trichlorotrifluoroethane	190	2700		UD
75-01-4	Vinyl chloride	250	5400		UD

5/23/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3303

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-02

Sample wt/vol: 4.1 (g/mL) G Lab File ID: 0510402M

Level: (low/med) MED Date Sampled: 05/08/06 10:10

% Moisture: not dec. 5 Date Analyzed: 05/20/06 03:16

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	14	320		U
75-25-2	Bromoform	38	320		U
74-83-9	Bromomethane	26	640		U
56-23-5	Carbon tetrachloride	15	320		U
108-90-7	Chlorobenzene	160	320		U
75-00-3	Chloroethane	26	640		U
67-66-3	Chloroform	28	320		U
74-87-3	Chloromethane	23	640		U
124-48-1	Dibromochloromethane	15	320		U
96-12-8	1,2-Dibromo-3-chloropropane	44	640		U
106-93-4	1,2-Dibromoethane	36	320		U
95-50-1	1,2-Dichlorobenzene	15	320	27	I
541-73-1	1,3-Dichlorobenzene	15	320		U
106-46-7	1,4-Dichlorobenzene	12	320		U
75-71-8	Dichlorodifluoromethane	19	640		U
75-34-3	1,1-Dichloroethane	26	320		U
107-06-2	1,2-Dichloroethane	28	320		U
75-35-4	1,1-Dichloroethene	21	320		U
156-59-2	cis-1,2-Dichloroethene	17	320	31	I
156-60-5	trans-1,2-Dichloroethene	35	320		U
78-87-5	1,2-Dichloropropane	37	320		U
10061-01-5	cis-1,3-Dichloropropene	22	320		U
10061-02-6	trans-1,3-Dichloropropene	24	320		U
75-09-2	Methylene chloride	70	640	350	I
79-34-5	1,1,2,2-Tetrachloroethane	21	320		U
127-18-4	Tetrachloroethene	14	320	26	I
120-82-1	1,2,4-Trichlorobenzene	20	320		U
71-55-6	1,1,1-Trichloroethane	22	320	22	I
79-00-5	1,1,2-Trichloroethane	32	320		U
79-01-6	Trichloroethene	26	320	1900	V
75-69-4	Trichlorofluoromethane	26	640		U
76-13-1	Trichlorotrifluoroethane	23	320		U
75-01-4	Vinyl chloride	30	640		U

5/26/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3402

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-22

Sample wt/vol: 4.4 (g/mL) G Lab File ID: 0510422M

Level: (low/med) MED Date Sampled: 05/08/06 14:05

% Moisture: not dec. 4 Date Analyzed: 05/20/06 02:14

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	13	290		U
75-25-2	Bromoform	34	290		U
74-83-9	Bromomethane	24	580		U
56-23-5	Carbon tetrachloride	14	290		U
108-90-7	Chlorobenzene	150	290		U
75-00-3	Chloroethane	23	580		U
67-66-3	Chloroform	25	290		U
74-87-3	Chloromethane	21	580		U
124-48-1	Dibromochloromethane	14	290		U
96-12-8	1,2-Dibromo-3-chloropropane	40	580		U
106-93-4	1,2-Dibromoethane	33	290		U
95-50-1	1,2-Dichlorobenzene	13	290	230	I
541-73-1	1,3-Dichlorobenzene	13	290	14	I
106-46-7	1,4-Dichlorobenzene	10	290	100	I
75-71-8	Dichlorodifluoromethane	18	580		U
75-34-3	1,1-Dichloroethane	24	290		U
107-06-2	1,2-Dichloroethane	25	290		U
75-35-4	1,1-Dichloroethene	19	290		U
156-59-2	cis-1,2-Dichloroethene	16	290		U
156-60-5	trans-1,2-Dichloroethene	32	290		U
78-87-5	1,2-Dichloropropane	33	290		U
10061-01-5	cis-1,3-Dichloropropene	20	290		U
10061-02-6	trans-1,3-Dichloropropene	22	290		U
75-09-2	Methylene chloride	63	580	530	I
79-34-5	1,1,2,2-Tetrachloroethane	19	290		U
127-18-4	Tetrachloroethene	12	290	85	I
120-82-1	1,2,4-Trichlorobenzene	18	290	25	I
71-55-6	1,1,1-Trichloroethane	20	290	26	I
79-00-5	1,1,2-Trichloroethane	29	290		U
79-01-6	Trichloroethene	24	290	1400	V
75-69-4	Trichlorofluoromethane	24	580		U
76-13-1	Trichlorotrifluoroethane	21	290		U
75-01-4	Vinyl chloride	28	580		U

5/23/06

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3403

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-23

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510423M

Level: (low/med) MED Date Sampled: 05/08/06 14:15

% Moisture: not dec. 3 Date Analyzed: 05/20/06 02:45

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	13	290		U
75-25-2	Bromoform	34	290		U
74-83-9	Bromomethane	24	580		U
56-23-5	Carbon tetrachloride	14	290		U
108-90-7	Chlorobenzene	140	290		U
75-00-3	Chloroethane	23	580		U
67-66-3	Chloroform	25	290		U
74-87-3	Chloromethane	21	580	45	IV
124-48-1	Dibromochloromethane	14	290		U
96-12-8	1,2-Dibromo-3-chloropropane	39	580		U
106-93-4	1,2-Dibromoethane	32	290		U
95-50-1	1,2-Dichlorobenzene	13	290	590	
541-73-1	1,3-Dichlorobenzene	13	290	22	I
106-46-7	1,4-Dichlorobenzene	10	290	180	I
75-71-8	Dichlorodifluoromethane	17	580		U
75-34-3	1,1-Dichloroethane	24	290		U
107-06-2	1,2-Dichloroethane	25	290		U
75-35-4	1,1-Dichloroethene	18	290		U
156-59-2	cis-1,2-Dichloroethene	16	290		U
156-60-5	trans-1,2-Dichloroethene	32	290		U
78-87-5	1,2-Dichloropropane	33	290		U
10061-01-5	cis-1,3-Dichloropropene	20	290		U
10061-02-6	trans-1,3-Dichloropropene	21	290		U
75-09-2	Methylene chloride	62	580	330	I
79-34-5	1,1,2,2-Tetrachloroethane	18	290		U
127-18-4	Tetrachloroethene	12	290	140	I
120-82-1	1,2,4-Trichlorobenzene	18	290	45	I
71-55-6	1,1,1-Trichloroethane	20	290	42	I
79-00-5	1,1,2-Trichloroethane	28	290		U
79-01-6	Trichloroethene	24	290	900	V
75-69-4	Trichlorofluoromethane	24	580		U
76-13-1	Trichlorotrifluoroethane	21	290		U
75-01-4	Vinyl chloride	27	580		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3501

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-05

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510405A

Level: (low/med) LOW Date Sampled: 05/08/06 10:38

% Moisture: not dec. 4 Date Analyzed: 05/19/06 13:51

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.9		U
75-25-2	Bromoform	0.69	5.9		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.9		U
108-90-7	Chlorobenzene	2.9	5.9		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.50	5.9		U
74-87-3	Chloromethane	0.42	12	0.50	I
124-48-1	Dibromochloromethane	0.28	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	12		U
106-93-4	1,2-Dibromoethane	0.66	5.9		U
95-50-1	1,2-Dichlorobenzene	0.27	5.9		U
541-73-1	1,3-Dichlorobenzene	0.27	5.9		U
106-46-7	1,4-Dichlorobenzene	0.21	5.9		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.9		U
107-06-2	1,2-Dichloroethane	0.50	5.9		U
75-35-4	1,1-Dichloroethene	0.38	5.9		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.9		U
156-60-5	trans-1,2-Dichloroethene	0.64	5.9		U
78-87-5	1,2-Dichloropropane	0.67	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.43	5.9		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	5.9		U
127-18-4	Tetrachloroethene	0.25	5.9		U
120-82-1	1,2,4-Trichlorobenzene	0.36	5.9		U
71-55-6	1,1,1-Trichloroethane	0.40	5.9		U
79-00-5	1,1,2-Trichloroethane	0.57	5.9		U
79-01-6	Trichloroethene	0.48	5.9	2.0	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.9		U
75-01-4	Vinyl chloride	0.55	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3501D

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-06

Sample wt/vol: 4.6 (g/mL) G Lab File ID: 0510406A

Level: (low/med) LOW Date Sampled: 05/08/06 10:38

% Moisture: not dec. 3 Date Analyzed: 05/19/06 14:22

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.25	5.6		U
75-25-2	Bromoform	0.66	5.6		U
74-83-9	Bromomethane	0.46	11		U
56-23-5	Carbon tetrachloride	0.27	5.6		U
108-90-7	Chlorobenzene	2.8	5.6		U
75-00-3	Chloroethane	0.45	11		U
67-66-3	Chloroform	0.48	5.6		U
74-87-3	Chloromethane	0.40	11	0.47	I
124-48-1	Dibromochloromethane	0.27	5.6		U
96-12-8	1,2-Dibromo-3-chloropropane	0.77	11		U
106-93-4	1,2-Dibromoethane	0.63	5.6		U
95-50-1	1,2-Dichlorobenzene	0.26	5.6		U
541-73-1	1,3-Dichlorobenzene	0.26	5.6		U
106-46-7	1,4-Dichlorobenzene	0.20	5.6		U
75-71-8	Dichlorodifluoromethane	0.34	11		U
75-34-3	1,1-Dichloroethane	0.46	5.6		U
107-06-2	1,2-Dichloroethane	0.48	5.6		U
75-35-4	1,1-Dichloroethene	0.36	5.6		U
156-59-2	cis-1,2-Dichloroethene	0.30	5.6		U
156-60-5	trans-1,2-Dichloroethene	0.62	5.6		U
78-87-5	1,2-Dichloropropane	0.64	5.6		U
10061-01-5	cis-1,3-Dichloropropene	0.39	5.6		U
10061-02-6	trans-1,3-Dichloropropene	0.42	5.6		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.36	5.6		U
127-18-4	Tetrachloroethene	0.24	5.6		U
120-82-1	1,2,4-Trichlorobenzene	0.35	5.6		U
71-55-6	1,1,1-Trichloroethane	0.38	5.6		U
79-00-5	1,1,2-Trichloroethane	0.55	5.6		U
79-01-6	Trichloroethene	0.46	5.6	1.8	IV
75-69-4	Trichlorofluoromethane	0.46	11		U
76-13-1	Trichlorotrifluoroethane	0.40	5.6		U
75-01-4	Vinyl chloride	0.53	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3503

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-07

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510407A

Level: (low/med) LOW Date Sampled: 05/08/06 11:00

% Moisture: not dec. 3 Date Analyzed: 05/19/06 14:53

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.5		U
75-25-2	Bromoform	0.65	5.5		U
74-83-9	Bromomethane	0.45	11		U
56-23-5	Carbon tetrachloride	0.27	5.5		U
108-90-7	Chlorobenzene	2.8	5.5		U
75-00-3	Chloroethane	0.44	11		U
67-66-3	Chloroform	0.48	5.5		U
74-87-3	Chloromethane	0.40	11		U
124-48-1	Dibromochloromethane	0.27	5.5		U
96-12-8	1,2-Dibromo-3-chloropropane	0.75	11		U
106-93-4	1,2-Dibromoethane	0.62	5.5		U
95-50-1	1,2-Dichlorobenzene	0.25	5.5		U
541-73-1	1,3-Dichlorobenzene	0.25	5.5		U
106-46-7	1,4-Dichlorobenzene	0.20	5.5		U
75-71-8	Dichlorodifluoromethane	0.33	11		U
75-34-3	1,1-Dichloroethane	0.45	5.5		U
107-06-2	1,2-Dichloroethane	0.48	5.5		U
75-35-4	1,1-Dichloroethene	0.35	5.5		U
156-59-2	cis-1,2-Dichloroethene	0.30	5.5		U
156-60-5	trans-1,2-Dichloroethene	0.61	5.5		U
78-87-5	1,2-Dichloropropane	0.63	5.5		U
10061-01-5	cis-1,3-Dichloropropene	0.39	5.5		U
10061-02-6	trans-1,3-Dichloropropene	0.41	5.5		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.35	5.5		U
127-18-4	Tetrachloroethene	0.23	5.5		U
120-82-1	1,2,4-Trichlorobenzene	0.34	5.5		U
71-55-6	1,1,1-Trichloroethane	0.38	5.5		U
79-00-5	1,1,2-Trichloroethane	0.54	5.5		U
79-01-6	Trichloroethene	0.45	5.5	2.2	IV
75-69-4	Trichlorofluoromethane	0.45	11		U
76-13-1	Trichlorotrifluoroethane	0.40	5.5		U
75-01-4	Vinyl chloride	0.52	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3601

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-08

Sample wt/vol: 4.4 (g/mL) G Lab File ID: 0510408A

Level: (low/med) LOW Date Sampled: 05/08/06 11:13

% Moisture: not dec. 5 Date Analyzed: 05/19/06 15:24

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.9		U
75-25-2	Bromoform	0.70	5.9		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.9		U
108-90-7	Chlorobenzene	3.0	5.9		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.51	5.9		U
74-87-3	Chloromethane	0.42	12	0.72	I
124-48-1	Dibromochloromethane	0.28	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	12		U
106-93-4	1,2-Dibromoethane	0.66	5.9		U
95-50-1	1,2-Dichlorobenzene	0.27	5.9		U
541-73-1	1,3-Dichlorobenzene	0.27	5.9		U
106-46-7	1,4-Dichlorobenzene	0.21	5.9		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.9		U
107-06-2	1,2-Dichloroethane	0.51	5.9		U
75-35-4	1,1-Dichloroethene	0.38	5.9		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.9		U
156-60-5	trans-1,2-Dichloroethene	0.65	5.9		U
78-87-5	1,2-Dichloropropane	0.67	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.44	5.9		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	5.9		U
127-18-4	Tetrachloroethene	0.25	5.9		U
120-82-1	1,2,4-Trichlorobenzene	0.37	5.9	0.42	I
71-55-6	1,1,1-Trichloroethane	0.40	5.9		U
79-00-5	1,1,2-Trichloroethane	0.58	5.9		U
79-01-6	Trichloroethene	0.48	5.9	1.3	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.9		U
75-01-4	Vinyl chloride	0.56	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3603

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-09

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510409A

Level: (low/med) LOW Date Sampled: 05/08/06 11:26

% Moisture: not dec. 4 Date Analyzed: 05/19/06 15:55

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.8		U
75-25-2	Bromoform	0.68	5.8		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.8		U
108-90-7	Chlorobenzene	2.9	5.8		U
75-00-3	Chloroethane	0.46	12		U
67-66-3	Chloroform	0.50	5.8		U
74-87-3	Chloromethane	0.42	12		U
124-48-1	Dibromochloromethane	0.28	5.8		U
96-12-8	1,2-Dibromo-3-chloropropane	0.79	12		U
106-93-4	1,2-Dibromoethane	0.65	5.8		U
95-50-1	1,2-Dichlorobenzene	0.27	5.8		U
541-73-1	1,3-Dichlorobenzene	0.27	5.8		U
106-46-7	1,4-Dichlorobenzene	0.21	5.8		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.8		U
107-06-2	1,2-Dichloroethane	0.50	5.8		U
75-35-4	1,1-Dichloroethene	0.37	5.8		U
156-59-2	cis-1,2-Dichloroethene	0.31	5.8		U
156-60-5	trans-1,2-Dichloroethene	0.64	5.8		U
78-87-5	1,2-Dichloropropane	0.66	5.8		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.8		U
10061-02-6	trans-1,3-Dichloropropene	0.43	5.8		U
75-09-2	Methylene chloride	1.2	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.37	5.8		U
127-18-4	Tetrachloroethene	0.24	5.8		U
120-82-1	1,2,4-Trichlorobenzene	0.36	5.8		U
71-55-6	1,1,1-Trichloroethane	0.39	5.8		U
79-00-5	1,1,2-Trichloroethane	0.57	5.8		U
79-01-6	Trichloroethene	0.48	5.8	1.9	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.8		U
75-01-4	Vinyl chloride	0.54	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3701

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-19

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510419B

Level: (low/med) LOW Date Sampled: 05/08/06 13:31

% Moisture: not dec. 2 Date Analyzed: 05/20/06 10:22

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	CONC	UG/KG Q
75-27-4	Bromodichloromethane	0.25	5.7		U
75-25-2	Bromoform	0.67	5.7		U
74-83-9	Bromomethane	0.47	11		U
56-23-5	Carbon tetrachloride	0.27	5.7		U
108-90-7	Chlorobenzene	2.8	5.7		U
75-00-3	Chloroethane	0.46	11		U
67-66-3	Chloroform	0.49	5.7		U
74-87-3	Chloromethane	0.41	11	0.59	I
124-48-1	Dibromochloromethane	0.27	5.7		U
96-12-8	1,2-Dibromo-3-chloropropane	0.78	11		U
106-93-4	1,2-Dibromoethane	0.64	5.7		U
95-50-1	1,2-Dichlorobenzene	0.26	5.7	0.27	I
541-73-1	1,3-Dichlorobenzene	0.26	5.7		U
106-46-7	1,4-Dichlorobenzene	0.20	5.7		U
75-71-8	Dichlorodifluoromethane	0.34	11		U
75-34-3	1,1-Dichloroethane	0.47	5.7		U
107-06-2	1,2-Dichloroethane	0.49	5.7		U
75-35-4	1,1-Dichloroethene	0.36	5.7		U
156-59-2	cis-1,2-Dichloroethene	0.31	5.7		U
156-60-5	trans-1,2-Dichloroethene	0.63	5.7		U
78-87-5	1,2-Dichloropropane	0.65	5.7		U
10061-01-5	cis-1,3-Dichloropropene	0.40	5.7		U
10061-02-6	trans-1,3-Dichloropropene	0.42	5.7		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.36	5.7		U
127-18-4	Tetrachloroethene	0.24	5.7		U
120-82-1	1,2,4-Trichlorobenzene	0.35	5.7		U
71-55-6	1,1,1-Trichloroethane	0.39	5.7		U
79-00-5	1,1,2-Trichloroethane	0.56	5.7		U
79-01-6	Trichloroethene	0.47	5.7	0.66	IV
75-69-4	Trichlorofluoromethane	0.47	11		U
76-13-1	Trichlorotrifluoroethane	0.41	5.7		U
75-01-4	Vinyl chloride	0.54	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3701D

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-20

Sample wt/vol: 4.4 (g/mL) G Lab File ID: 0510420A

Level: (low/med) LOW Date Sampled: 05/08/06 13:31

% Moisture: not dec. 3 Date Analyzed: 05/20/06 01:12

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.9		U
75-25-2	Bromoform	0.69	5.9		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.9		U
108-90-7	Chlorobenzene	2.9	5.9		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.50	5.9		U
74-87-3	Chloromethane	0.42	12	0.60	I
124-48-1	Dibromochloromethane	0.28	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	12		U
106-93-4	1,2-Dibromoethane	0.66	5.9		U
95-50-1	1,2-Dichlorobenzene	0.27	5.9		U
541-73-1	1,3-Dichlorobenzene	0.27	5.9		U
106-46-7	1,4-Dichlorobenzene	0.21	5.9		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.9		U
107-06-2	1,2-Dichloroethane	0.50	5.9		U
75-35-4	1,1-Dichloroethene	0.38	5.9		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.9		U
156-60-5	trans-1,2-Dichloroethene	0.64	5.9		U
78-87-5	1,2-Dichloropropane	0.67	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.43	5.9		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	5.9		U
127-18-4	Tetrachloroethene	0.25	5.9		U
120-82-1	1,2,4-Trichlorobenzene	0.36	5.9		U
71-55-6	1,1,1-Trichloroethane	0.40	5.9		U
79-00-5	1,1,2-Trichloroethane	0.57	5.9		U
79-01-6	Trichloroethene	0.48	5.9		U
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.9		U
75-01-4	Vinyl chloride	0.55	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3703

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-21

Sample wt/vol: 4.2 (g/mL) G Lab File ID: 0510421A

Level: (low/med) LOW Date Sampled: 05/08/06 13:48

% Moisture: not dec. 6 Date Analyzed: 05/20/06 01:43

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
75-27-4	Bromodichloromethane	0.28	6.3		U
75-25-2	Bromoform	0.74	6.3		U
74-83-9	Bromomethane	0.52	13		U
56-23-5	Carbon tetrachloride	0.30	6.3		U
108-90-7	Chlorobenzene	3.2	6.3		U
75-00-3	Chloroethane	0.50	13		U
67-66-3	Chloroform	0.54	6.3		U
74-87-3	Chloromethane	0.45	13		U
124-48-1	Dibromochloromethane	0.30	6.3		U
96-12-8	1,2-Dibromo-3-chloropropane	0.86	13		U
106-93-4	1,2-Dibromoethane	0.71	6.3		U
95-50-1	1,2-Dichlorobenzene	0.29	6.3		U
541-73-1	1,3-Dichlorobenzene	0.29	6.3		U
106-46-7	1,4-Dichlorobenzene	0.23	6.3		U
75-71-8	Dichlorodifluoromethane	0.38	13		U
75-34-3	1,1-Dichloroethane	0.52	6.3		U
107-06-2	1,2-Dichloroethane	0.54	6.3		U
75-35-4	1,1-Dichloroethene	0.40	6.3		U
156-59-2	cis-1,2-Dichloroethene	0.34	6.3		U
156-60-5	trans-1,2-Dichloroethene	0.69	6.3		U
78-87-5	1,2-Dichloropropane	0.72	6.3		U
10061-01-5	cis-1,3-Dichloropropene	0.44	6.3		U
10061-02-6	trans-1,3-Dichloropropene	0.47	6.3		U
75-09-2	Methylene chloride	1.4	13		U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	6.3		U
127-18-4	Tetrachloroethene	0.26	6.3		U
120-82-1	1,2,4-Trichlorobenzene	0.39	6.3		U
71-55-6	1,1,1-Trichloroethane	0.43	6.3		U
79-00-5	1,1,2-Trichloroethane	0.62	6.3		U
79-01-6	Trichloroethene	0.52	6.3	0.82	IV
75-69-4	Trichlorofluoromethane	0.52	13		U
76-13-1	Trichlorotrifluoroethane	0.45	6.3		U
75-01-4	Vinyl chloride	0.59	13		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3802

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-10

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510410A

Level: (low/med) LOW Date Sampled: 05/08/06 11:52

% Moisture: not dec. 3 Date Analyzed: 05/19/06 16:26

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.4		U
75-25-2	Bromoform	0.64	5.4		U
74-83-9	Bromomethane	0.44	11		U
56-23-5	Carbon tetrachloride	0.26	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	0.43	11		U
67-66-3	Chloroform	0.47	5.4		U
74-87-3	Chloromethane	0.39	11	0.40	I
124-48-1	Dibromochloromethane	0.26	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	0.74	11		U
106-93-4	1,2-Dibromoethane	0.61	5.4		U
95-50-1	1,2-Dichlorobenzene	0.25	5.4		U
541-73-1	1,3-Dichlorobenzene	0.25	5.4		U
106-46-7	1,4-Dichlorobenzene	0.20	5.4		U
75-71-8	Dichlorodifluoromethane	0.32	11		U
75-34-3	1,1-Dichloroethane	0.44	5.4		U
107-06-2	1,2-Dichloroethane	0.47	5.4		U
75-35-4	1,1-Dichloroethene	0.35	5.4		U
156-59-2	cis-1,2-Dichloroethene	0.29	5.4		U
156-60-5	trans-1,2-Dichloroethene	0.60	5.4		U
78-87-5	1,2-Dichloropropane	0.62	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.38	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.40	5.4		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.35	5.4		U
127-18-4	Tetrachloroethene	0.23	5.4	0.27	I
120-82-1	1,2,4-Trichlorobenzene	0.34	5.4		U
71-55-6	1,1,1-Trichloroethane	0.37	5.4		U
79-00-5	1,1,2-Trichloroethane	0.53	5.4		U
79-01-6	Trichloroethene	0.44	5.4	0.80	IV
75-69-4	Trichlorofluoromethane	0.44	11		U
76-13-1	Trichlorotrifluoroethane	0.39	5.4		U
75-01-4	Vinyl chloride	0.51	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3803

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-11

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0510411A

Level: (low/med) LOW Date Sampled: 05/08/06 12:05

% Moisture: not dec. 5 Date Analyzed: 05/19/06 16:57

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.9		U
75-25-2	Bromoform	0.70	5.9		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.9		U
108-90-7	Chlorobenzene	2.9	5.9		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.51	5.9		U
74-87-3	Chloromethane	0.42	12		U
124-48-1	Dibromochloromethane	0.28	5.9		U
96-12-8	1,2-Dibromo-3-chloropropane	0.80	12		U
106-93-4	1,2-Dibromoethane	0.66	5.9		U
95-50-1	1,2-Dichlorobenzene	0.27	5.9		U
541-73-1	1,3-Dichlorobenzene	0.27	5.9		U
106-46-7	1,4-Dichlorobenzene	0.21	5.9		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.9		U
107-06-2	1,2-Dichloroethane	0.51	5.9		U
75-35-4	1,1-Dichloroethene	0.38	5.9		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.9		U
156-60-5	trans-1,2-Dichloroethene	0.65	5.9		U
78-87-5	1,2-Dichloropropane	0.67	5.9		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.9		U
10061-02-6	trans-1,3-Dichloropropene	0.44	5.9		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.38	5.9		U
127-18-4	Tetrachloroethene	0.25	5.9	0.26	I
120-82-1	1,2,4-Trichlorobenzene	0.36	5.9		U
71-55-6	1,1,1-Trichloroethane	0.40	5.9		U
79-00-5	1,1,2-Trichloroethane	0.58	5.9		U
79-01-6	Trichloroethene	0.48	5.9	0.70	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.9		U
75-01-4	Vinyl chloride	0.55	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3902

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-12

Sample wt/vol: 4.4 (g/mL) G Lab File ID: 0510412A

Level: (low/med) LOW Date Sampled: 05/08/06 12:25

% Moisture: not dec. 3 Date Analyzed: 05/19/06 17:28

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.26	5.8		U
75-25-2	Bromoform	0.69	5.8		U
74-83-9	Bromomethane	0.48	12		U
56-23-5	Carbon tetrachloride	0.28	5.8		U
108-90-7	Chlorobenzene	2.9	5.8		U
75-00-3	Chloroethane	0.47	12		U
67-66-3	Chloroform	0.50	5.8		U
74-87-3	Chloromethane	0.42	12	0.54	I
124-48-1	Dibromochloromethane	0.28	5.8		U
96-12-8	1,2-Dibromo-3-chloropropane	0.79	12		U
106-93-4	1,2-Dibromoethane	0.65	5.8		U
95-50-1	1,2-Dichlorobenzene	0.27	5.8		U
541-73-1	1,3-Dichlorobenzene	0.27	5.8		U
106-46-7	1,4-Dichlorobenzene	0.21	5.8		U
75-71-8	Dichlorodifluoromethane	0.35	12		U
75-34-3	1,1-Dichloroethane	0.48	5.8		U
107-06-2	1,2-Dichloroethane	0.50	5.8		U
75-35-4	1,1-Dichloroethene	0.37	5.8		U
156-59-2	cis-1,2-Dichloroethene	0.32	5.8		U
156-60-5	trans-1,2-Dichloroethene	0.64	5.8		U
78-87-5	1,2-Dichloropropane	0.66	5.8		U
10061-01-5	cis-1,3-Dichloropropene	0.41	5.8		U
10061-02-6	trans-1,3-Dichloropropene	0.43	5.8		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.37	5.8		U
127-18-4	Tetrachloroethene	0.24	5.8		U
120-82-1	1,2,4-Trichlorobenzene	0.36	5.8		U
71-55-6	1,1,1-Trichloroethane	0.40	5.8		U
79-00-5	1,1,2-Trichloroethane	0.57	5.8		U
79-01-6	Trichloroethene	0.48	5.8	1.1	IV
75-69-4	Trichlorofluoromethane	0.48	12		U
76-13-1	Trichlorotrifluoroethane	0.42	5.8		U
75-01-4	Vinyl chloride	0.55	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3902D

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-13

Sample wt/vol: 4.6 (g/mL) G Lab File ID: 0510413A

Level: (low/med) LOW Date Sampled: 05/08/06 12:25

% Moisture: not dec. 3 Date Analyzed: 05/19/06 17:59

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.25	5.7		U
75-25-2	Bromoform	0.67	5.7		U
74-83-9	Bromomethane	0.46	11		U
56-23-5	Carbon tetrachloride	0.27	5.7		U
108-90-7	Chlorobenzene	2.8	5.7		U
75-00-3	Chloroethane	0.45	11		U
67-66-3	Chloroform	0.49	5.7		U
74-87-3	Chloromethane	0.41	11	0.63	I
124-48-1	Dibromochloromethane	0.27	5.7		U
96-12-8	1,2-Dibromo-3-chloropropane	0.77	11		U
106-93-4	1,2-Dibromoethane	0.63	5.7		U
95-50-1	1,2-Dichlorobenzene	0.26	5.7		U
541-73-1	1,3-Dichlorobenzene	0.26	5.7		U
106-46-7	1,4-Dichlorobenzene	0.20	5.7		U
75-71-8	Dichlorodifluoromethane	0.34	11		U
75-34-3	1,1-Dichloroethane	0.46	5.7		U
107-06-2	1,2-Dichloroethane	0.49	5.7		U
75-35-4	1,1-Dichloroethene	0.36	5.7		U
156-59-2	cis-1,2-Dichloroethene	0.31	5.7		U
156-60-5	trans-1,2-Dichloroethene	0.62	5.7		U
78-87-5	1,2-Dichloropropane	0.65	5.7		U
10061-01-5	cis-1,3-Dichloropropene	0.40	5.7		U
10061-02-6	trans-1,3-Dichloropropene	0.42	5.7		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.36	5.7		U
127-18-4	Tetrachloroethene	0.24	5.7		U
120-82-1	1,2,4-Trichlorobenzene	0.35	5.7		U
71-55-6	1,1,1-Trichloroethane	0.38	5.7		U
79-00-5	1,1,2-Trichloroethane	0.56	5.7		U
79-01-6	Trichloroethene	0.46	5.7	0.90	IV
75-69-4	Trichlorofluoromethane	0.46	11		U
76-13-1	Trichlorotrifluoroethane	0.41	5.7		U
75-01-4	Vinyl chloride	0.53	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB3903

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-14

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0510414A

Level: (low/med) LOW Date Sampled: 05/08/06 12:37

% Moisture: not dec. 3 Date Analyzed: 05/19/06 18:30

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.5		U
75-25-2	Bromoform	0.65	5.5		U
74-83-9	Bromomethane	0.45	11		U
56-23-5	Carbon tetrachloride	0.26	5.5		U
108-90-7	Chlorobenzene	2.7	5.5		U
75-00-3	Chloroethane	0.44	11		U
67-66-3	Chloroform	0.47	5.5		U
74-87-3	Chloromethane	0.40	11	0.74	I
124-48-1	Dibromochloromethane	0.26	5.5		U
96-12-8	1,2-Dibromo-3-chloropropane	0.75	11		U
106-93-4	1,2-Dibromoethane	0.61	5.5		U
95-50-1	1,2-Dichlorobenzene	0.25	5.5		U
541-73-1	1,3-Dichlorobenzene	0.25	5.5		U
106-46-7	1,4-Dichlorobenzene	0.20	5.5		U
75-71-8	Dichlorodifluoromethane	0.33	11		U
75-34-3	1,1-Dichloroethane	0.45	5.5		U
107-06-2	1,2-Dichloroethane	0.47	5.5		U
75-35-4	1,1-Dichloroethene	0.35	5.5		U
156-59-2	cis-1,2-Dichloroethene	0.30	5.5		U
156-60-5	trans-1,2-Dichloroethene	0.60	5.5		U
78-87-5	1,2-Dichloropropane	0.62	5.5		U
10061-01-5	cis-1,3-Dichloropropene	0.38	5.5		U
10061-02-6	trans-1,3-Dichloropropene	0.41	5.5		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.35	5.5		U
127-18-4	Tetrachloroethene	0.23	5.5	0.31	I
120-82-1	1,2,4-Trichlorobenzene	0.34	5.5		U
71-55-6	1,1,1-Trichloroethane	0.37	5.5		U
79-00-5	1,1,2-Trichloroethane	0.54	5.5		U
79-01-6	Trichloroethene	0.45	5.5	4.4	IV
75-69-4	Trichlorofluoromethane	0.45	11		U
76-13-1	Trichlorotrifluoroethane	0.40	5.5		U
75-01-4	Vinyl chloride	0.52	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4001

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-17

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 0510417A

Level: (low/med) LOW Date Sampled: 05/08/06 13:13

% Moisture: not dec. 4 Date Analyzed: 05/19/06 23:40

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.4		U
75-25-2	Bromoform	0.63	5.4		U
74-83-9	Bromomethane	0.44	11		U
56-23-5	Carbon tetrachloride	0.26	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	0.43	11		U
67-66-3	Chloroform	0.46	5.4		U
74-87-3	Chloromethane	0.39	11		U
124-48-1	Dibromochloromethane	0.26	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	0.73	11		U
106-93-4	1,2-Dibromoethane	0.60	5.4		U
95-50-1	1,2-Dichlorobenzene	0.25	5.4		U
541-73-1	1,3-Dichlorobenzene	0.25	5.4		U
106-46-7	1,4-Dichlorobenzene	0.19	5.4		U
75-71-8	Dichlorodifluoromethane	0.32	11		U
75-34-3	1,1-Dichloroethane	0.44	5.4		U
107-06-2	1,2-Dichloroethane	0.46	5.4		U
75-35-4	1,1-Dichloroethene	0.34	5.4		U
156-59-2	cis-1,2-Dichloroethene	0.29	5.4		U
156-60-5	trans-1,2-Dichloroethene	0.59	5.4		U
78-87-5	1,2-Dichloropropane	0.61	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.38	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.40	5.4		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.34	5.4		U
127-18-4	Tetrachloroethene	0.22	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.33	5.4		U
71-55-6	1,1,1-Trichloroethane	0.36	5.4		U
79-00-5	1,1,2-Trichloroethane	0.53	5.4		U
79-01-6	Trichloroethene	0.44	5.4	2.8	IV
75-69-4	Trichlorofluoromethane	0.44	11		U
76-13-1	Trichlorotrifluoroethane	0.39	5.4		U
75-01-4	Vinyl chloride	0.50	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4003

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-18

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 0510418A

Level: (low/med) LOW Date Sampled: 05/08/06 13:25

% Moisture: not dec. 6 Date Analyzed: 05/20/06 00:10

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.4		U
75-25-2	Bromoform	0.64	5.4		U
74-83-9	Bromomethane	0.44	11		U
56-23-5	Carbon tetrachloride	0.26	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	0.43	11		U
67-66-3	Chloroform	0.46	5.4		U
74-87-3	Chloromethane	0.39	11	0.60	I
124-48-1	Dibromochloromethane	0.26	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	0.73	11		U
106-93-4	1,2-Dibromoethane	0.60	5.4		U
95-50-1	1,2-Dichlorobenzene	0.25	5.4		U
541-73-1	1,3-Dichlorobenzene	0.25	5.4		U
106-46-7	1,4-Dichlorobenzene	0.19	5.4		U
75-71-8	Dichlorodifluoromethane	0.32	11		U
75-34-3	1,1-Dichloroethane	0.44	5.4		U
107-06-2	1,2-Dichloroethane	0.46	5.4		U
75-35-4	1,1-Dichloroethene	0.34	5.4		U
156-59-2	cis-1,2-Dichloroethene	0.29	5.4		U
156-60-5	trans-1,2-Dichloroethene	0.59	5.4		U
78-87-5	1,2-Dichloropropane	0.61	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.38	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.40	5.4		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.34	5.4		U
127-18-4	Tetrachloroethene	0.23	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.33	5.4		U
71-55-6	1,1,1-Trichloroethane	0.37	5.4		U
79-00-5	1,1,2-Trichloroethane	0.53	5.4		U
79-01-6	Trichloroethene	0.44	5.4	0.91	IV
75-69-4	Trichlorofluoromethane	0.44	11		U
76-13-1	Trichlorotrifluoroethane	0.39	5.4		U
75-01-4	Vinyl chloride	0.51	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4101

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-15

Sample wt/vol: 4.2 (g/mL) G Lab File ID: 0510415A

Level: (low/med) LOW Date Sampled: 05/08/06 12:54

% Moisture: not dec. 3 Date Analyzed: 05/19/06 19:01

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: MDL	(ug/L or ug/Kg) RL	UG/KG CONC	Q
75-27-4	Bromodichloromethane	0.27	6.1		U
75-25-2	Bromoform	0.72	6.1		U
74-83-9	Bromomethane	0.50	12		U
56-23-5	Carbon tetrachloride	0.29	6.1		U
108-90-7	Chlorobenzene	3.0	6.1		U
75-00-3	Chloroethane	0.49	12		U
67-66-3	Chloroform	0.52	6.1		U
74-87-3	Chloromethane	0.44	12	0.71	I
124-48-1	Dibromochloromethane	0.29	6.1		U
96-12-8	1,2-Dibromo-3-chloropropane	0.83	12		U
106-93-4	1,2-Dibromoethane	0.68	6.1		U
95-50-1	1,2-Dichlorobenzene	0.28	6.1		U
541-73-1	1,3-Dichlorobenzene	0.28	6.1		U
106-46-7	1,4-Dichlorobenzene	0.22	6.1		U
75-71-8	Dichlorodifluoromethane	0.36	12		U
75-34-3	1,1-Dichloroethane	0.50	6.1		U
107-06-2	1,2-Dichloroethane	0.52	6.1		U
75-35-4	1,1-Dichloroethene	0.39	6.1		U
156-59-2	cis-1,2-Dichloroethene	0.33	6.1		U
156-60-5	trans-1,2-Dichloroethene	0.67	6.1		U
78-87-5	1,2-Dichloropropane	0.69	6.1		U
10061-01-5	cis-1,3-Dichloropropene	0.42	6.1		U
10061-02-6	trans-1,3-Dichloropropene	0.45	6.1		U
75-09-2	Methylene chloride	1.3	12		U
79-34-5	1,1,2,2-Tetrachloroethane	0.39	6.1		U
127-18-4	Tetrachloroethene	0.26	6.1		U
120-82-1	1,2,4-Trichlorobenzene	0.38	6.1		U
71-55-6	1,1,1-Trichloroethane	0.41	6.1		U
79-00-5	1,1,2-Trichloroethane	0.60	6.1		U
79-01-6	Trichloroethene	0.50	6.1	0.54	IV
75-69-4	Trichlorofluoromethane	0.50	12		U
76-13-1	Trichlorotrifluoroethane	0.44	6.1		U
75-01-4	Vinyl chloride	0.57	12		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4103

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: 0605104-16

Sample wt/vol: 4.9 (g/mL) G Lab File ID: 0510416A

Level: (low/med) LOW Date Sampled: 05/08/06 13:02

% Moisture: not dec. 8 Date Analyzed: 05/19/06 23:09

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.24	5.5		U
75-25-2	Bromoform	0.65	5.5		U
74-83-9	Bromomethane	0.45	11		U
56-23-5	Carbon tetrachloride	0.26	5.5		U
108-90-7	Chlorobenzene	2.7	5.5		U
75-00-3	Chloroethane	0.44	11		U
67-66-3	Chloroform	0.47	5.5		U
74-87-3	Chloromethane	0.40	11		U
124-48-1	Dibromochloromethane	0.26	5.5		U
96-12-8	1,2-Dibromo-3-chloropropane	0.75	11		U
106-93-4	1,2-Dibromoethane	0.62	5.5		U
95-50-1	1,2-Dichlorobenzene	0.25	5.5		U
541-73-1	1,3-Dichlorobenzene	0.25	5.5		U
106-46-7	1,4-Dichlorobenzene	0.20	5.5		U
75-71-8	Dichlorodifluoromethane	0.33	11		U
75-34-3	1,1-Dichloroethane	0.45	5.5		U
107-06-2	1,2-Dichloroethane	0.47	5.5		U
75-35-4	1,1-Dichloroethene	0.35	5.5		U
156-59-2	cis-1,2-Dichloroethene	0.30	5.5		U
156-60-5	trans-1,2-Dichloroethene	0.60	5.5		U
78-87-5	1,2-Dichloropropane	0.63	5.5		U
10061-01-5	cis-1,3-Dichloropropene	0.38	5.5		U
10061-02-6	trans-1,3-Dichloropropene	0.41	5.5		U
75-09-2	Methylene chloride	1.2	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.35	5.5		U
127-18-4	Tetrachloroethene	0.23	5.5		U
120-82-1	1,2,4-Trichlorobenzene	0.34	5.5	0.39	I
71-55-6	1,1,1-Trichloroethane	0.37	5.5		U
79-00-5	1,1,2-Trichloroethane	0.54	5.5		U
79-01-6	Trichloroethene	0.45	5.5	0.49	IV
75-69-4	Trichlorofluoromethane	0.45	11		U
76-13-1	Trichlorotrifluoroethane	0.40	5.5		U
75-01-4	Vinyl chloride	0.52	11		U

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG 0605104

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46SB3701	0605104-19	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB3202	0605104-03	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB4101	0605104-15	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB4003	0605104-18	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB4001	0605104-17	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3903	0605104-14	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3902D	0605104-13	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3902	0605104-12	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3803	0605104-11	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3802	0605104-10	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB4103	0605104-16	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3701D	0605104-20	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46TB0508	0605104-24	NM	5/8/2006	5/11/2006	5/11/2006	3	0	3
OV	%	46SB3603	0605104-09	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3601	0605104-08	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46SB3503	0605104-07	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3501D	0605104-06	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3501	0605104-05	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3403	0605104-23	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB3402	0605104-22	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB3303	0605104-02	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB3302	0605104-01	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	%	46SB3203	0605104-04	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	%	46SB3703	0605104-21	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3701	0605104-19	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB4103	0605104-16	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB4101	0605104-15	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB4003	0605104-18	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB4001	0605104-17	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3903	0605104-14	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3902D	0605104-13	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3902	0605104-12	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3803	0605104-11	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	46SB3802	0605104-10	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3202	0605104-03	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3701D	0605104-20	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3603	0605104-09	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3601	0605104-08	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3503	0605104-07	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3501D	0605104-06	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3501	0605104-05	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3403	0605104-23	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3402	0605104-22	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3303	0605104-02	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3302	0605104-01	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/KG	46SB3203	0605104-04	NM	5/8/2006	5/19/2006	5/19/2006	11	0	11
OV	UG/KG	46SB3703	0605104-21	NM	5/8/2006	5/20/2006	5/20/2006	12	0	12
OV	UG/L	46TB0508	0605104-24	NM	5/8/2006	5/11/2006	5/11/2006	3	0	3

FIELD DUPLICATE PRECISION

ANALYTE	46SB3501	QUAL	46SB3501D	QUAL	RPD	DIFFERENCE
Chloromethane	0.5	J	0.47	J	6.19	0.03
Trichloroethene	2	J	1.8	J	10.53	0.2
ANALYTE	46SB3701	QUAL	46SB3701D	QUAL	RPD	DIFFERENCE
Chloromethane	0.59	J	0.6	J	1.68	0.01
1,2-Dichlorobenzene	0.27	J	5.9	U	182.50	5.63
Trichloroethene	0.66	J	5.9	U	159.76	5.24
ANALYTE	46SB3901	QUAL	46SB3901D	QUAL	RPD	DIFFERENCE
Chloromethane	0.54	J	0.63	J	15.38	0.09
Trichloroethene	1.1	J	0.9	J	20.00	0.2

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Pensacola, FL CTO367
Project Manager: B. Olson
SDG: 0605104
Work Order: 0605104

Lab Sample ID	COC Sample ID	Dilution
0605104-01	46SB3302	400
0605104-02	46SB3303	50
0605104-03	46SB3202	1
0605104-04	46SB3203	1
0605104-05	46SB3501	1
0605104-06	46SB3501D	1
0605104-07	46SB3503	1
0605104-08	46SB3601	1
0605104-09	46SB3603	1
0605104-10	46SB3802	1
0605104-11	46SB3803	1
0605104-12	46SB3902	1
0605104-13	46SB3902D	1
0605104-14	46SB3903	1
0605104-15	46SB4101	1
0605104-16	46SB4103	1
0605104-17	46SB4001	1
0605104-18	46SB4003	1
0605104-19	46SB3701	1
0605104-20	46SB3701D	1
0605104-21	46SB3703	1
0605104-22	46SB3402	50
0605104-23	46SB3403	50
0605104-24	46TB0508	1

Volatiles

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 5035/8260B or 5030B/8260B (TerraCore or VOA vial field sampling followed by purge and trap then capillary column GC/MS) for soils or trip blanks upon receipt to the laboratory in satisfactory condition.

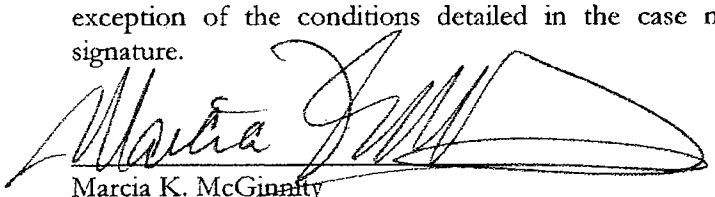
Comments: The volatile analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- Sample analyses are based on screen results. Many samples are not reported without dilution. Soil samples are reported from the low-level vial and/or methanol extract, as necessary, depending on screen results and analyte concentrations. See table above for reported dilutions.

bromomethane, chloromethane, dichlorobenzenes, trichlorobenzene and/or trichloroethene at concentrations below the quantitation limit. Reported concentrations in the associated samples within 5x the method blank concentration are flagged with a "V".

- Several of the samples had low recovery of the surrogate dibromofluoromethane. Results from previously reported samples revealed this to be due to the high pH of the samples.
- In spike samples 46SB3402MS/MSD, 9 of 66 recoveries and 0 of 33 relative percent differences were outside the established limits. See form 3.

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.



Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The reported non-detect result may be due to a low bias as the CCV for the confirmation column exceeded the limit on the low side.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 2672 | PAGE 2 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEN	G. Walker	850 385 9899	Empirical M. McGinnity
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]		Bill Olson	850 210 3681	227 French Landing Dr. Suite 550
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fedex 8560 3460 8570		Nashville TN

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P/G
PRESERVATIVE USED: meoH

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS CVOC 8260	COMMENTS
104											
01	5/8	1003	46SB3302	SB33	6"	2'	SO	G	4	4	
02	5/8	1010	46SB3303	SB33	2'	4'	SO	G	4	4	
03	5/8	1021	46SB3202	SB32	6"	2'	SO	G	4	4	
04	5/8	1026	46SB3203	SB32	2'	4'	SO	G	4	4	
05	5/8	1038	46SB3501	SB35	0	6"	SO	G	4	4	
06	5/8	1038	46SB3501D	SB35	0	6"	SO	G	4	4	
07	5/8	1100	46SB3503	SB35	2	4	SO	G	4	4	
08	5/8	1113	46SB3601	SB36	0	6"	SO	G	4	4	
09	5/8	1126	46SB3603	SB36	2	4	SO	G	4	4	
10	5/8	1152	46SB3802	SB38	6"	2'	SO	G	4	4	
11	5/8	1205	46SB3803	SB38	2'	4'	SO	G	4	4	
12	5/8	1225	46SB3902	SB39	6"	2'	SO	G	4	4	
13	5/8	1225	46SB3902D	SB39	6"	2'	SO	G	4	4	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	5-8/06	1945	1. RECEIVED BY [signature]	5-9-06	900
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

3.1

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 2682 | PAGE 3 OF 4

PROJECT NO: N00007	FACILITY: PEW	PROJECT MANAGER: G. W. Alker	PHONE NUMBER: 850 385 9899
SAMPLERS (SIGNATURE): [signature]		FIELD OPERATIONS LEADER: W. D. Olson	PHONE NUMBER: 850 210 3681
		CARRIER/WAYBILL NUMBER: Fedex 8560 3460 8570 ~~210 3681~~	

LABORATORY NAME AND CONTACT: Empiriola M. McGinnity
ADDRESS: 227 French Landing Dr. Suite 550
CITY, STATE: Nashville TN

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): P/G
PRESERVATIVE USED: MeOH

TYPE OF ANALYSIS: CVOC 8260

	DATE YEAR 2006	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CVOC 8260	COMMENTS
14	5/8	1237	46SB3903	SB39	2	4	SO	G	4	4	
15	5/8	1254	46SB4101	SB41	0	6"	SO	G	4	4	
16	5/8	1302	46SB4103	SB41	2	4	SO	G	4	4	
17	5/8	1313	46SB4001	SB40	0	6"	SO	G	4	4	
18	5/8	1325	46SB4003	SB40	2	4	SO	G	4	4	
19	5/8	1331	46SB3701	SB37	0	6"	SO	G	4	4	
20	5/8	1331	46SB370LD	SB37	0	6"	SO	G	4	4	
21	5/8	1348	46SB3703	SB37	2	4	SO	G	4	4	
22	5/8	1405	46SB3402	SB34	6"	2'	SO	G	4	4	
23	5/8	1405	46SB3402MS	SB34	6"	2'	SO	G	4	4	
24	5/8	1405	46SB3402MSD	SB34	6"	2'	SO	G	4	4	
25	5/8	1415	46SB3403	SB34	2	4	S	G	4	4	
26	5/8	0800	~~Trip~~ 46TB0508	QA						2	

1. RELINQUISHED BY: [signature]	DATE: 5-8/06	TIME: 1745	1. RECEIVED BY: [signature]	DATE: 5-9-06	TIME: 900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

3-1

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R

EMPIRICAL LABORATORIES
COOLER RECEIPT FORM

LIMS Number 0605104 COC ID(s): 2672

Client Tetra Tech Project Pensacola

Sample Custodian Andy Bartz Today's Date 5-9-06

Date/Time Samples Received 5-9 900
Airbill Number FX
Cooler Opened: Date 5-9

Chain of custody seals intact?	(Yes)	No
Chain of custody provided?	(Yes)	No
Sample labels present?	(Yes)	No
Bottle labels correspond w/COC	(Yes)	No

Number of Custody Seals on Cooler(s): 2 Seal Date(s): 5-8

Type of coolant used ICE

Coolant condition: Melted _____ Partially melted/frozen ✓
Frozen _____

# of Coolers 1 Temp. of Coolers 3.1

Condition of Bottles in Shipment: Broken Leaking (Intact) Missing

If broken or leaking list sample ID#s and bottle types affected:

_____

_____

_____

Comments:

_____

_____

_____

_____

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V4PBLK0519LC	91	80	102	100	0
02	V4PBLK0519	103	106	105	103	0
03	46SB3202	91	86	110	102	0
04	46SB3203	96	82	109	102	0
05	46SB3501	89	85	104	102	0
06	46SB3501D	66*	91	104	101	1
07	46SB3503	76*	97	106	99	1
08	46SB3601	61*	84	108	103	1
09	46SB3603	96	76	104	100	0
10	46SB3802	92	90	107	104	0
11	46SB3803	84	86	104	103	0
12	46SB3902	59*	91	110	107	1
13	46SB3902D	79*	90	111	106	1
14	46SB3903	79*	80	107	103	1
15	46SB4101	86	87	106	103	0
16	V4PBLK0519EL	100	83	98	98	0
17	V4PBLK0519E	101	90	105	107	0
18	46SB4103	97	85	106	106	0
19	46SB4001	35*	90	107	101	1
20	46SB4003	83	91	102	100	0
21	46SB3701D	58*	82	104	100	1
22	46SB3703	97	86	109	104	0
23	V4PBLK0520LC	95	90	100	97	0
24	V4PBLK0520	105	97	108	105	0
25	46SB3701	24*	78	108	97	1
26						
27						
28						
29						
30						

		EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM)	= Dibromofluoromethane	(80-125)	30
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(75-140)	30
SMC3 (TOL)	= Toluene-d8	(80-120)	30
SMC4 (BFB)	= Bromofluorobenzene	(80-125)	30

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Level: (low/med) MED

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V4PMBLK0519	106	100	104	106	0
02	46SB3402	101	102	101	100	0
03	46SB3403	99	95	103	100	0
04	46SB3303	101	87	106	108	0
05	46SB3302	101	98	107	104	0
06	46SB3402 MS	104	98	97	99	0
07	46SB3402 MSD	94	93	102	98	0
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
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22						
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26						
27						
28						
29						
30						

		EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM)	= Dibromofluoromethane	(80-125)	1500
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(75-140)	1500
SMC3 (TOL)	= Toluene-d8	(80-120)	1500
SMC4 (BFB)	= Bromofluorobenzene	(80-125)	1500

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V5BLK0511LCS	104	92	97	101	0
02	V5BLK0511	107	106	105	95	0
03	46TB0508	115	110	102	97	0
04						
05						
06						
07						
08						
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10						
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30						

		EL QC LIMITS	SPIKE CONC (ug/L)
SMC1 (DFM)	= Dibromofluoromethane	(85-120)	30
SMC2 (DCE)	= 1,2-Dichloroethane-d4	(80-135)	30
SMC3 (TOL)	= Toluene-d8	(85-115)	30
SMC4 (BFB)	= Bromofluorobenzene	(85-120)	30

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: 46SB3402 Lab Sample ID: 0605104-22

Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Bromodichloromethane	2927	0.0000	4219	144	70-145
Bromoform	2927	0.0000	3876	132*	60-130
Bromomethane	2927	0.0000	2963	101	50-160
Carbon tetrachloride	2927	0.0000	4312	147*	65-140
Chlorobenzene	2927	0.0000	3401	116	70-120
Chloroethane	2927	0.0000	3428	117	60-145
Chloroform	2927	0.0000	4135	141*	65-135
Chloromethane	2927	0.0000	3429	117	50-150
Dibromochloromethane	2927	0.0000	3922	134	70-140
1,2-Dibromo-3-chloropro	2927	0.0000	3822	130	55-145
1,2-Dibromoethane	2927	0.0000	3631	124	70-135
1,2-Dichlorobenzene	2927	227.4	3848	124	75-125
1,3-Dichlorobenzene	2927	14.22	3908	133*	70-125
1,4-Dichlorobenzene	2927	105.2	3782	126*	70-125
Dichlorodifluoromethane	2927	0.0000	3585	122	35-155
1,1-Dichloroethane	2927	0.0000	4027	138*	70-135
1,2-Dichloroethane	2927	0.0000	4178	143*	65-140
1,1-Dichloroethene	2927	0.0000	3903	133	65-135
cis-1,2-Dichloroethene	2927	0.0000	3823	131	70-135
trans-1,2-Dichloroethen	2927	0.0000	3993	136	65-140
1,2-Dichloropropane	2927	0.0000	3817	130	70-135
cis-1,3-Dichloropropene	2927	0.0000	3945	135	75-135
trans-1,3-Dichloroprope	2927	0.0000	3368	115	65-125
Methylene chloride	2927	527.3	3976	118	55-155
1,1,2,2-Tetrachloroetha	2927	0.0000	3338	114	65-130
Tetrachloroethene	2927	85.37	3641	121	65-130
1,2,4-Trichlorobenzene	2927	25.09	3025	102	55-135
1,1,1-Trichloroethane	2927	25.66	4247	144*	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: 46SB3402 Lab Sample ID: 0605104-22

Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	2927	0.0000	3462	118	70-130
Trichloroethene	2927	1455	5401	135	60-145
Trichlorofluoromethane	2927	0.0000	4132	141	60-145
Trichlorotrifluoroethan	2927	0.0000	4543	155*	60-140
Vinyl chloride	2927	0.0000	2992	102	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: 46SB3402 Lab Sample ID: 0605104-22

Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromodichloromethane	2927	3586	122	16	50	70-145
Bromoform	2927	3369	115	14	50	60-130
Bromomethane	2927	2597	89	13	50	50-160
Carbon tetrachloride	2927	3829	131	12	50	65-140
Chlorobenzene	2927	3390	116	0	50	70-120
Chloroethane	2927	3302	113	4	50	60-145
Chloroform	2927	3591	123	14	50	65-135
Chloromethane	2927	3389	116	1	50	50-150
Dibromochloromethane	2927	3665	125	7	50	70-140
1,2-Dibromo-3-chloropro	2927	3159	108	19	50	55-145
1,2-Dibromoethane	2927	3434	117	6	50	70-135
1,2-Dichlorobenzene	2927	3485	111	10	50	75-125
1,3-Dichlorobenzene	2927	3342	114	16	50	70-125
1,4-Dichlorobenzene	2927	3077	102	20	50	70-125
Dichlorodifluoromethane	2927	3083	105	15	50	35-155
1,1-Dichloroethane	2927	3589	123	12	50	70-135
1,2-Dichloroethane	2927	3380	115	21	50	65-140
1,1-Dichloroethene	2927	3554	121	9	50	65-135
cis-1,2-Dichloroethene	2927	3430	117	11	50	70-135
trans-1,2-Dichloroethen	2927	3604	123	10	50	65-140
1,2-Dichloropropane	2927	3384	116	12	50	70-135
cis-1,3-Dichloropropene	2927	3443	118	14	50	75-135
trans-1,3-Dichloroprope	2927	3186	109	6	50	65-125
Methylene chloride	2927	3809	112	4	50	55-155
1,1,2,2-Tetrachloroetha	2927	2848	97	16	50	65-130
Tetrachloroethene	2927	3587	120	1	50	65-130
1,2,4-Trichlorobenzene	2927	2990	101	1	50	55-135
1,1,1-Trichloroethane	2927	3702	126	14	50	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: 46SB3402 Lab Sample ID: 0605104-22

Level: (low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichloroethane	2927	3305	113	5	50	70-130
Trichloroethene	2927	4972	120	8	50	60-145
Trichlorofluoromethane	2927	3619	124	13	50	60-145
Trichlorotrifluoroethan	2927	4050	138	11	50	60-140
Vinyl chloride	2927	2864	98	4	50	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 33 outside limits
Spike Recovery: 9 out of 66 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0519 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	52.56	105	70-145
Bromoform	50.00	0.0000	49.01	98	60-130
Bromomethane	50.00	0.0000	39.83	80	50-160
Carbon tetrachloride	50.00	0.0000	51.69	103	65-140
Chlorobenzene	50.00	0.0000	52.23	104	70-120
Chloroethane	50.00	0.0000	48.93	98	60-145
Chloroform	50.00	0.0000	51.12	102	65-135
Chloromethane	50.00	0.0000	46.69	93	50-150
Dibromochloromethane	50.00	0.0000	56.99	114	70-140
1,2-Dibromo-3-chloropro	50.00	0.0000	53.90	108	55-145
1,2-Dibromoethane	50.00	0.0000	50.32	101	70-135
1,2-Dichlorobenzene	50.00	0.0000	55.14	110	75-125
1,3-Dichlorobenzene	50.00	0.0000	54.13	108	70-125
1,4-Dichlorobenzene	50.00	0.0000	54.99	110	70-125
Dichlorodifluoromethane	50.00	0.0000	41.40	83	35-155
1,1-Dichloroethane	50.00	0.0000	50.77	102	70-135
1,2-Dichloroethane	50.00	0.0000	49.39	99	65-140
1,1-Dichloroethene	50.00	0.0000	50.37	101	65-135
cis-1,2-Dichloroethene	50.00	0.0000	50.66	101	70-135
trans-1,2-Dichloroethen	50.00	0.0000	52.57	105	65-140
1,2-Dichloropropane	50.00	0.0000	50.18	100	70-135
cis-1,3-Dichloropropene	50.00	0.0000	52.89	106	75-135
trans-1,3-Dichloroprope	50.00	0.0000	49.92	100	65-125
Methylene chloride	50.00	0.0000	40.30	81	55-155
1,1,2,2-Tetrachloroetha	50.00	0.0000	45.52	91	65-130
Tetrachloroethene	50.00	0.0000	52.72	105	65-130
1,2,4-Trichlorobenzene	50.00	0.0000	64.70	129	55-135
1,1,1-Trichloroethane	50.00	0.0000	50.43	101	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0519 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	51.00	102	70-130
Trichloroethene	50.00	0.7684	50.60	100	60-145
Trichlorofluoromethane	50.00	0.0000	47.93	96	60-145
Trichlorotrifluoroethan	50.00	0.0000	54.29	108	60-140
Vinyl chloride	50.00	0.0000	46.32	93	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0519E Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	56.04	112	70-145
Bromoform	50.00	0.0000	50.11	100	60-130
Bromomethane	50.00	0.0000	43.47	87	50-160
Carbon tetrachloride	50.00	0.0000	58.47	117	65-140
Chlorobenzene	50.00	0.0000	49.78	100	70-120
Chloroethane	50.00	0.0000	51.00	102	60-145
Chloroform	50.00	0.0000	55.62	111	65-135
Chloromethane	50.00	0.0000	49.39	99	50-150
Dibromochloromethane	50.00	0.0000	55.00	110	70-140
1,2-Dibromo-3-chloropro	50.00	0.0000	55.30	111	55-145
1,2-Dibromoethane	50.00	0.0000	50.38	101	70-135
1,2-Dichlorobenzene	50.00	0.3110	51.21	102	75-125
1,3-Dichlorobenzene	50.00	0.2416	51.20	102	70-125
1,4-Dichlorobenzene	50.00	0.2612	51.35	102	70-125
Dichlorodifluoromethane	50.00	0.0000	47.13	94	35-155
1,1-Dichloroethane	50.00	0.0000	54.24	108	70-135
1,2-Dichloroethane	50.00	0.0000	54.13	108	65-140
1,1-Dichloroethene	50.00	0.0000	56.17	112	65-135
cis-1,2-Dichloroethene	50.00	0.0000	54.06	108	70-135
trans-1,2-Dichloroethen	50.00	0.0000	56.87	114	65-140
1,2-Dichloropropane	50.00	0.0000	51.03	102	70-135
cis-1,3-Dichloropropene	50.00	0.0000	55.63	111	75-135
trans-1,3-Dichloroprope	50.00	0.0000	47.66	95	65-125
Methylene chloride	50.00	0.0000	54.36	109	55-155
1,1,2,2-Tetrachloroetha	50.00	0.0000	45.79	92	65-130
Tetrachloroethene	50.00	0.0000	53.67	107	65-130
1,2,4-Trichlorobenzene	50.00	0.0000	51.28	102	55-135
1,1,1-Trichloroethane	50.00	0.0000	56.16	112	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0519E Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	51.45	103	70-130
Trichloroethene	50.00	0.6812	53.77	106	60-145
Trichlorofluoromethane	50.00	0.0000	54.51	109	60-145
Trichlorotrifluoroethan	50.00	0.0000	62.66	125	60-140
Vinyl chloride	50.00	0.0000	51.88	104	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0520 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	52.56	105	70-145
Bromoform	50.00	0.0000	48.87	98	60-130
Bromomethane	50.00	0.0000	43.70	87	50-160
Carbon tetrachloride	50.00	0.0000	55.00	110	65-140
Chlorobenzene	50.00	0.0000	51.65	103	70-120
Chloroethane	50.00	0.0000	49.52	99	60-145
Chloroform	50.00	0.0000	54.34	109	65-135
Chloromethane	50.00	0.0000	48.22	96	50-150
Dibromochloromethane	50.00	0.0000	53.96	108	70-140
1,2-Dibromo-3-chloropro	50.00	0.0000	49.04	98	55-145
1,2-Dibromoethane	50.00	0.0000	48.84	98	70-135
1,2-Dichlorobenzene	50.00	0.0000	53.42	107	75-125
1,3-Dichlorobenzene	50.00	0.3022	53.58	106	70-125
1,4-Dichlorobenzene	50.00	0.0000	56.82	114	70-125
Dichlorodifluoromethane	50.00	0.0000	44.17	88	35-155
1,1-Dichloroethane	50.00	0.0000	52.13	104	70-135
1,2-Dichloroethane	50.00	0.0000	51.38	103	65-140
1,1-Dichloroethene	50.00	0.0000	55.13	110	65-135
cis-1,2-Dichloroethene	50.00	0.0000	51.12	102	70-135
trans-1,2-Dichloroethen	50.00	0.0000	54.96	110	65-140
1,2-Dichloropropane	50.00	0.0000	52.00	104	70-135
cis-1,3-Dichloropropene	50.00	0.0000	53.04	106	75-135
trans-1,3-Dichloroprope	50.00	0.0000	50.22	100	65-125
Methylene chloride	50.00	0.0000	40.06	80	55-155
1,1,2,2-Tetrachloroetha	50.00	0.0000	46.56	93	65-130
Tetrachloroethene	50.00	0.0000	54.20	108	65-130
1,2,4-Trichlorobenzene	50.00	0.6040	59.43	118	55-135
1,1,1-Trichloroethane	50.00	0.0000	54.39	109	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V4PBLK0520 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	48.98	98	70-130
Trichloroethene	50.00	0.5213	51.83	103	60-145
Trichlorofluoromethane	50.00	0.0000	51.27	102	60-145
Trichlorotrifluoroethan	50.00	0.0000	58.56	117	60-140
Vinyl chloride	50.00	0.0000	50.29	100	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V5BLK0511

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	52.66	105	85-140
Bromoform	50.00	0.0000	48.64	97	70-130
Bromomethane	50.00	0.0000	52.14	104	50-160
Carbon tetrachloride	50.00	0.0000	49.78	100	75-135
Chlorobenzene	50.00	0.0000	47.54	95	80-110
Chloroethane	50.00	0.0000	58.86	118	60-145
Chloroform	50.00	0.0000	48.03	96	80-125
Chloromethane	50.00	0.0000	64.78	130	35-160
Dibromochloromethane	50.00	0.0000	49.52	99	80-120
1,2-Dibromo-3-chloropro	50.00	0.0000	47.61	95	65-125
1,2-Dibromoethane	50.00	0.0000	51.79	104	85-115
1,2-Dichlorobenzene	50.00	0.0000	51.39	103	85-110
1,3-Dichlorobenzene	50.00	0.0000	48.43	97	80-110
1,4-Dichlorobenzene	50.00	0.0000	49.50	99	80-110
Dichlorodifluoromethane	50.00	0.0000	68.45	137	10-180
1,1-Dichloroethane	50.00	0.0000	51.62	103	80-125
1,2-Dichloroethane	50.00	0.0000	51.42	103	75-130
1,1-Dichloroethene	50.00	0.0000	57.50	115	65-120
cis-1,2-Dichloroethene	50.00	0.0000	44.16	88	75-125
trans-1,2-Dichloroethen	50.00	0.0000	46.72	93	75-125
1,2-Dichloropropane	50.00	0.0000	58.99	118	80-120
cis-1,3-Dichloropropene	50.00	0.0000	48.54	97	80-125
trans-1,3-Dichloroprope	50.00	0.0000	52.26	104	75-115
Methylene chloride	50.00	1.885	58.30	113	65-135
1,1,2,2-Tetrachloroetha	50.00	0.0000	45.24	90	55-140
Tetrachloroethene	50.00	0.0000	52.25	104	75-115
1,2,4-Trichlorobenzene	50.00	0.0000	52.68	105	60-125
1,1,1-Trichloroethane	50.00	0.0000	49.82	100	80-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix Spike - Client Sample No.: V5BLK0511

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	51.18	102	80-120
Trichloroethene	50.00	0.0000	58.10	116	75-120
Trichlorofluoromethane	50.00	0.0000	54.18	108	70-140
Trichlorotrifluoroethan	50.00	0.0000	50.68	101	70-140
Vinyl chloride	50.00	0.0000	69.23	138	40-150

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4BFB01 BFB Injection Date: 05/16/06

Instrument ID: VOA4 BFB Injection Time: 1503

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.0
75	30.0 - 60.0% of mass 95	48.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	78.0
175	5.0 - 9.0% of mass 174	6.5 (8.3)1
176	95.0 - 101.0% of mass 174	76.4 (97.9)1
177	5.0 - 9.0% of mass 176	5.1 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V4STD200PPB	V4STD200PPB	V4STD07	05/16/06	1604
02	V4STD100PPB	V4STD100PPB	V4STD06	05/16/06	1635
03	V4STD50PPB	V4STD50PPB	V4STD05	05/16/06	1706
04	V4STD20PPB	V4STD20PPB	V4STD04	05/16/06	1808
05	V4STD10PPB	V4STD10PPB	V4STD03	05/16/06	1839
06	V4STD5.0PPB	V4STD5.0PPB	V4STD02	05/16/06	1910
07	V4STD2.0PPB	V4STD2.0PPB	V4STD01	05/16/06	1941
08					
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FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date(s): 05/16/06 05/16/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1604 1941

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Bromodichloromethane	AVRG		0.29531566	7.2
Bromoform	AVRG		0.35575262	14.2
Bromomethane	LINR	0.00000000	0.26953859	0.996
Carbon tetrachloride	AVRG		0.54806553	7.4
Chlorobenzene	AVRG		1.86994904	11.9
Chloroethane	AVRG		0.19751141	9.0
Chloroform	AVRG		0.47859914	7.2
Chloromethane	LINR	0.00000000	0.36391156	0.999
Dibromochloromethane	AVRG		0.48254584	6.8
1,2-Dibromo-3-chloropropane	AVRG		6.937e-002	11.7
1,2-Dibromoethane	AVRG		0.37483330	5.8
1,2-Dichlorobenzene	AVRG		1.17288317	6.8
1,3-Dichlorobenzene	AVRG		1.52300456	10.8
1,4-Dichlorobenzene	AVRG		1.54207881	11.9
Dichlorodifluoromethane	AVRG		0.49108670	7.2
1,1-Dichloroethane	AVRG		0.49884972	7.5
1,2-Dichloroethane	AVRG		0.26896056	7.9
1,1-Dichloroethene	AVRG		0.30665582	7.4
cis-1,2-Dichloroethene	AVRG		0.27428033	7.8
trans-1,2-Dichloroethene	AVRG		0.30091100	8.3
1,2-Dichloropropane	AVRG		0.20087219	9.6
cis-1,3-Dichloropropene	AVRG		0.29015485	10.9
trans-1,3-Dichloropropene	AVRG		0.65224955	6.2
Methylene chloride	LINR	-0.3744312	0.22055993	0.999
1,1,2,2-Tetrachloroethane	AVRG		0.42076879	8.5
Tetrachloroethene	AVRG		1.00290249	10.8
1,2,4-Trichlorobenzene	AVRG		0.72132353	10.2
1,1,1-Trichloroethane	AVRG		0.57780516	8.5
1,1,2-Trichloroethane	AVRG		0.26437862	6.9
Trichloroethene	LINR	0.00000000	0.34408949	0.999
Trichlorofluoromethane	AVRG		0.64108619	7.4
Trichlorotrifluoroethane	AVRG		0.35932619	7.4
Vinyl chloride	AVRG		0.38428394	7.9
Dibromofluoromethane	AVRG		0.28924164	1.7
1,2-Dichloroethane-d4	AVRG		4.559e-002	4.0
Toluene-d8	AVRG		2.43923073	7.9

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date(s): 05/16/06 05/16/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1604 1941

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Bromofluorobenzene	AVRG		0.89095153	8.5

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4BFB01 BFB Injection Date: 05/19/06

Instrument ID: VOA4 BFB Injection Time: 0738

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	48.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.1 (0.1)1
174	Greater than 50.0% of mass 95	83.9
175	5.0 - 9.0% of mass 174	5.5 (6.6)1
176	95.0 - 101.0% of mass 174	82.1 (97.8)1
177	5.0 - 9.0% of mass 176	6.0 (7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V4STD50PPB	V4STD50PPB	V4CCV01	05/19/06	0840
02	V4PBLK0519LC	V4PBLK0519LCS	V4LCS01	05/19/06	0915
03	V4PBLK0519	V4PBLK0519	V4PBLK01	05/19/06	1104
04	V4PMBLK0519	V4PMBLK0519	V4MBLK01	05/19/06	1147
05	46SB3202	0605104-03	0510403A	05/19/06	1249
06	46SB3203	0605104-04	0510404A	05/19/06	1320
07	46SB3501	0605104-05	0510405A	05/19/06	1351
08	46SB3501D	0605104-06	0510406A	05/19/06	1422
09	46SB3503	0605104-07	0510407A	05/19/06	1453
10	46SB3601	0605104-08	0510408A	05/19/06	1524
11	46SB3603	0605104-09	0510409A	05/19/06	1555
12	46SB3802	0605104-10	0510410A	05/19/06	1626
13	46SB3803	0605104-11	0510411A	05/19/06	1657
14	46SB3902	0605104-12	0510412A	05/19/06	1728
15	46SB3902D	0605104-13	0510413A	05/19/06	1759
16	46SB3903	0605104-14	0510414A	05/19/06	1830
17	46SB4101	0605104-15	0510415A	05/19/06	1901
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/19/06 Time: 0840

Lab File ID: V4CCV01 Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.295	0.305	50.00	51.70		AVRG	3.4	
Bromoform	0.356	0.331	50.00	46.51	0.100	AVRG	-7.0	
Bromomethane	0.222	0.194	50.00	35.90		LINR	-28.2	
Carbon tetrachloride	0.548	0.552	50.00	50.37		AVRG	0.7	
Chlorobenzene	1.870	1.766	50.00	47.21	0.300	AVRG	-5.6	
Chloroethane	0.197	0.181	50.00	45.86		AVRG	-8.3	
Chloroform	0.478	0.484	50.00	50.59		AVRG	1.2	20.0
Chloromethane	0.358	0.333	50.00	45.76	0.100	LINR	-8.5	
Dibromochloromethane	0.483	0.507	50.00	52.53		AVRG	5.1	
1,2-Dibromo-3-chloropropane	0.069	0.057	50.00	40.88		AVRG	-18.2	
1,2-Dibromoethane	0.375	0.354	50.00	47.25		AVRG	-5.5	
1,2-Dichlorobenzene	1.173	1.174	50.00	50.07		AVRG	0.1	
1,3-Dichlorobenzene	1.523	1.701	50.00	55.86		AVRG	11.7	
1,4-Dichlorobenzene	1.542	1.534	50.00	49.72		AVRG	-0.6	
Dichlorodifluoromethane	0.491	0.405	50.00	41.22		AVRG	-17.6	
1,1-Dichloroethane	0.499	0.489	50.00	49.02	0.100	AVRG	-2.0	
1,2-Dichloroethane	0.269	0.261	50.00	48.50		AVRG	-3.0	
1,1-Dichloroethene	0.307	0.299	50.00	48.81		AVRG	-2.4	20.0
cis-1,2-Dichloroethene	0.274	0.276	50.00	50.36		AVRG	0.7	
trans-1,2-Dichloroethene	0.301	0.305	50.00	50.65		AVRG	1.3	
1,2-Dichloropropane	0.201	0.187	50.00	46.67		AVRG	-6.6	20.0
cis-1,3-Dichloropropene	0.290	0.290	50.00	49.99		AVRG	-0.0	
trans-1,3-Dichloropropene	0.652	0.610	50.00	46.79		AVRG	-6.4	
Methylene chloride	0.399	0.224	50.00	39.57		LINR	-20.9	
1,1,2,2-Tetrachloroethane	0.421	0.347	50.00	41.22	0.300	AVRG	-17.5	
Tetrachloroethene	1.003	0.942	50.00	46.95		AVRG	-6.1	
1,2,4-Trichlorobenzene	0.721	0.722	50.00	50.08		AVRG	0.2	
1,1,1-Trichloroethane	0.578	0.565	50.00	48.92		AVRG	-2.2	
1,1,2-Trichloroethane	0.264	0.242	50.00	45.78		AVRG	-8.4	
Trichloroethene	0.407	0.329	50.00	47.76		LINR	-4.5	
Trichlorofluoromethane	0.641	0.596	50.00	46.47		AVRG	-7.1	
Trichlorotrifluoroethane	0.359	0.381	50.00	53.01		AVRG	6.0	
Vinyl chloride	0.384	0.357	50.00	46.40		AVRG	-7.2	20.0
Dibromofluoromethane	0.289	0.278	30.00	28.81		AVRG	-4.0	
1,2-Dichloroethane-d4	0.045	0.043	30.00	28.33		AVRG	-5.6	
Toluene-d8	2.439	2.495	30.00	30.69		AVRG	2.3	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/19/06 Time: 0840

Lab File ID: V4CCV01 Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.891	0.920	30.00	30.98		AVRG	3.3	

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V4PBLK0519

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4PBLK01 Lab Sample ID: V4PBLK0519

Date Analyzed: 05/19/06 Time Analyzed: 1104

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V4PBLK0519LC	V4PBLK0519LCS	V4LCS01	0915
02	46SB3202	0605104-03	0510403A	1249
03	46SB3203	0605104-04	0510404A	1320
04	46SB3501	0605104-05	0510405A	1351
05	46SB3501D	0605104-06	0510406A	1422
06	46SB3503	0605104-07	0510407A	1453
07	46SB3601	0605104-08	0510408A	1524
08	46SB3603	0605104-09	0510409A	1555
09	46SB3802	0605104-10	0510410A	1626
10	46SB3803	0605104-11	0510411A	1657
11	46SB3902	0605104-12	0510412A	1728
12	46SB3902D	0605104-13	0510413A	1759
13	46SB3903	0605104-14	0510414A	1830
14	46SB4101	0605104-15	0510415A	1901
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V4PBLK0519

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: V4PBLK0519

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4PBLK01

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/19/06 11:04

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.22	5.0		U
75-25-2	Bromoform	0.59	5.0		U
74-83-9	Bromomethane	0.41	10		U
56-23-5	Carbon tetrachloride	0.24	5.0		U
108-90-7	Chlorobenzene	2.5	5.0		U
75-00-3	Chloroethane	0.40	10		U
67-66-3	Chloroform	0.43	5.0		U
74-87-3	Chloromethane	0.36	10		U
124-48-1	Dibromochloromethane	0.24	5.0		U
96-12-8	1,2-Dibromo-3-chloropropane	0.68	10		U
106-93-4	1,2-Dibromoethane	0.56	5.0		U
95-50-1	1,2-Dichlorobenzene	0.23	5.0		U
541-73-1	1,3-Dichlorobenzene	0.23	5.0		U
106-46-7	1,4-Dichlorobenzene	0.18	5.0		U
75-71-8	Dichlorodifluoromethane	0.30	10		U
75-34-3	1,1-Dichloroethane	0.41	5.0		U
107-06-2	1,2-Dichloroethane	0.43	5.0		U
75-35-4	1,1-Dichloroethene	0.32	5.0		U
156-59-2	cis-1,2-Dichloroethene	0.27	5.0		U
156-60-5	trans-1,2-Dichloroethene	0.55	5.0		U
78-87-5	1,2-Dichloropropane	0.57	5.0		U
10061-01-5	cis-1,3-Dichloropropene	0.35	5.0		U
10061-02-6	trans-1,3-Dichloropropene	0.37	5.0		U
75-09-2	Methylene chloride	1.1	10		U
79-34-5	1,1,2,2-Tetrachloroethane	0.32	5.0		U
127-18-4	Tetrachloroethene	0.21	5.0		U
120-82-1	1,2,4-Trichlorobenzene	0.31	5.0		U
71-55-6	1,1,1-Trichloroethane	0.34	5.0		U
79-00-5	1,1,2-Trichloroethane	0.49	5.0		U
79-01-6	Trichloroethene	0.41	5.0	0.77	I
75-69-4	Trichlorofluoromethane	0.41	10		U
76-13-1	Trichlorotrifluoroethane	0.36	5.0		U
75-01-4	Vinyl chloride	0.47	10		U

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4BFB01E BFB Injection Date: 05/19/06

Instrument ID: VOA4 BFB Injection Time: 2003

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	46.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.5
173	Less than 2.0% of mass 174	0.1 (0.1)1
174	Greater than 50.0% of mass 95	81.2
175	5.0 - 9.0% of mass 174	4.7 (5.8)1
176	95.0 - 101.0% of mass 174	80.1 (98.7)1
177	5.0 - 9.0% of mass 176	5.5 (6.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V4STDE50PPB	V4STDE50PPB	V4CCV01E	05/19/06	2034
02	V4PBLK0519EL	V4PBLK0519ELCS	V4LCS01E	05/19/06	2105
03	V4PBLK0519E	V4PBLK0519E	V4PBLK02	05/19/06	2207
04	46SB4103	0605104-16	0510416A	05/19/06	2309
05	46SB4001	0605104-17	0510417A	05/19/06	2340
06	46SB4003	0605104-18	0510418A	05/20/06	0010
07	46SB3701D	0605104-20	0510420A	05/20/06	0112
08	46SB3703	0605104-21	0510421A	05/20/06	0143
09	46SB3402	0605104-22	0510422M	05/20/06	0214
10	46SB3403	0605104-23	0510423M	05/20/06	0245
11	46SB3303	0605104-02	0510402M	05/20/06	0316
12	46SB3302	0605104-01	0510401M	05/20/06	0347
13	46SB3402 MS	0605104-22	510422MM	05/20/06	0418
14	46SB3402 MSD	0605104-22	510422SM	05/20/06	0449
15					
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/19/06 Time: 2034

Lab File ID: V4CCV01E Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.295	0.348	50.00	58.93		AVRG	17.9	
Bromoform	0.356	0.384	50.00	53.92	0.100	AVRG	7.8	
Bromomethane	0.222	0.217	50.00	40.21		LINR	-19.6	
Carbon tetrachloride	0.548	0.669	50.00	61.05		AVRG	22.1	
Chlorobenzene	1.870	1.994	50.00	53.31	0.300	AVRG	6.6	
Chloroethane	0.197	0.202	50.00	51.11		AVRG	2.2	
Chloroform	0.478	0.551	50.00	57.53		AVRG	15.1	20.0
Chloromethane	0.358	0.376	50.00	51.70	0.100	LINR	3.4	
Dibromochloromethane	0.483	0.550	50.00	57.03		AVRG	14.1	
1,2-Dibromo-3-chloropropane	0.069	0.080	50.00	57.62		AVRG	15.2	
1,2-Dibromoethane	0.375	0.392	50.00	52.28		AVRG	4.6	
1,2-Dichlorobenzene	1.173	1.324	50.00	56.42		AVRG	12.8	
1,3-Dichlorobenzene	1.523	1.624	50.00	53.33		AVRG	6.6	
1,4-Dichlorobenzene	1.542	1.809	50.00	58.65		AVRG	17.3	
Dichlorodifluoromethane	0.491	0.490	50.00	49.88		AVRG	-0.2	
1,1-Dichloroethane	0.499	0.560	50.00	56.12	0.100	AVRG	12.2	
1,2-Dichloroethane	0.269	0.303	50.00	56.27		AVRG	12.5	
1,1-Dichloroethene	0.307	0.352	50.00	57.42		AVRG	14.8	20.0
cis-1,2-Dichloroethene	0.274	0.311	50.00	56.63		AVRG	13.3	
trans-1,2-Dichloroethene	0.301	0.357	50.00	59.32		AVRG	18.6	
1,2-Dichloropropane	0.201	0.223	50.00	55.62		AVRG	11.2	20.0
cis-1,3-Dichloropropene	0.290	0.327	50.00	56.34		AVRG	12.7	
trans-1,3-Dichloropropene	0.652	0.674	50.00	51.67		AVRG	3.3	
Methylene chloride	0.399	0.299	50.00	56.60		LINR	13.2	
1,1,2,2-Tetrachloroethane	0.421	0.401	50.00	47.69	0.300	AVRG	-4.6	
Tetrachloroethene	1.003	1.112	50.00	55.45		AVRG	10.9	
1,2,4-Trichlorobenzene	0.721	0.849	50.00	58.85		AVRG	17.7	
1,1,1-Trichloroethane	0.578	0.697	50.00	60.28		AVRG	20.6	
1,1,2-Trichloroethane	0.264	0.275	50.00	52.04		AVRG	4.1	
Trichloroethene	0.407	0.386	50.00	56.11		LINR	12.2	
Trichlorofluoromethane	0.641	0.749	50.00	58.43		AVRG	16.9	
Trichlorotrifluoroethane	0.359	0.468	50.00	65.09		AVRG	30.2	
Vinyl chloride	0.384	0.397	50.00	51.71		AVRG	3.4	20.0
Dibromofluoromethane	0.289	0.286	30.00	29.63		AVRG	-1.2	
1,2-Dichloroethane-d4	0.045	0.040	30.00	26.42		AVRG	-11.9	
Toluene-d8	2.439	2.390	30.00	29.39		AVRG	-2.0	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/19/06 Time: 2034

Lab File ID: V4CCV01E Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.891	0.889	30.00	29.93		AVRG	-0.2	

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V4PBLK0519E

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4PBLK02 Lab Sample ID: V4PBLK0519E

Date Analyzed: 05/19/06 Time Analyzed: 2207

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V4PBLK0519EL	V4PBLK0519ELCS	V4LCS01E	2105
02	46SB4103	0605104-16	0510416A	2309
03	46SB4001	0605104-17	0510417A	2340
04	46SB4003	0605104-18	0510418A	0010
05	46SB3701D	0605104-20	0510420A	0112
06	46SB3703	0605104-21	0510421A	0143
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V4PBLK0519E

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: V4PBLK0519E

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4PBLK02

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/19/06 22:07

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.22	5.0		U
75-25-2	Bromoform	0.59	5.0		U
74-83-9	Bromomethane	0.41	10		U
56-23-5	Carbon tetrachloride	0.24	5.0		U
108-90-7	Chlorobenzene	2.5	5.0		U
75-00-3	Chloroethane	0.40	10		U
67-66-3	Chloroform	0.43	5.0		U
74-87-3	Chloromethane	0.36	10		U
124-48-1	Dibromochloromethane	0.24	5.0		U
96-12-8	1,2-Dibromo-3-chloropropane	0.68	10		U
106-93-4	1,2-Dibromoethane	0.56	5.0		U
95-50-1	1,2-Dichlorobenzene	0.23	5.0	0.31	I
541-73-1	1,3-Dichlorobenzene	0.23	5.0	0.24	I
106-46-7	1,4-Dichlorobenzene	0.18	5.0	0.26	I
75-71-8	Dichlorodifluoromethane	0.30	10		U
75-34-3	1,1-Dichloroethane	0.41	5.0		U
107-06-2	1,2-Dichloroethane	0.43	5.0		U
75-35-4	1,1-Dichloroethene	0.32	5.0		U
156-59-2	cis-1,2-Dichloroethene	0.27	5.0		U
156-60-5	trans-1,2-Dichloroethene	0.55	5.0		U
78-87-5	1,2-Dichloropropane	0.57	5.0		U
10061-01-5	cis-1,3-Dichloropropene	0.35	5.0		U
10061-02-6	trans-1,3-Dichloropropene	0.37	5.0		U
75-09-2	Methylene chloride	1.1	10		U
79-34-5	1,1,2,2-Tetrachloroethane	0.32	5.0		U
127-18-4	Tetrachloroethene	0.21	5.0		U
120-82-1	1,2,4-Trichlorobenzene	0.31	5.0		U
71-55-6	1,1,1-Trichloroethane	0.34	5.0		U
79-00-5	1,1,2-Trichloroethane	0.49	5.0		U
79-01-6	Trichloroethene	0.41	5.0	0.68	I
75-69-4	Trichlorofluoromethane	0.41	10		U
76-13-1	Trichlorotrifluoroethane	0.36	5.0		U
75-01-4	Vinyl chloride	0.47	10		U

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4BFB01 BFB Injection Date: 05/20/06

Instrument ID: VOA4 BFB Injection Time: 0738

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.9
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	81.9
175	5.0 - 9.0% of mass 174	5.4 (6.6)1
176	95.0 - 101.0% of mass 174	81.8 (99.8)1
177	5.0 - 9.0% of mass 176	6.2 (7.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V4STD50PPB	V4STD50PPB	V4CCV01	05/20/06	0809
02	V4PBLK0520LC	V4PBLK0520LCS	V4LCS01	05/20/06	0841
03	V4PBLK0520	V4PBLK0520	V4BLK01	05/20/06	0951
04	46SB3701	0605104-19	0510419B	05/20/06	1022
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/20/06 Time: 0809

Lab File ID: V4CCV01 Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.295	0.305	50.00	51.64		AVRG	3.3	
Bromoform	0.356	0.362	50.00	50.88	0.100	AVRG	1.8	
Bromomethane	0.222	0.196	50.00	36.31		LINR	-27.4	
Carbon tetrachloride	0.548	0.510	50.00	46.55		AVRG	-6.9	
Chlorobenzene	1.870	1.796	50.00	48.03	0.300	AVRG	-3.9	
Chloroethane	0.197	0.161	50.00	40.75		AVRG	-18.5	
Chloroform	0.478	0.489	50.00	51.06		AVRG	2.1	20.0
Chloromethane	0.358	0.308	50.00	42.31	0.100	LINR	-15.4	
Dibromochloromethane	0.483	0.543	50.00	56.30		AVRG	12.6	
1,2-Dibromo-3-chloropropane	0.069	0.073	50.00	52.93		AVRG	5.8	
1,2-Dibromoethane	0.375	0.421	50.00	56.16		AVRG	12.3	
1,2-Dichlorobenzene	1.173	1.181	50.00	50.34		AVRG	0.7	
1,3-Dichlorobenzene	1.523	1.699	50.00	55.79		AVRG	11.6	
1,4-Dichlorobenzene	1.542	1.602	50.00	51.94		AVRG	3.9	
Dichlorodifluoromethane	0.491	0.372	50.00	37.88		AVRG	-24.2	
1,1-Dichloroethane	0.499	0.463	50.00	46.40	0.100	AVRG	-7.2	
1,2-Dichloroethane	0.269	0.289	50.00	53.80		AVRG	7.6	
1,1-Dichloroethene	0.307	0.274	50.00	44.67		AVRG	-10.7	20.0
cis-1,2-Dichloroethene	0.274	0.271	50.00	49.42		AVRG	-1.2	
trans-1,2-Dichloroethene	0.301	0.287	50.00	47.70		AVRG	-4.6	
1,2-Dichloropropane	0.201	0.196	50.00	48.93		AVRG	-2.1	20.0
cis-1,3-Dichloropropene	0.290	0.310	50.00	53.47		AVRG	6.9	
trans-1,3-Dichloropropene	0.652	0.688	50.00	52.77		AVRG	5.5	
Methylene chloride	0.399	0.232	50.00	41.26		LINR	-17.5	
1,1,2,2-Tetrachloroethane	0.421	0.406	50.00	48.21	0.300	AVRG	-3.6	
Tetrachloroethene	1.003	0.897	50.00	44.74		AVRG	-10.5	
1,2,4-Trichlorobenzene	0.721	0.798	50.00	55.31		AVRG	10.6	
1,1,1-Trichloroethane	0.578	0.531	50.00	45.99		AVRG	-8.0	
1,1,2-Trichloroethane	0.264	0.288	50.00	54.38		AVRG	8.8	
Trichloroethene	0.407	0.315	50.00	45.80		LINR	-8.4	
Trichlorofluoromethane	0.641	0.559	50.00	43.62		AVRG	-12.7	
Trichlorotrifluoroethane	0.359	0.341	50.00	47.47		AVRG	-5.1	
Vinyl chloride	0.384	0.319	50.00	41.52		AVRG	-17.0	20.0
Dibromofluoromethane	0.289	0.281	30.00	29.14		AVRG	-2.8	
1,2-Dichloroethane-d4	0.045	0.045	30.00	29.92		AVRG	-0.3	
Toluene-d8	2.439	2.488	30.00	30.60		AVRG	2.0	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA4 Calibration Date: 05/20/06 Time: 0809

Lab File ID: V4CCV01 Init. Calib. Date(s): 05/16/06 05/16/06

Heated Purge: (Y/N) N Init. Calib. Times: 1604 1941

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.891	0.956	30.00	32.18		AVRG	7.3	

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V4PBLK0520

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4BLK01 Lab Sample ID: V4PBLK0520

Date Analyzed: 05/20/06 Time Analyzed: 0951

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V4PBLK0520LC	V4PBLK0520LCS	V4LCS01	0841
02	46SB3701	0605104-19	0510419B	1022
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V4PBLK0520

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: V4PBLK0520

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4BLK01

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/20/06 09:51

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.22	5.0		U
75-25-2	Bromoform	0.59	5.0		U
74-83-9	Bromomethane	0.41	10		U
56-23-5	Carbon tetrachloride	0.24	5.0		U
108-90-7	Chlorobenzene	2.5	5.0		U
75-00-3	Chloroethane	0.40	10		U
67-66-3	Chloroform	0.43	5.0		U
74-87-3	Chloromethane	0.36	10		U
124-48-1	Dibromochloromethane	0.24	5.0		U
96-12-8	1,2-Dibromo-3-chloropropane	0.68	10		U
106-93-4	1,2-Dibromoethane	0.56	5.0		U
95-50-1	1,2-Dichlorobenzene	0.23	5.0		U
541-73-1	1,3-Dichlorobenzene	0.23	5.0	0.30	I
106-46-7	1,4-Dichlorobenzene	0.18	5.0		U
75-71-8	Dichlorodifluoromethane	0.30	10		U
75-34-3	1,1-Dichloroethane	0.41	5.0		U
107-06-2	1,2-Dichloroethane	0.43	5.0		U
75-35-4	1,1-Dichloroethene	0.32	5.0		U
156-59-2	cis-1,2-Dichloroethene	0.27	5.0		U
156-60-5	trans-1,2-Dichloroethene	0.55	5.0		U
78-87-5	1,2-Dichloropropane	0.57	5.0		U
10061-01-5	cis-1,3-Dichloropropene	0.35	5.0		U
10061-02-6	trans-1,3-Dichloropropene	0.37	5.0		U
75-09-2	Methylene chloride	1.1	10		U
79-34-5	1,1,2,2-Tetrachloroethane	0.32	5.0		U
127-18-4	Tetrachloroethene	0.21	5.0		U
120-82-1	1,2,4-Trichlorobenzene	0.31	5.0	0.60	I
71-55-6	1,1,1-Trichloroethane	0.34	5.0		U
79-00-5	1,1,2-Trichloroethane	0.49	5.0		U
79-01-6	Trichloroethene	0.41	5.0	0.52	I
75-69-4	Trichlorofluoromethane	0.41	10		U
76-13-1	Trichlorotrifluoroethane	0.36	5.0		U
75-01-4	Vinyl chloride	0.47	10		U

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V5BFB01 BFB Injection Date: 05/09/06

Instrument ID: VOA5 BFB Injection Time: 1008

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.0
75	30.0 - 60.0% of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	66.4
175	5.0 - 9.0% of mass 174	4.9 (7.4)1
176	95.0 - 101.0% of mass 174	64.5 (97.1)1
177	5.0 - 9.0% of mass 176	4.2 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V5STD200PPB	V5STD200PPB	V5STD08	05/09/06	1036
02	V5STD100PPB	V5STD100PPB	V5STD07	05/09/06	1105
03	V5STD50PPB	V5STD50PPB	V5STD06	05/09/06	1134
04	V5STD20PPB	V5STD20PPB	V5STD05	05/09/06	1232
05	V5STD10PPB	V5STD10PPB	V5STD04	05/09/06	1301
06	V5STD2.0PPB	V5STD2.0PPB	V5STD03	05/09/06	1330
07	V5STD1.0PPB	V5STD1.0PPB	V5STD02	05/09/06	1359
08	V5STD0.5PPB	V5STD0.5PPB	V5STD01	05/09/06	1428
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FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA5 Calibration Date(s): 05/09/06 05/09/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1036 1456

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromodichloromethane	AVRG		0.48323625		3.8
Bromoform	AVRG		0.38043209		7.2
Bromomethane	LINR	0.00000000	0.25500854		0.998
Carbon tetrachloride	AVRG		0.40440681		3.9
Chlorobenzene	AVRG		1.53677364		7.1
Chloroethane	LINR	0.00000000	0.19582353		1.000
Chloroform	AVRG		0.62310427		10.7
Chloromethane	LINR	0.00000000	0.35605911		0.996
Dibromochloromethane	AVRG		0.69157524		6.4
1,2-Dibromo-3-chloropropane	AVRG		0.14026309		11.2
1,2-Dibromoethane	AVRG		0.60740679		9.1
1,2-Dichlorobenzene	AVRG		1.23980931		9.6
1,3-Dichlorobenzene	AVRG		1.39494035		7.9
1,4-Dichlorobenzene	AVRG		1.62586152		8.1
Dichlorodifluoromethane	AVRG		0.33895755		8.3
1,1-Dichloroethane	AVRG		0.60218880		13.6
1,2-Dichloroethane	AVRG		0.50957705		3.3
1,1-Dichloroethene	LINR	0.00000000	0.24773968		0.999
cis-1,2-Dichloroethene	LINR	0.00000000	0.29839239		0.998
trans-1,2-Dichloroethene	AVRG		0.32370671		14.1
1,2-Dichloropropane	AVRG		0.36234155		12.7
cis-1,3-Dichloropropene	LINR	0.00000000	0.58921752		0.999
trans-1,3-Dichloropropene	LINR	0.00000000	0.88410129		0.999
Methylene chloride	LINR	0.00000000	0.32384777		0.998
1,1,2,2-Tetrachloroethane	AVRG		1.17962466		12.4
Tetrachloroethene	AVRG		0.40777978		9.2
1,2,4-Trichlorobenzene	AVRG		0.66306499		12.9
1,1,1-Trichloroethane	AVRG		0.44611523		5.4
1,1,2-Trichloroethane	AVRG		0.53218612		9.1
Trichloroethene	AVRG		0.27259037		14.1
Trichlorofluoromethane	AVRG		0.50652896		8.0
Trichlorotrifluoroethane	AVRG		0.33876258		12.8
Vinyl chloride	2ORDR	0.00000000	2.41936608	1.56772498	1.000
Dibromofluoromethane	AVRG		0.36176291		5.0
1,2-Dichloroethane-d4	AVRG		6.531e-002		6.2
Toluene-d8	AVRG		1.86155631		10.4

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA5 Calibration Date(s): 05/09/06 05/09/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 1036 1456

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2
Bromofluorobenzene	AVRG		0.83627916		7.9

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V5BFB01 BFB Injection Date: 05/11/06

Instrument ID: VOA5 BFB Injection Time: 1220

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.5
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	68.2
175	5.0 - 9.0% of mass 174	4.7 (6.9)1
176	95.0 - 101.0% of mass 174	65.7 (96.2)1
177	5.0 - 9.0% of mass 176	4.3 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V5STD50PPB	V5STD50PPB	V5CCV01	05/11/06	1259
02	V5BLK0511LCS	V5BLK0511LCS	V5LCS01	05/11/06	1328
03	V5BLK0511	V5BLK0511	V5BLK01	05/11/06	1424
04	46TB0508	0605104-24	0510424	05/11/06	1940
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA5 Calibration Date: 05/11/06 Time: 1259

Lab File ID: V5CCV01 Init. Calib. Date(s): 05/09/06 05/09/06

Heated Purge: (Y/N) N Init. Calib. Times: 1036 1456

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.483	0.442	50.00	45.70		AVRG	-8.6	
Bromoform	0.380	0.366	50.00	48.04	0.100	AVRG	-3.9	
Bromomethane	0.240	0.216	50.00	42.45		LINR	-15.1	
Carbon tetrachloride	0.404	0.387	50.00	47.88		AVRG	-4.2	
Chlorobenzene	1.537	1.399	50.00	45.53	0.300	AVRG	-8.9	
Chloroethane	0.239	0.191	50.00	48.88		LINR	-2.2	
Chloroform	0.623	0.564	50.00	45.24		AVRG	-9.5	20.0
Chloromethane	0.485	0.390	50.00	54.70	0.100	LINR	9.4	
Dibromochloromethane	0.692	0.620	50.00	44.80		AVRG	-10.4	
1,2-Dibromo-3-chloropropane	0.140	0.124	50.00	44.38		AVRG	-11.2	
1,2-Dibromoethane	0.607	0.595	50.00	48.97		AVRG	-2.0	
1,2-Dichlorobenzene	1.240	1.192	50.00	48.07		AVRG	-3.8	
1,3-Dichlorobenzene	1.395	1.221	50.00	43.77		AVRG	-12.4	
1,4-Dichlorobenzene	1.626	1.573	50.00	48.39		AVRG	-3.2	
Dichlorodifluoromethane	0.339	0.457	50.00	67.43		AVRG	34.9	
1,1-Dichloroethane	0.602	0.524	50.00	43.51	0.100	AVRG	-13.0	
1,2-Dichloroethane	0.510	0.493	50.00	48.41		AVRG	-3.2	
1,1-Dichloroethene	0.292	0.229	50.00	46.27		LINR	-7.5	20.0
cis-1,2-Dichloroethene	0.244	0.243	50.00	40.76		LINR	-18.5	
trans-1,2-Dichloroethene	0.324	0.263	50.00	40.69		AVRG	-18.6	
1,2-Dichloropropane	0.362	0.369	50.00	50.94		AVRG	1.9	20.0
cis-1,3-Dichloropropene	0.432	0.512	50.00	43.42		LINR	-13.2	
trans-1,3-Dichloropropene	0.744	0.910	50.00	51.47		LINR	2.9	
Methylene chloride	0.465	0.304	50.00	46.86		LINR	-6.3	
1,1,2,2-Tetrachloroethane	1.180	1.064	50.00	45.09	0.300	AVRG	-9.8	
Tetrachloroethene	0.408	0.411	50.00	50.40		AVRG	0.8	
1,2,4-Trichlorobenzene	0.663	0.636	50.00	47.94		AVRG	-4.1	
1,1,1-Trichloroethane	0.446	0.422	50.00	47.26		AVRG	-5.5	
1,1,2-Trichloroethane	0.532	0.512	50.00	48.10		AVRG	-3.8	
Trichloroethene	0.272	0.295	50.00	54.05		AVRG	8.1	
Trichlorofluoromethane	0.507	0.487	50.00	48.03		AVRG	-3.9	
Trichlorotrifluoroethane	0.339	0.271	50.00	39.98		AVRG	-20.0	
Vinyl chloride	0.365	0.350	50.00	58.29		2ORDR	16.6	20.0
Dibromofluoromethane	0.362	0.366	30.00	30.38		AVRG	1.3	
1,2-Dichloroethane-d4	0.065	0.064	30.00	29.42		AVRG	-1.9	
Toluene-d8	1.861	1.774	30.00	28.60		AVRG	-4.7	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Instrument ID: VOA5 Calibration Date: 05/11/06 Time: 1259

Lab File ID: V5CCV01 Init. Calib. Date(s): 05/09/06 05/09/06

Heated Purge: (Y/N) N Init. Calib. Times: 1036 1456

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.836	0.879	30.00	31.52		AVRG	5.1	

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V5BLK0511

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V5BLK01 Lab Sample ID: V5BLK0511

Date Analyzed: 05/11/06 Time Analyzed: 1424

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA5

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V5BLK0511LCS	V5BLK0511LCS	V5LCS01	1328
02	46TB0508	0605104-24	0510424	1940
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V5BLK0511

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) WATER Lab Sample ID: V5BLK0511

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5BLK01

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. _____ Date Analyzed: 05/11/06 14:24

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.28	1.0		U
75-25-2	Bromoform	0.10	1.0		U
74-83-9	Bromomethane	0.38	2.0		U
56-23-5	Carbon tetrachloride	0.26	1.0		U
108-90-7	Chlorobenzene	0.31	1.0		U
75-00-3	Chloroethane	0.45	2.0		U
67-66-3	Chloroform	0.21	1.0		U
74-87-3	Chloromethane	0.25	2.0		U
124-48-1	Dibromochloromethane	0.21	1.0		U
96-12-8	1,2-Dibromo-3-chloropropane	0.30	2.0		U
106-93-4	1,2-Dibromoethane	0.15	1.0		U
95-50-1	1,2-Dichlorobenzene	0.30	1.0		U
541-73-1	1,3-Dichlorobenzene	0.22	1.0		U
106-46-7	1,4-Dichlorobenzene	0.35	1.0		U
75-71-8	Dichlorodifluoromethane	0.31	2.0		U
75-34-3	1,1-Dichloroethane	0.29	1.0		U
107-06-2	1,2-Dichloroethane	0.20	1.0		U
75-35-4	1,1-Dichloroethene	0.25	1.0		U
156-59-2	cis-1,2-Dichloroethene	0.28	1.0		U
156-60-5	trans-1,2-Dichloroethene	0.22	1.0		U
78-87-5	1,2-Dichloropropane	0.21	1.0		U
10061-01-5	cis-1,3-Dichloropropene	0.29	1.0		U
10061-02-6	trans-1,3-Dichloropropene	0.24	1.0		U
75-09-2	Methylene chloride	0.60	2.0	1.9	I
79-34-5	1,1,2,2-Tetrachloroethane	0.20	1.0		U
127-18-4	Tetrachloroethene	0.30	1.0		U
120-82-1	1,2,4-Trichlorobenzene	0.36	1.0		U
71-55-6	1,1,1-Trichloroethane	0.27	1.0		U
79-00-5	1,1,2-Trichloroethane	0.18	1.0		U
79-01-6	Trichloroethene	0.27	1.0		U
75-69-4	Trichlorofluoromethane	0.37	2.0		U
76-13-1	Trichlorotrifluoroethane	0.37	1.0		U
75-01-4	Vinyl chloride	0.36	1.0		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V4PMBLK0519

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Lab File ID: V4MBLK01 Lab Sample ID: V4PMBLK0519

Date Analyzed: 05/19/06 Time Analyzed: 1147

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: VOA4

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	46SB3402	0605104-22	0510422M	0214
02	46SB3403	0605104-23	0510423M	0245
03	46SB3303	0605104-02	0510402M	0316
04	46SB3302	0605104-01	0510401M	0347
05	46SB3402 MS	0605104-22	510422MM	0418
06	46SB3402 MSD	0605104-22	510422SM	0449
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V4PMBLK0519

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05104

Matrix: (soil/water) SOIL Lab Sample ID: V4PMBLK0519

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V4MBLK01

Level: (low/med) MED Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/19/06 11:47

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	11	250		U
75-25-2	Bromoform	30	250		U
74-83-9	Bromomethane	20	500	34	I
56-23-5	Carbon tetrachloride	12	250		U
108-90-7	Chlorobenzene	120	250		U
75-00-3	Chloroethane	20	500		U
67-66-3	Chloroform	22	250		U
74-87-3	Chloromethane	18	500	45	I
124-48-1	Dibromochloromethane	12	250		U
96-12-8	1,2-Dibromo-3-chloropropane	34	500		U
106-93-4	1,2-Dibromoethane	28	250		U
95-50-1	1,2-Dichlorobenzene	12	250		U
541-73-1	1,3-Dichlorobenzene	12	250		U
106-46-7	1,4-Dichlorobenzene	9.0	250		U
75-71-8	Dichlorodifluoromethane	15	500		U
75-34-3	1,1-Dichloroethane	20	250		U
107-06-2	1,2-Dichloroethane	22	250		U
75-35-4	1,1-Dichloroethene	16	250		U
156-59-2	cis-1,2-Dichloroethene	14	250		U
156-60-5	trans-1,2-Dichloroethene	28	250		U
78-87-5	1,2-Dichloropropane	28	250		U
10061-01-5	cis-1,3-Dichloropropene	18	250		U
10061-02-6	trans-1,3-Dichloropropene	18	250		U
75-09-2	Methylene chloride	54	500		U
79-34-5	1,1,2,2-Tetrachloroethane	16	250		U
127-18-4	Tetrachloroethene	10	250		U
120-82-1	1,2,4-Trichlorobenzene	16	250		U
71-55-6	1,1,1-Trichloroethane	17	250		U
79-00-5	1,1,2-Trichloroethane	24	250		U
79-01-6	Trichloroethene	20	250	29	I
75-69-4	Trichlorofluoromethane	20	500		U
76-13-1	Trichlorotrifluoroethane	18	250		U
75-01-4	Vinyl chloride	24	500		U

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **MR. G. WALKER** **DATE:** **JUNE 30, 2006**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- SELECT VOA, PAH, TPH, SVOA**
CTO 367, NAS PENSACOLA
SDG 0605175

SAMPLES: 9/Solid/ VOA

46SB4201	46SB4202	46SB4203	46SB4301
46SB4302	46SB4303	46SB4401	46SB4402
46SB4403			

2/Solid/PAH

44SB4101	44SB4102

3/Solid/TPH

45SB2801	45SB2901	45SB3001

2/Aqueous/SVOA

44GW1902	46GW1402

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG 0605175 consists of fourteen (14) solid environmental samples and two aqueous environmental samples. The samples were analyzed for halogenated volatile organic compounds (VOC), polynuclear aromatic hydrocarbons (PAH), Florida PRO (FL-PRO), and bis(2-ethylhexyl)phthalate as indicated above.

The samples were collected by TetraTech NUS on May 10 and 11, 2006 and analyzed by Empirical Laboratories. All analyses were conducted in accordance with SW-846 Method 8260B, 8270C, and FL-PRO analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
* • GC/MS Tuning
• Initial and continuing calibration
• Blank results
• Surrogate spike recoveries
* • Internal standard recoveries
* • Blank Spike/Blank Spike Duplicate Results
* • Matrix Spike/Matrix Spike Duplicate Results
* • Detection Limits
* • Compound Quantitation

* • Compound Identification

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A.

Volatiles

The following compounds were detected in the method blank at the maximum concentrations listed below:

Compound	Maximum Concentration	Blank Action Level
Methylene chloride[1]	3.0 ug/kg	30.0 ug/kg
Chloromethane[2]	74 ug/kg	370 ug/kg

1 – Maximum concentration from low level method blanks.
2 – Maximum concentration from medium level blank.

An action level of 10X the maximum contaminant concentration was established to evaluate laboratory contamination for methylene chloride and 5X for chloromethane. Dilution factors, percent solids, and sample aliquots were taken into consideration during the application of all action levels. The affected positive results were qualified (U) as a result of blank contamination for methyene chloride and chloromethane.

A continuing calibration analyzed on instrument VOA1 on 05/22/06 @ 11:48 had percent differences (%Ds) greater than the 25% quality control limit for bromoform and bromomethane. The non-detected results for bromofrom and bromomethane in sample 46SB4301 were qualified as estimated, (UJ).

The surrogate dibromofluoromethane had percent recoveries less than the quality control limits for sample 46SB4401. The positive and non-detected results for sample 46SB4401 have been qualified as estimated (J) and (UJ), respectively.

PAHs

The following compound was detected in the method blank at the maximum concentration listed below:

Compound	Maximum Concentration	Blank Action Level
Naphthalene	1.5 ug/kg	7.5 ug/kg

An action level of 5X the maximum contaminant concentration was established to evaluate laboratory contamination for naphthalene. Dilution factors, percent solids, and sample aliquots were taken into consideration during the application of all action levels. The affected positive results were qualified (U) as a result of blank contamination for naphthalene.

Bis(2-ethylhexyl)phthalate

No qualification of the data was necessary.

Florida-PRO

TPH was detected in the method blank at the maximum concentration listed below:

Compound	Maximum Concentration	Blank Action Level
TPH	5.8 mg/kg	29 mg/kg

An action level of 5X the maximum contaminant concentration was established to evaluate laboratory contamination for TPH. Dilution factors, percent solids, and sample aliquots were taken into consideration

during the application of all action levels. No qualification action was taken because all sample results were greater than the action level.

The surrogate nonatriacontane had percent recoveries less than the quality control limits for samples 45SB2901, 45SB3001, and the method blank. No action was taken on the method blank because QC samples are not qualified. The positive results for samples 45SB2901 and 45SB3001 have been qualified as estimated (J).

Additional Comments:

Sample 46SB4301 was analyzed as a medium level because of a concentration for trichloroethene greater than the linear range of the instrument.

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Two compounds exceeded calibration %D criterion for the VOA fraction, resulting in qualification of data. Several compounds were detected in the method blank for the VOA, PAH, and TPH fractions resulting in qualification of the data.

Other Factors Affecting Data Quality: Surrogate non-compliances for the VOA and TPH fractions resulted in qualification of the data.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the Department of Defense (DoD) document entitled "Quality Systems Manual (QSM) for Environmental Laboratories" (January 2006). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the DoD QSM for Environmental Laboratories.

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4201	nsample	46SB4201	nsample	46SB4202
samp_date	5/11/2006	samp_date	5/11/2006	samp_date	5/11/2006
lab_id	0605175-25	lab_id	0605175-25	lab_id	0605175-26
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	95.0	Pct_Solids	95.0	Pct_Solids	95.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	0.48	U	U	
1,1,2-TRICHLOROETHANE	0.39	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.61	U	U	
1,1-DICHLOROETHANE	0.6	U	U	
1,1-DICHLOROETHENE	1.3	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	U	
1,2-DIBROMOETHANE	0.48	U	U	
1,2-DICHLOROBENZENE	0.41	U	U	
1,2-DICHLOROETHANE	0.51	U	U	
1,2-DICHLOROPROPANE	0.51	U	U	
1,3-DICHLOROBENZENE	0.94	U	U	
1,4-DICHLOROBENZENE	0.61	U	U	
BROMODICHLOROMETHANE	0.33	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.8	U	U	
CARBON TETRACHLORIDE	0.98	U	U	
CHLOROBENZENE	2.8	U	U	
CHLORODIBROMOMETHANE	0.38	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.61	U	U	
CHLOROMETHANE	0.58	U	U	
CIS-1,2-DICHLOROETHENE	1.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.56	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	0.94	IV	U	A
TETRACHLOROETHENE	1.1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.36	U	U	
TRICHLOROETHENE	1.1	I	J	P
TRICHLOROFLUOROMETHANE	1	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.98	U	U	
1,1,2,2-TETRACHLOROETHANE	0.47	U	U	
1,1,2-TRICHLOROETHANE	0.38	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.6	U	U	
1,1-DICHLOROETHANE	0.59	U	U	
1,1-DICHLOROETHENE	1.3	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	U	
1,2-DIBROMOETHANE	0.47	U	U	
1,2-DICHLOROBENZENE	0.4	U	U	
1,2-DICHLOROETHANE	0.5	U	U	
1,2-DICHLOROPROPANE	0.5	U	U	
1,3-DICHLOROBENZENE	0.92	U	U	
1,4-DICHLOROBENZENE	0.6	U	U	
BROMODICHLOROMETHANE	0.33	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.79	U	U	
CARBON TETRACHLORIDE	0.96	U	U	
CHLOROBENZENE	2.7	U	U	
CHLORODIBROMOMETHANE	0.37	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.6	U	U	
CHLOROMETHANE	0.57	U	U	
CIS-1,2-DICHLOROETHENE	1.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.54	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	0.68	U	U	
TETRACHLOROETHENE	1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.35	U	U	
TRICHLOROETHENE	1.2	I	J	P
TRICHLOROFLUOROMETHANE	1	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4202
samp_date	5/11/2006
lab_id	0605175-26
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

nsample	46SB4203
samp_date	5/11/2006
lab_id	0605175-27
qc_type	NM
units	UG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.92	U	U	
1,1,2,2-TETRACHLOROETHANE	0.44	U	U	
1,1,2-TRICHLOROETHANE	0.36	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.56	U	U	
1,1-DICHLOROETHANE	0.55	U	U	
1,1-DICHLOROETHENE	1.2	U	U	
1,2,4-TRICHLOROBENZENE	0.18	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.2	U	U	
1,2-DIBROMOETHANE	0.44	U	U	
1,2-DICHLOROBENZENE	0.38	U	U	
1,2-DICHLOROETHANE	0.47	U	U	
1,2-DICHLOROPROPANE	0.47	U	U	
1,3-DICHLOROBENZENE	0.86	U	U	
1,4-DICHLOROBENZENE	0.56	U	U	
BROMODICHLOROMETHANE	0.3	U	U	
BROMOFORM	1	U	U	
BROMOMETHANE	0.73	U	U	
CARBON TETRACHLORIDE	0.9	U	U	
CHLOROBENZENE	2.5	U	U	
CHLORODIBROMOMETHANE	0.35	U	U	
CHLOROETHANE	1.1	U	U	
CHLOROFORM	0.56	U	U	
CHLOROMETHANE	0.53	U	U	
CIS-1,2-DICHLOROETHENE	1.2	U	U	
CIS-1,3-DICHLOROPROPENE	0.51	U	U	
DICHLORODIFLUOROMETHANE	1.1	U	U	
METHYLENE CHLORIDE	0.63	U	U	
TETRACHLOROETHENE	0.99	U	U	
TRANS-1,2-DICHLOROETHENE	1.1	U	U	
TRANS-1,3-DICHLOROPROPENE	0.33	U	U	
TRICHLOROETHENE	0.87	U	U	
TRICHLOROFLUOROMETHANE	0.97	U	U	

nsample	46SB4203
samp_date	5/11/2006
lab_id	0605175-27
qc_type	NM
units	UG/KG
Pct_Solids	92.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.1	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4301
samp_date	5/11/2006
lab_id	0605175-19
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	51	U	U	
1,1,2,2-TETRACHLOROETHANE	24	U	U	
1,1,2-TRICHLOROETHANE	20	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	31	U	U	
1,1-DICHLOROETHANE	30	U	U	
1,1-DICHLOROETHENE	68	U	U	
1,2,4-TRICHLOROBENZENE	10	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	68	U	U	
1,2-DIBROMOETHANE	24	U	U	
1,2-DICHLOROBENZENE	21	U	U	
1,2-DICHLOROETHANE	26	U	U	
1,2-DICHLOROPROPANE	26	U	U	
1,3-DICHLOROBENZENE	47	U	U	
1,4-DICHLOROBENZENE	31	U	U	
BROMODICHLOROMETHANE	17	U	U	
BROMOFORM	56	U	UJ	C
BROMOMETHANE	41	U	UJ	C
CARBON TETRACHLORIDE	50	U	U	
CHLOROBENZENE	140	U	U	
CHLORODIBROMOMETHANE	19	U	U	
CHLOROETHANE	62	U	U	
CHLOROFORM	31	U	U	
CHLOROMETHANE	46	IV	U	A
CIS-1,2-DICHLOROETHENE	68	U	U	
CIS-1,3-DICHLOROPROPENE	28	U	U	
DICHLORODIFLUOROMETHANE	62	U	U	
METHYLENE CHLORIDE	35	U	U	
TETRACHLOROETHENE	55	U	U	
TRANS-1,2-DICHLOROETHENE	62	U	U	
TRANS-1,3-DICHLOROPROPENE	18	U	U	
TRICHLOROETHENE	820			
TRICHLOROFLUOROMETHANE	54	U	U	

nsample	46SB4301
samp_date	5/11/2006
lab_id	0605175-19
qc_type	NM
units	UG/KG
Pct_Solids	98.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	62	U	U	

nsample	46SB4302
samp_date	5/11/2006
lab_id	0605175-20
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	0.49	U	U	
1,1,2-TRICHLOROETHANE	0.4	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.62	U	U	
1,1-DICHLOROETHANE	0.61	U	U	
1,1-DICHLOROETHENE	1.4	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.4	U	U	
1,2-DIBROMOETHANE	0.49	U	U	
1,2-DICHLOROBENZENE	0.42	U	U	
1,2-DICHLOROETHANE	0.52	U	U	
1,2-DICHLOROPROPANE	0.52	U	U	
1,3-DICHLOROBENZENE	0.95	U	U	
1,4-DICHLOROBENZENE	0.62	U	U	
BROMODICHLOROMETHANE	0.34	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.82	U	U	
CARBON TETRACHLORIDE	1	U	U	
CHLOROBENZENE	2.8	U	U	
CHLORODIBROMOMETHANE	0.39	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.62	U	U	
CHLOROMETHANE	0.59	U	U	
CIS-1,2-DICHLOROETHENE	1.4	U	U	
CIS-1,3-DICHLOROPROPENE	0.57	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	0.7	U	U	
TETRACHLOROETHENE	1.1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.36	U	U	
TRICHLOROETHENE	12			
TRICHLOROFLUOROMETHANE	1.1	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4302
samp_date	5/11/2006
lab_id	0605175-20
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

nsample	46SB4303
samp_date	5/11/2006
lab_id	0605175-21
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	0.48	U	U	
1,1,2-TRICHLOROETHANE	0.4	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.62	U	U	
1,1-DICHLOROETHANE	0.61	U	U	
1,1-DICHLOROETHENE	1.4	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.4	U	U	
1,2-DIBROMOETHANE	0.48	U	U	
1,2-DICHLOROBENZENE	0.42	U	U	
1,2-DICHLOROETHANE	0.52	U	U	
1,2-DICHLOROPROPANE	0.52	U	U	
1,3-DICHLOROBENZENE	0.95	U	U	
1,4-DICHLOROBENZENE	0.62	U	U	
BROMODICHLOROMETHANE	0.34	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.81	U	U	
CARBON TETRACHLORIDE	0.99	U	U	
CHLOROBENZENE	2.8	U	U	
CHLORODIBROMOMETHANE	0.38	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.62	U	U	
CHLOROMETHANE	0.59	U	U	
CIS-1,2-DICHLOROETHENE	1.4	U	U	
CIS-1,3-DICHLOROPROPENE	0.56	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	0.7	U	U	
TETRACHLOROETHENE	1.1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.36	U	U	
TRICHLOROETHENE	5.3	I	J	P
TRICHLOROFLUOROMETHANE	1.1	U	U	

nsample	46SB4303
samp_date	5/11/2006
lab_id	0605175-21
qc_type	NM
units	UG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4401
samp_date	5/11/2006
lab_id	0605175-22
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.98	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	0.47	U	UJ	R
1,1,2-TRICHLOROETHANE	0.38	U	UJ	R
1,1,2-TRICHLOROTRIFLUOROETHANE	0.6	U	UJ	R
1,1-DICHLOROETHANE	0.59	U	UJ	R
1,1-DICHLOROETHENE	1.3	U	UJ	R
1,2,4-TRICHLOROBENZENE	0.2	U	UJ	R
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	UJ	R
1,2-DIBROMOETHANE	0.47	U	UJ	R
1,2-DICHLOROBENZENE	0.4	U	UJ	R
1,2-DICHLOROETHANE	0.5	U	UJ	R
1,2-DICHLOROPROPANE	0.5	U	UJ	R
1,3-DICHLOROBENZENE	0.91	U	UJ	R
1,4-DICHLOROBENZENE	0.6	U	UJ	R
BROMODICHLOROMETHANE	0.33	U	UJ	R
BROMOFORM	1.1	U	UJ	R
BROMOMETHANE	0.78	U	UJ	R
CARBON TETRACHLORIDE	0.96	U	UJ	R
CHLOROBENZENE	2.7	U	UJ	R
CHLORODIBROMOMETHANE	0.37	U	UJ	R
CHLOROETHANE	1.2	U	UJ	R
CHLOROFORM	0.6	U	UJ	R
CHLOROMETHANE	0.56	U	UJ	R
CIS-1,2-DICHLOROETHENE	1.3	U	UJ	R
CIS-1,3-DICHLOROPROPENE	0.54	U	UJ	R
DICHLORODIFLUOROMETHANE	1.2	U	UJ	R
METHYLENE CHLORIDE	5	IV	U	A
TETRACHLOROETHENE	1	U	UJ	R
TRANS-1,2-DICHLOROETHENE	1.2	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.35	U	UJ	R
TRICHLOROETHENE	1.8	I	J	PR
TRICHLOROFLUOROMETHANE	1	U	UJ	R

nsample	46SB4401
samp_date	5/11/2006
lab_id	0605175-22
qc_type	NM
units	UG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	UJ	R

nsample	46SB4402
samp_date	5/11/2006
lab_id	0605175-23
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	0.48	U	U	
1,1,2-TRICHLOROETHANE	0.39	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.61	U	U	
1,1-DICHLOROETHANE	0.6	U	U	
1,1-DICHLOROETHENE	1.3	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	U	
1,2-DIBROMOETHANE	0.48	U	U	
1,2-DICHLOROBENZENE	0.41	U	U	
1,2-DICHLOROETHANE	0.51	U	U	
1,2-DICHLOROPROPANE	0.51	U	U	
1,3-DICHLOROBENZENE	0.93	U	U	
1,4-DICHLOROBENZENE	0.61	U	U	
BROMODICHLOROMETHANE	0.33	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.8	U	U	
CARBON TETRACHLORIDE	0.98	U	U	
CHLOROBENZENE	2.8	U	U	
CHLORODIBROMOMETHANE	0.38	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.61	U	U	
CHLOROMETHANE	0.58	U	U	
CIS-1,2-DICHLOROETHENE	1.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.56	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	1.7	IV	U	A
TETRACHLOROETHENE	1.1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.36	U	U	
TRICHLOROETHENE	0.94	U	U	
TRICHLOROFLUOROMETHANE	1	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: OV

nsample	46SB4402
samp_date	5/11/2006
lab_id	0605175-23
qc_type	NM
units	UG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

nsample	46SB4403
samp_date	5/11/2006
lab_id	0605175-24
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.98	U	U	
1,1,2,2-TETRACHLOROETHANE	0.47	U	U	
1,1,2-TRICHLOROETHANE	0.38	U	U	
1,1,2-TRICHLOROTRIFLUOROETHANE	0.6	U	U	
1,1-DICHLOROETHANE	0.59	U	U	
1,1-DICHLOROETHENE	1.3	U	U	
1,2,4-TRICHLOROBENZENE	0.2	U	U	
1,2-DIBROMO-3-CHLOROPROPANE	1.3	U	U	
1,2-DIBROMOETHANE	0.47	U	U	
1,2-DICHLOROBENZENE	0.4	U	U	
1,2-DICHLOROETHANE	0.5	U	U	
1,2-DICHLOROPROPANE	0.5	U	U	
1,3-DICHLOROBENZENE	0.91	U	U	
1,4-DICHLOROBENZENE	0.6	U	U	
BROMODICHLOROMETHANE	0.33	U	U	
BROMOFORM	1.1	U	U	
BROMOMETHANE	0.78	U	U	
CARBON TETRACHLORIDE	0.96	U	U	
CHLOROBENZENE	2.7	U	U	
CHLORODIBROMOMETHANE	0.37	U	U	
CHLOROETHANE	1.2	U	U	
CHLOROFORM	0.6	U	U	
CHLOROMETHANE	0.56	U	U	
CIS-1,2-DICHLOROETHENE	1.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.54	U	U	
DICHLORODIFLUOROMETHANE	1.2	U	U	
METHYLENE CHLORIDE	0.67	U	U	
TETRACHLOROETHENE	1	U	U	
TRANS-1,2-DICHLOROETHENE	1.2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.35	U	U	
TRICHLOROETHENE	3.6	I	J	P
TRICHLOROFLUOROMETHANE	1	U	U	

nsample	46SB4403
samp_date	5/11/2006
lab_id	0605175-24
qc_type	NM
units	UG/KG
Pct_Solids	97.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
VINYL CHLORIDE	1.2	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: PAH

nsample	44SB4101	nsample	44SB4102
samp_date	5/11/2006	samp_date	5/11/2006
lab_id	0605175-14	lab_id	0605175-15
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	90.0	Pct_Solids	93.0
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	1.3	U	U	
2-METHYLNAPHTHALENE	1.4	U	U	
ACENAPHTHENE	1.2	U	U	
ACENAPHTHYLENE	1.1	U	U	
ANTHRACENE	1.2	U	U	
BENZO(A)ANTHRACENE	0.92	U	U	
BENZO(A)PYRENE	0.92	U	U	
BENZO(B)FLUORANTHENE	0.7	U	U	
BENZO(G,H,I)PERYLENE	0.44	U	U	
BENZO(K)FLUORANTHENE	0.85	U	U	
CHRYSENE	0.52	U	U	
DIBENZO(A,H)ANTHRACENE	0.37	U	U	
FLUORANTHENE	0.78	U	U	
FLUORENE	1	U	U	
INDENO(1,2,3-CD)PYRENE	0.89	U	U	
NAPHTHALENE	1.9	IV	U	A
PHENANTHRENE	0.96	U	U	
PYRENE	0.74	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1-METHYLNAPHTHALENE	1.3	U	U	
2-METHYLNAPHTHALENE	1.4	U	U	
ACENAPHTHENE	1.2	U	U	
ACENAPHTHYLENE	1	U	U	
ANTHRACENE	1.2	U	U	
BENZO(A)ANTHRACENE	0.9	U	U	
BENZO(A)PYRENE	0.9	U	U	
BENZO(B)FLUORANTHENE	0.68	U	U	
BENZO(G,H,I)PERYLENE	0.43	U	U	
BENZO(K)FLUORANTHENE	0.82	U	U	
CHRYSENE	0.5	U	U	
DIBENZO(A,H)ANTHRACENE	0.36	U	U	
FLUORANTHENE	0.75	U	U	
FLUORENE	1	U	U	
INDENO(1,2,3-CD)PYRENE	0.86	U	U	
NAPHTHALENE	1.8	IV	U	A
PHENANTHRENE	0.93	U	U	
PYRENE	0.72	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1902
samp_date	5/10/2006
lab_id	0605175-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	

nsample	46GW1402
samp_date	5/10/2006
lab_id	0605175-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
BIS(2-ETHYLHEXYL)PHTHALATE	1	U	U	

PROJ_NO: 00007

SDG: 0605175 MEDIA: SOIL DATA FRACTION: PET

nsample	45SB2801
samp_date	5/11/2006
lab_id	0605175-16
qc_type	NM
units	MG/KG
Pct_Solids	90.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TPH (C08-C40)	33			

nsample	45SB2901
samp_date	5/11/2006
lab_id	0605175-17
qc_type	NM
units	MG/KG
Pct_Solids	94.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TPH (C08-C40)	55		J	R

nsample	45SB3001
samp_date	5/11/2006
lab_id	0605175-18
qc_type	NM
units	MG/KG
Pct_Solids	95.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TPH (C08-C40)	65		J	R

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4201

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-25

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0517525A

Level: (low/med) LOW Date Sampled: 05/11/06 12:20

% Moisture: not dec. 5 Date Analyzed: 05/21/06 17:46

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.33	5.6		U
75-25-2	Bromoform	1.1	5.6		U
74-83-9	Bromomethane	0.80	11		U
56-23-5	Carbon tetrachloride	0.98	5.6		U
108-90-7	Chlorobenzene	2.8	5.6		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.61	5.6		U
74-87-3	Chloromethane	0.58	11		U
124-48-1	Dibromochloromethane	0.38	5.6		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.48	5.6		U
95-50-1	1,2-Dichlorobenzene	0.41	5.6		U
541-73-1	1,3-Dichlorobenzene	0.94	5.6		U
106-46-7	1,4-Dichlorobenzene	0.61	5.6		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.60	5.6		U
107-06-2	1,2-Dichloroethane	0.51	5.6		U
75-35-4	1,1-Dichloroethene	1.3	5.6		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.6		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.6		U
78-87-5	1,2-Dichloropropane	0.51	5.6		U
10061-01-5	cis-1,3-Dichloropropene	0.56	5.6		U
10061-02-6	trans-1,3-Dichloropropene	0.36	5.6		U
75-09-2	Methylene chloride	0.69	11	0.94	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.48	5.6		U
127-18-4	Tetrachloroethene	1.1	5.6		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.6		U
71-55-6	1,1,1-Trichloroethane	1.0	5.6		U
79-00-5	1,1,2-Trichloroethane	0.39	5.6		U
79-01-6	Trichloroethene	0.95	5.6	1.1	I
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.61	5.6		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4202

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-26

Sample wt/vol: 4.8 (g/mL) G Lab File ID: 0517526A

Level: (low/med) LOW Date Sampled: 05/11/06 12:27

% Moisture: not dec. 5 Date Analyzed: 05/21/06 18:22

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.33	5.4		U
75-25-2	Bromoform	1.1	5.4		U
74-83-9	Bromomethane	0.79	11		U
56-23-5	Carbon tetrachloride	0.96	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.60	5.4		U
74-87-3	Chloromethane	0.57	11		U
124-48-1	Dibromochloromethane	0.37	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.47	5.4		U
95-50-1	1,2-Dichlorobenzene	0.40	5.4		U
541-73-1	1,3-Dichlorobenzene	0.92	5.4		U
106-46-7	1,4-Dichlorobenzene	0.60	5.4		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.59	5.4		U
107-06-2	1,2-Dichloroethane	0.50	5.4		U
75-35-4	1,1-Dichloroethene	1.3	5.4		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.4		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.4		U
78-87-5	1,2-Dichloropropane	0.50	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.54	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.35	5.4		U
75-09-2	Methylene chloride	0.68	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.47	5.4		U
127-18-4	Tetrachloroethene	1.0	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.4		U
71-55-6	1,1,1-Trichloroethane	0.98	5.4		U
79-00-5	1,1,2-Trichloroethane	0.38	5.4		U
79-01-6	Trichloroethene	0.93	5.4	1.2	I
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.60	5.4		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4203

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-27

Sample wt/vol: 5.3 (g/mL) G Lab File ID: 0517527A

Level: (low/med) LOW Date Sampled: 05/11/06 12:32

% Moisture: not dec. 8 Date Analyzed: 05/21/06 18:59

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.30	5.1		U
75-25-2	Bromoform	1.0	5.1		U
74-83-9	Bromomethane	0.73	10		U
56-23-5	Carbon tetrachloride	0.90	5.1		U
108-90-7	Chlorobenzene	2.5	5.1		U
75-00-3	Chloroethane	1.1	10		U
67-66-3	Chloroform	0.56	5.1		U
74-87-3	Chloromethane	0.53	10		U
124-48-1	Dibromochloromethane	0.35	5.1		U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	10		U
106-93-4	1,2-Dibromoethane	0.44	5.1		U
95-50-1	1,2-Dichlorobenzene	0.38	5.1		U
541-73-1	1,3-Dichlorobenzene	0.86	5.1		U
106-46-7	1,4-Dichlorobenzene	0.56	5.1		U
75-71-8	Dichlorodifluoromethane	1.1	10		U
75-34-3	1,1-Dichloroethane	0.55	5.1		U
107-06-2	1,2-Dichloroethane	0.47	5.1		U
75-35-4	1,1-Dichloroethene	1.2	5.1		U
156-59-2	cis-1,2-Dichloroethene	1.2	5.1		U
156-60-5	trans-1,2-Dichloroethene	1.1	5.1		U
78-87-5	1,2-Dichloropropane	0.47	5.1		U
10061-01-5	cis-1,3-Dichloropropene	0.51	5.1		U
10061-02-6	trans-1,3-Dichloropropene	0.33	5.1		U
75-09-2	Methylene chloride	0.63	10		U
79-34-5	1,1,2,2-Tetrachloroethane	0.44	5.1		U
127-18-4	Tetrachloroethene	0.99	5.1		U
120-82-1	1,2,4-Trichlorobenzene	0.18	5.1		U
71-55-6	1,1,1-Trichloroethane	0.92	5.1		U
79-00-5	1,1,2-Trichloroethane	0.36	5.1		U
79-01-6	Trichloroethene	0.87	5.1		U
75-69-4	Trichlorofluoromethane	0.97	10		U
76-13-1	Trichlorotrifluoroethane	0.56	5.1		U
75-01-4	Vinyl chloride	1.1	10		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4301

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-19

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0517519M

Level: (low/med) MED Date Sampled: 05/11/06 11:35

% Moisture: not dec. 2 Date Analyzed: 05/22/06 16:02

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	17	280		U
75-25-2	Bromoform	56	280		U
74-83-9	Bromomethane	41	560		U
56-23-5	Carbon tetrachloride	50	280		U
108-90-7	Chlorobenzene	140	280		U
75-00-3	Chloroethane	62	560		U
67-66-3	Chloroform	31	280		U
74-87-3	Chloromethane	29	560	46	IV
124-48-1	Dibromochloromethane	19	280		U
96-12-8	1,2-Dibromo-3-chloropropane	68	560		U
106-93-4	1,2-Dibromoethane	24	280		U
95-50-1	1,2-Dichlorobenzene	21	280		U
541-73-1	1,3-Dichlorobenzene	47	280		U
106-46-7	1,4-Dichlorobenzene	31	280		U
75-71-8	Dichlorodifluoromethane	62	560		U
75-34-3	1,1-Dichloroethane	30	280		U
107-06-2	1,2-Dichloroethane	26	280		U
75-35-4	1,1-Dichloroethene	68	280		U
156-59-2	cis-1,2-Dichloroethene	68	280		U
156-60-5	trans-1,2-Dichloroethene	62	280		U
78-87-5	1,2-Dichloropropane	26	280		U
10061-01-5	cis-1,3-Dichloropropene	28	280		U
10061-02-6	trans-1,3-Dichloropropene	18	280		U
75-09-2	Methylene chloride	35	560		U
79-34-5	1,1,2,2-Tetrachloroethane	24	280		U
127-18-4	Tetrachloroethene	55	280		U
120-82-1	1,2,4-Trichlorobenzene	10	280		U
71-55-6	1,1,1-Trichloroethane	51	280		U
79-00-5	1,1,2-Trichloroethane	20	280		U
79-01-6	Trichloroethene	48	280	820	
75-69-4	Trichlorofluoromethane	54	560		U
76-13-1	Trichlorotrifluoroethane	31	280		U
75-01-4	Vinyl chloride	62	560		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4302

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-20

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0517520A

Level: (low/med) LOW Date Sampled: 05/11/06 11:40

% Moisture: not dec. 3 Date Analyzed: 05/21/06 14:43

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.34	5.7		U
75-25-2	Bromoform	1.1	5.7		U
74-83-9	Bromomethane	0.82	11		U
56-23-5	Carbon tetrachloride	1.00	5.7		U
108-90-7	Chlorobenzene	2.8	5.7		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.62	5.7		U
74-87-3	Chloromethane	0.59	11		U
124-48-1	Dibromochloromethane	0.39	5.7		U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	11		U
106-93-4	1,2-Dibromoethane	0.49	5.7		U
95-50-1	1,2-Dichlorobenzene	0.42	5.7		U
541-73-1	1,3-Dichlorobenzene	0.95	5.7		U
106-46-7	1,4-Dichlorobenzene	0.62	5.7		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.61	5.7		U
107-06-2	1,2-Dichloroethane	0.52	5.7		U
75-35-4	1,1-Dichloroethene	1.4	5.7		U
156-59-2	cis-1,2-Dichloroethene	1.4	5.7		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.7		U
78-87-5	1,2-Dichloropropane	0.52	5.7		U
10061-01-5	cis-1,3-Dichloropropene	0.57	5.7		U
10061-02-6	trans-1,3-Dichloropropene	0.36	5.7		U
75-09-2	Methylene chloride	0.70	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.49	5.7		U
127-18-4	Tetrachloroethene	1.1	5.7		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.7		U
71-55-6	1,1,1-Trichloroethane	1.0	5.7		U
79-00-5	1,1,2-Trichloroethane	0.40	5.7		U
79-01-6	Trichloroethene	0.96	5.7	12	
75-69-4	Trichlorofluoromethane	1.1	11		U
76-13-1	Trichlorotrifluoroethane	0.62	5.7		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4303

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-21

Sample wt/vol: 4.6 (g/mL) G Lab File ID: 0517521A

Level: (low/med) LOW Date Sampled: 05/11/06 11:45

% Moisture: not dec. 4 Date Analyzed: 05/21/06 15:20

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.34	5.6		U
75-25-2	Bromoform	1.1	5.6		U
74-83-9	Bromomethane	0.81	11		U
56-23-5	Carbon tetrachloride	0.99	5.6		U
108-90-7	Chlorobenzene	2.8	5.6		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.62	5.6		U
74-87-3	Chloromethane	0.59	11		U
124-48-1	Dibromochloromethane	0.38	5.6		U
96-12-8	1,2-Dibromo-3-chloropropane	1.4	11		U
106-93-4	1,2-Dibromoethane	0.48	5.6		U
95-50-1	1,2-Dichlorobenzene	0.42	5.6		U
541-73-1	1,3-Dichlorobenzene	0.95	5.6		U
106-46-7	1,4-Dichlorobenzene	0.62	5.6		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.61	5.6		U
107-06-2	1,2-Dichloroethane	0.52	5.6		U
75-35-4	1,1-Dichloroethene	1.4	5.6		U
156-59-2	cis-1,2-Dichloroethene	1.4	5.6		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.6		U
78-87-5	1,2-Dichloropropane	0.52	5.6		U
10061-01-5	cis-1,3-Dichloropropene	0.56	5.6		U
10061-02-6	trans-1,3-Dichloropropene	0.36	5.6		U
75-09-2	Methylene chloride	0.70	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	5.6		U
127-18-4	Tetrachloroethene	1.1	5.6		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.6		U
71-55-6	1,1,1-Trichloroethane	1.0	5.6		U
79-00-5	1,1,2-Trichloroethane	0.40	5.6		U
79-01-6	Trichloroethene	0.96	5.6	5.3	I
75-69-4	Trichlorofluoromethane	1.1	11		U
76-13-1	Trichlorotrifluoroethane	0.62	5.6		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4401

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-22

Sample wt/vol: 4.8 (g/mL) G Lab File ID: 0517522A

Level: (low/med) LOW Date Sampled: 05/11/06 12:00

% Moisture: not dec. 5 Date Analyzed: 05/21/06 15:56

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.33	5.4		U
75-25-2	Bromoform	1.1	5.4		U
74-83-9	Bromomethane	0.78	11		U
56-23-5	Carbon tetrachloride	0.96	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.60	5.4		U
74-87-3	Chloromethane	0.56	11		U
124-48-1	Dibromochloromethane	0.37	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.47	5.4		U
95-50-1	1,2-Dichlorobenzene	0.40	5.4		U
541-73-1	1,3-Dichlorobenzene	0.91	5.4		U
106-46-7	1,4-Dichlorobenzene	0.60	5.4		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.59	5.4		U
107-06-2	1,2-Dichloroethane	0.50	5.4		U
75-35-4	1,1-Dichloroethene	1.3	5.4		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.4		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.4		U
78-87-5	1,2-Dichloropropane	0.50	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.54	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.35	5.4		U
75-09-2	Methylene chloride	0.67	11	5.0	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.47	5.4		U
127-18-4	Tetrachloroethene	1.0	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.4		U
71-55-6	1,1,1-Trichloroethane	0.98	5.4		U
79-00-5	1,1,2-Trichloroethane	0.38	5.4		U
79-01-6	Trichloroethene	0.92	5.4	1.8	I
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.60	5.4		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4402

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-23

Sample wt/vol: 4.8 (g/mL) G Lab File ID: 0517523A

Level: (low/med) LOW Date Sampled: 05/11/06 12:05

% Moisture: not dec. 6 Date Analyzed: 05/21/06 16:33

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.33	5.6		U
75-25-2	Bromoform	1.1	5.6		U
74-83-9	Bromomethane	0.80	11		U
56-23-5	Carbon tetrachloride	0.98	5.6		U
108-90-7	Chlorobenzene	2.8	5.6		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.61	5.6		U
74-87-3	Chloromethane	0.58	11		U
124-48-1	Dibromochloromethane	0.38	5.6		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.48	5.6		U
95-50-1	1,2-Dichlorobenzene	0.41	5.6		U
541-73-1	1,3-Dichlorobenzene	0.93	5.6		U
106-46-7	1,4-Dichlorobenzene	0.61	5.6		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.60	5.6		U
107-06-2	1,2-Dichloroethane	0.51	5.6		U
75-35-4	1,1-Dichloroethene	1.3	5.6		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.6		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.6		U
78-87-5	1,2-Dichloropropane	0.51	5.6		U
10061-01-5	cis-1,3-Dichloropropene	0.56	5.6		U
10061-02-6	trans-1,3-Dichloropropene	0.36	5.6		U
75-09-2	Methylene chloride	0.69	11	1.7	IV
79-34-5	1,1,2,2-Tetrachloroethane	0.48	5.6		U
127-18-4	Tetrachloroethene	1.1	5.6		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.6		U
71-55-6	1,1,1-Trichloroethane	1.0	5.6		U
79-00-5	1,1,2-Trichloroethane	0.39	5.6		U
79-01-6	Trichloroethene	0.94	5.6		U
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.61	5.6		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4403

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-24

Sample wt/vol: 4.7 (g/mL) G Lab File ID: 0517524A

Level: (low/med) LOW Date Sampled: 05/11/06 12:10

% Moisture: not dec. 3 Date Analyzed: 05/21/06 17:09

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.33	5.4		U
75-25-2	Bromoform	1.1	5.4		U
74-83-9	Bromomethane	0.78	11		U
56-23-5	Carbon tetrachloride	0.96	5.4		U
108-90-7	Chlorobenzene	2.7	5.4		U
75-00-3	Chloroethane	1.2	11		U
67-66-3	Chloroform	0.60	5.4		U
74-87-3	Chloromethane	0.56	11		U
124-48-1	Dibromochloromethane	0.37	5.4		U
96-12-8	1,2-Dibromo-3-chloropropane	1.3	11		U
106-93-4	1,2-Dibromoethane	0.47	5.4		U
95-50-1	1,2-Dichlorobenzene	0.40	5.4		U
541-73-1	1,3-Dichlorobenzene	0.91	5.4		U
106-46-7	1,4-Dichlorobenzene	0.60	5.4		U
75-71-8	Dichlorodifluoromethane	1.2	11		U
75-34-3	1,1-Dichloroethane	0.59	5.4		U
107-06-2	1,2-Dichloroethane	0.50	5.4		U
75-35-4	1,1-Dichloroethene	1.3	5.4		U
156-59-2	cis-1,2-Dichloroethene	1.3	5.4		U
156-60-5	trans-1,2-Dichloroethene	1.2	5.4		U
78-87-5	1,2-Dichloropropane	0.50	5.4		U
10061-01-5	cis-1,3-Dichloropropene	0.54	5.4		U
10061-02-6	trans-1,3-Dichloropropene	0.35	5.4		U
75-09-2	Methylene chloride	0.67	11		U
79-34-5	1,1,2,2-Tetrachloroethane	0.47	5.4		U
127-18-4	Tetrachloroethene	1.0	5.4		U
120-82-1	1,2,4-Trichlorobenzene	0.20	5.4		U
71-55-6	1,1,1-Trichloroethane	0.98	5.4		U
79-00-5	1,1,2-Trichloroethane	0.38	5.4		U
79-01-6	Trichloroethene	0.92	5.4	3.6	I
75-69-4	Trichlorofluoromethane	1.0	11		U
76-13-1	Trichlorotrifluoroethane	0.60	5.4		U
75-01-4	Vinyl chloride	1.2	11		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

44SB4101

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-14

Sample wt/vol: 15.1 (g/mL) G Lab File ID: 0517514

% Moisture: 10 decanted: (Y/N) N Date Sampled: 05/11/06 07:30

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:05/23/06

Concentrated Extract Volume: 500.0(uL) Date Analyzed: 05/24/06 12:40

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.2	3.7		U
208-96-8	Acenaphthylene	1.1	3.7		U
120-12-7	Anthracene	1.2	3.7		U
56-55-3	Benzo(a)anthracene	0.92	3.7		U
205-99-2	Benzo(b)fluoranthene	0.70	3.7		U
207-08-9	Benzo(k)fluoranthene	0.85	3.7		U
191-24-2	Benzo(g,h,i)perylene	0.44	3.7		U
50-32-8	Benzo(a)pyrene	0.92	3.7		U
218-01-9	Chrysene	0.52	3.7		U
53-70-3	Dibenz(a,h)anthracene	0.37	3.7		U
206-44-0	Fluoranthene	0.78	3.7		U
86-73-7	Fluorene	1.0	3.7		U
193-39-5	Indeno(1,2,3-cd)pyrene	0.89	3.7		U
91-57-6	2-Methylnaphthalene	1.4	3.7		U
90-12-0	1-Methylnaphthalene	1.3	3.7		U
91-20-3	Naphthalene	1.4	3.7	1.9	IV
85-01-8	Phenanthrene	0.96	3.7		U
129-00-0	Pyrene	0.74	3.7		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

44SB4102

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-15

Sample wt/vol: 15.0 (g/mL) G Lab File ID: 0517515

% Moisture: 7 decanted: (Y/N) N Date Sampled: 05/11/06 07:35

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:05/23/06

Concentrated Extract Volume: 500.0(uL) Date Analyzed: 05/24/06 13:21

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.2	3.6		U
208-96-8	Acenaphthylene	1.0	3.6		U
120-12-7	Anthracene	1.2	3.6		U
56-55-3	Benzo(a)anthracene	0.90	3.6		U
205-99-2	Benzo(b)fluoranthene	0.68	3.6		U
207-08-9	Benzo(k)fluoranthene	0.82	3.6		U
191-24-2	Benzo(g,h,i)perylene	0.43	3.6		U
50-32-8	Benzo(a)pyrene	0.90	3.6		U
218-01-9	Chrysene	0.50	3.6		U
53-70-3	Dibenz(a,h)anthracene	0.36	3.6		U
206-44-0	Fluoranthene	0.75	3.6		U
86-73-7	Fluorene	1.0	3.6		U
193-39-5	Indeno(1,2,3-cd)pyrene	0.86	3.6		U
91-57-6	2-Methylnaphthalene	1.4	3.6		U
90-12-0	1-Methylnaphthalene	1.3	3.6		U
91-20-3	Naphthalene	1.4	3.6	1.8	IV
85-01-8	Phenanthrene	0.93	3.6		U
129-00-0	Pyrene	0.72	3.6		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

44GW1902

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) WATER Lab Sample ID: 0605175-10

Sample wt/vol: 960.0 (g/mL) ML Lab File ID: 0517510

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 05/10/06 09:00

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:05/16/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 05/18/06 15:17

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.2		U

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46GW1402

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) WATER Lab Sample ID: 0605175-11

Sample wt/vol: 980.0 (g/mL) ML Lab File ID: 0517511

% Moisture: _____ decanted: (Y/N)___ Date Sampled: 05/10/06 10:30

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:05/16/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 05/18/06 15:52

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.1		U

FORM 1
PRO ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

45SB2801

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-16

Sample wt/vol: 25.3 (g/mL) G Lab File ID: 029R0201

% Moisture: 10 decanted: (Y/N) N Date Sampled: 05/11/06 08:28

Extraction: (SepF/Cont/Sonc/Soxh) SONC Date Extracted:05/18/06

Concentrated Extract Volume: 2.0(mL) Date Analyzed: 05/20/06 23:16

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
	PRO-8-40------Petroleum Range	2.6	7.5	33	

FORM 1
PRO ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

45SB2901

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-17

Sample wt/vol: 25.1 (g/mL) G Lab File ID: 030R0201

% Moisture: 6 decanted: (Y/N) N Date Sampled: 05/11/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SONC Date Extracted:05/18/06

Concentrated Extract Volume: 2.0(mL) Date Analyzed: 05/20/06 23:50

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
	PRO-8-40------Petroleum Range	2.6	7.2	55	

FORM 1
PRO ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

45SB3001

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-18

Sample wt/vol: 25.0 (g/mL) G Lab File ID: 032R0201

% Moisture: 5 decanted: (Y/N) N Date Sampled: 05/11/06 08:40

Extraction: (SepF/Cont/Sonc/Soxh) SONC Date Extracted:05/18/06

Concentrated Extract Volume: 2.0(mL) Date Analyzed: 05/21/06 00:57

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
	PRO-8-40------Petroleum Range	2.5	7.2	65	

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG 0605175

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	45SB3501	0605175-02	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3601	0605175-01	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3701	0605175-07	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3702	0605175-08	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3703	0605175-09	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3801	0605175-04	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3802	0605175-05	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3803	0605175-06	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	MG/KG	45SB3403	0605175-03	NM	5/11/2006	5/17/2006	5/18/2006	6	1	7
M	UG/L	44GW1902	0605175-10	NM	5/10/2006	5/17/2006	5/18/2006	7	1	8
M	UG/L	45GW0402	0605175-13	NM	5/10/2006	5/17/2006	5/18/2006	7	1	8
M	UG/L	18GW0202	0605175-12	NM	5/10/2006	5/17/2006	5/18/2006	7	1	8
OS	%	46GW1402	0605175-11	NM	5/10/2006	5/16/2006	5/18/2006	6	2	8
OS	%	44GW1902	0605175-10	NM	5/10/2006	5/16/2006	5/18/2006	6	2	8
OS	UG/L	44GW1902	0605175-10	NM	5/10/2006	5/16/2006	5/18/2006	6	2	8

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	46GW1402	0605175-11	NM	5/10/2006	5/16/2006	5/18/2006	6	2	8
OV	%	46SB4401	0605175-22	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4303	0605175-21	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4201	0605175-25	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4202	0605175-26	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4203	0605175-27	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4301	0605175-19	NM	5/11/2006	5/22/2006	5/22/2006	11	0	11
OV	%	46SB4402	0605175-23	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4403	0605175-24	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	%	46SB4302	0605175-20	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4402	0605175-23	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4403	0605175-24	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4401	0605175-22	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4303	0605175-21	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4302	0605175-20	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4301	0605175-19	NM	5/11/2006	5/22/2006	5/22/2006	11	0	11
OV	UG/KG	46SB4203	0605175-27	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
OV	UG/KG	46SB4202	0605175-26	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	46SB4201	0605175-25	NM	5/11/2006	5/21/2006	5/21/2006	10	0	10
PAH	%	44SB4102	0605175-15	NM	5/11/2006	5/23/2006	5/24/2006	12	1	13
PAH	%	44SB4101	0605175-14	NM	5/11/2006	5/23/2006	5/24/2006	12	1	13
PAH	UG/KG	44SB4101	0605175-14	NM	5/11/2006	5/23/2006	5/24/2006	12	1	13
PAH	UG/KG	44SB4102	0605175-15	NM	5/11/2006	5/23/2006	5/24/2006	12	1	13
TPH	%	45SB2801	0605175-16	NM	5/11/2006	5/18/2006	5/20/2006	7	2	9
TPH	%	45SB2901	0605175-17	NM	5/11/2006	5/18/2006	5/20/2006	7	2	9
TPH	%	45SB3001	0605175-18	NM	5/11/2006	5/18/2006	5/21/2006	7	3	10
TPH	MG/KG	45SB3001	0605175-18	NM	5/11/2006	5/18/2006	5/21/2006	7	3	10
TPH	MG/KG	45SB2801	0605175-16	NM	5/11/2006	5/18/2006	5/20/2006	7	2	9
TPH	MG/KG	45SB2901	0605175-17	NM	5/11/2006	5/18/2006	5/20/2006	7	2	9

ORGANIC CASE NARRATIVE
Tetra Tech NUS, Inc./NAS Pensacola, FL CTO367
Project Manager: B. Olson
SDG: 0605175
Work Order: 0605175

Lab Sample ID	Client Sample ID
0605175-10	44GW1902
0605175-11	46GW1402
0605175-14	44SB4101
0605175-15	44SB4102
0605175-16	45SB2801
0605175-17	45SB2901
0605175-18	45SB3001
0605175-19	45SB4301
0605175-20	46SB4302
0605175-21	46SB4303
0605175-22	46SB4401
0605175-23	46SB4402
0605175-24	46SB4403
0605175-25	46SB4201
0605175-26	46SB4202
0605175-27	46SB4203

Volatiles

Method: The samples were extracted/analyzed by USEPA SW-846 Methods 5035/8260B (TerraCore field sampling followed by purge and trap then capillary column GC/MS) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The volatile analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following note/exceptions:

- Sample analyses are based on screen results. Soil samples are reported from the low-level vial and/or methanol extract, as necessary, depending on screen results and analyte concentrations.
- Chloromethane or methylene chloride were detected in the method blanks associated to these samples at concentrations below the quantitation limit. Reported concentrations in the associated samples are flagged with a "V".
- Sample 46SB4401 had low recovery of the surrogate dibromofluoromethane. A check of the sample pH after analysis confirmed this is due to the high pH of the samples.

Petroleum Range Organics

Method: The samples were analyzed by the Florida Petroleum Range Organics Method (FL-PRO, sonication extraction followed by capillary column GC/FID) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- The surrogate nonatriacontane exceeded 25% difference on the low side in some of the continuing calibration verifications. Surrogate recoveries were evaluated and determined not to have been biased

into control by the exceedence.

- Method blank FS1BLK0518 has a reported concentrations of PRO below the quantitation limit. There are no reported concentrations within 5x the method blank concentration.
- Recoveries of the surrogate nonatriacontane are below the limit of 40% at 16%, 39% and 38%, respectively, in the analyses for FS1BLK0518, 45SB2901 and 45SB3001. All recoveries of the surrogate ortho-terphenyl were within limits. Past experience with the surrogate nonatriacontane indicate it is not a good indicator of PRO recovery.

Semivolatiles

Method: The samples were analyzed for bis(2-ethylhexyl)phthalate by USEPA SW-846 Methods 3510C/8270C (separatory funnel extraction followed by capillary column GC/MS) for waters upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications.

Semivolatile PAH Samples

Method: The samples were extracted/analyzed for polynuclear aromatic hydrocarbons by USEPA SW-846 Methods 3541/8270C (automated soxhlet extraction followed by capillary column GC/MS) for soils upon receipt to the laboratory in satisfactory condition.
Comments: The analyses for these samples were satisfactorily completed within sample holding times and met the corresponding specifications with the following exceptions:

- Note: These samples were analyzed for full-scan, low-concentration PAHs by employing a combination of sensitivity enhancing techniques in the extraction and analysis processes.
- Method blank SBLK0523BS1has a reported concentrations of naphthalene. Reported concentrations in the associated samples are flagged with a "V".

I certify that, to the best of my knowledge and based upon my inquiry of those individuals immediately responsible for obtaining the information, the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, with the exception of the conditions detailed in the case narrative, as verified by the following signature.

Marcia K. McGinnity
Senior Project Manager

ANALYTICAL REPORT TERMS AND QUALIFIERS (FLORIDA)

MDL: The method detection limit (MDL) is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The MDL is determined from analysis of a sample containing the analyte in a given matrix.

EQL/RL: The estimated quantitation limit (EQL)/reporting limit (RL) is defined as the estimated concentration above which quantitative results can be obtained with a specific degree of confidence. ELAB defines the EQL to be at or near the lowest standard of the calibration curve.

U: The presence of a "U" indicates that the analyte was analyzed for but was not detected or the concentration of the analyte quantitated below the MDL.

D: When a sample (or sample extract) is rerun diluted because one of the compound concentrations exceeded the highest concentration range for the standard curve, all of the values obtained in the dilution run will be flagged with a "D".

I: The presence of an "I" to the right of an analytical result indicates that the reported result is estimated. The data pass the identification criteria indicating that the compound is present, but the calculated result is less than the EQL/RL.

L: The concentration for any compound found which exceeds the highest concentration level on the standard curve for that compound will be flagged with a "L". Usually the sample will be rerun at a dilution to quantitate the flagged compound.

V: The presence of a "V" to the right of an analytical value indicates that this compound was also detected in the method blank and the data should be interpreted with caution. One should consider the possibility that the correct sample result might be less than the reported result and, perhaps, zero.

J1: The reported analyte concentration may have a high bias as the CCV exceeded the limit on the high side.

J2: The reported analyte concentration may have a low bias as the CCV exceeded the limit on the low side.

J3: The reported non-detect result may be due to a low bias as the CCV for the confirmation column exceeded the limit on the low side.

J4: The presence of a "J4" to the right of an analytical result indicates that the sample matrix interfered with the quantitation of the analyte. In GC and HPLC, results are reported from the column with the lower concentration.

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

36226

EMPIRICAL LABORATORIES, LLC
227 French Landing Drive
Suite 550
Nashville, TN 37228
Attn: Analytical Laboratory
(615) 345-1115 (phone)
(615) 846-5426 (fax)

Send Results to:
Name Gerry Walker
Company T+N US
Address 3360 Capital Circle NE
City,State,Zip Tallahassee FL 32308
Phone 850 385 9899
Fax 850 385 9860
E-mail WALKERG@TNUS.com

Send Invoice To:
Name send
Company
Address
City,State,Zip
Phone
Purchase Order
E-mail

Details:
Page 2 of 3
Cooler No. 1 of 1
Date Shipped 5-11-06
Shipped By UPS
Turnaround STD
(Std. Turn unless noted otherwise / There may be a surcharge for RUSH-contact lab)

Project No./Name

Samplers (Signature)*

Lab Use Only Lab #	Date Sampled	Time	Comp./ Grab	Sample Location/Description	Sample Matrix	Field pH/Temp	Field Cond.	ANALYSIS REQUIRED	No. of Bottles	Lab Use Only Containers/Pres.
5175-10	5-10-06	0900	G	44GW1902	GW			Mn, Fe, + BehP8270	3	1B-HNO_3 pH-1 2H-[illegible]
11	5-10-06	1030	G	46GW1402	GW			BehP 8270	2	2H-[illegible]
12	5-10-06	1150	G	18GW0202	GW			Pb	1	1B-HNO_3 pH-1
13	5-10-06	1245	G	45GW0402	GW			Pb	1	↓
14	5-11/06	0730	G	44SB4101	SO			PAHs 8270	1	1H-[illegible]
15	5-11/06	0735	G	44SB 4102	SO			PAHs 8270	1	
16	5-11/06	0828	G	45SB 2801	SO			~~PAHs~~ WDO 5-11/06 827 TRPH FL-PRO	1	
17	5-11/06	0835	G	45SB 2901	SO			TRPH FL-PRO	1	
18	5-11/06	0840	G	45SB 3001	SO			TRPH- FL-PRO	1	↓

Sample Kit Prep'd by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Received for Laboratory by: (Signature)	Date/Time	*Temperature*
	5-12-06 900	3.0

REMARKS
*Signature required to ensure validity

Lab Use Only
VOA Headspace Y N (NA)
Field Filtered Y (N) NA
Correct Containers (Y) N NA
Discrepancies Y (N) NA
Cust. Seals intact (Y) N NA
Containers Intact (Y) N NA

Airbill # FX
CAR #

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

Empirical Laboratories, LLC

EMPIRICAL LABORATORIES, LLC CHAIN OF CUSTODY RECORD 36225

EMPIRICAL
LABORATORIES, LLC
227 French Landing Drive
Suite 550
Nashville, TN 37228
Attn: Analytical Laboratory
(615) 345-1115 (phone)
(615) 846-5426 (fax)

Send Results to:
Name Gary Walker
Company T+N US
Address 3360 [illegible]
City,State,Zip Tallahassee FL 32308
Phone 850 385 9899
Fax 850 385 9861
E-mail walker G @ T+N US.com

Send Invoice To:
Name Same
Company
Address
City,State,Zip
Phone
Purchase Order
E-mail

Details:
Page 1 of 3
Cooler No. 1 of 1
Date Shipped 5-11/06
Shipped By WPO
Turnaround STD
(Std. Turn unless noted otherwise / There may be a surcharge for RUSH-contact lab)

Project No./Name

Samplers (Signature)*

Lab Use Only Lab #	Date Sampled	Time	Comp./ Grab	Sample Location/Description	Sample Matrix	Field pH/Temp	Field Cond.	ANALYSIS REQUIRED	No. of Bottles	Lab Use Only Containers/Pres.
5175-01	5-11/06	0920	G	45SB3601	SO	0-6"		Pb	1	1M-[illegible]
02	5-11/06	0935	G	45SB 3501	SO	0-6"		Pb	1	
03	5-11/06	1000	G	45SB 3403	SO	2-4'		Pb	1	
04	5-11/06	1005	G	45SB3801	SO	0-6"		Pb	1	
05	5-11/06	1012	G	45SB 3802	SO	6"-2'		Pb	1	
06	5-11/06	1017	G	45SB 3803	SO	2-4'		Pb	1	
07	5-11/06	1035	G	45SB 3701	SO	0-6"		Pb		
08	5-11/06	1040	G	45SB 3702	SO	6"-2'		Pb		
09	5-11/06	1050	G	45SB 3703	SO	2-4'		Pb		

Sample Kit Prep'd by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature) [signature]	Date/Time 5-11/06 1645	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Received for Laboratory by: (Signature) [signature]	Date/Time 5-12-06 900	Temperature 3.0

REMARKS
*Signature required to ensure validity

Lab Use Only

VOA Headspace	Y	N	NA
Field Filtered	Y	N	NA
Correct Containers	Y	N	NA
Discrepancies	Y	N	NA
Cust. Seals intact	Y	N	NA
Containers Intact	Y	N	NA

Airbill # FX

CAR #

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

50000

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

36223

Empirical Laboratories, LLC
EMPIRICAL LABORATORIES, LLC
227 French Landing Drive
Suite 550
Nashville, TN 37228
Attn: Analytical Laboratory
(615) 345-1115 (phone)
(615) 846-5426 (fax)

Send Results to:

Name Gerry Walker
Company TtNUS
Address 3360 Capital Circle NE
City,State,Zip Tallahassee FL 32308
Phone 850-385-9899
Fax 850-385-9860
E-mail WALKER G@TtNUS.com

Send Invoice To:

Name Same
Company
Address
City,State,Zip
Phone
Purchase Order
E-mail

Details:

Page 3 of 3
Cooler No. 1 of 1
Date Shipped 5-11/06
Shipped By MRO
Turnaround STD
(Std. Turn unless noted otherwise / There may be a surcharge for RUSH-contact lab)

Project No./Name

Samplers (Signature)*

Lab Use Only Lab #	Date Sampled	Time	Comp./ Grab	Sample Location/Description	Sample Matrix	Field pH/Temp	Field Cond.	ANALYSIS REQUIRED	No. of Bottles	*Lab Use Only* Containers/Pres.
5175.19	5-11/06	1135	G	46SB 4301	SO	0-6"		CVOC 8260	4	35 Na_2SO_4 10 -vapor
20		1140	G	46SB4302	SO	6"-2'		CVOC	4	
21		1145	G	46SB4303	SO	2'-4'		CVOC	4	
22		1200	G	46SB 4401	SO	0-6"		CVOC	4	
23		1205	G	46SB 4402	SO	6"-2'		CVOC	4	
24		1210	G	46SB4403	SO	2-4'		CVOC	4	
25		1220	G	46SB4201	SO	0-6"		CVOC	4	
26		1227	G	46SB 4202	SO	6"-2'		CVOC	4	
27		1232	G	46SB 4203	SO	2-4'		CVOC	4	

Sample Kit Prep'd by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Relinquished by: (Signature)	Date/Time	Received By: (Signature)
Received for Laboratory by: (Signature)	Date/Time	*Temperature*
	5-12-06 900	3.0

REMARKS
*Signature required to ensure validity

Lab Use Only

VOA Headspace	Y	(N)	NA
Field Filtered	Y	N	(NA)
Correct Containers	(Y)	N	NA
Discrepancies	Y	(N)	NA
Cust. Seals intact	(Y)	N	NA
Containers Intact	(Y)	N	NA

Airbill # FX
CAR #

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V1PBLK0521

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Lab File ID: V1PBLK01 Lab Sample ID: V1PBLK0521

Date Analyzed: 05/21/06 Time Analyzed: 1253

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: VOA1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1PBLK0521LC	V1PBLK0521LCS	V1LCS01	1140
02	46SB4302	0605175-20	0517520A	1443
03	46SB4303	0605175-21	0517521A	1520
04	46SB4401	0605175-22	0517522A	1556
05	46SB4402	0605175-23	0517523A	1633
06	46SB4403	0605175-24	0517524A	1709
07	46SB4201	0605175-25	0517525A	1746
08	46SB4202	0605175-26	0517526A	1822
09	46SB4203	0605175-27	0517527A	1859
10				
11				
12				
13				
14				
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16				
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30				

COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1PBLK0521

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: V1PBLK0521

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1PBLK01

Level: (low/med) LOW Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/21/06 12:53

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	0.30	5.0		U
75-25-2	Bromoform	1.0	5.0		U
74-83-9	Bromomethane	0.72	10		U
56-23-5	Carbon tetrachloride	0.88	5.0		U
108-90-7	Chlorobenzene	2.5	5.0		U
75-00-3	Chloroethane	1.1	10		U
67-66-3	Chloroform	0.55	5.0		U
74-87-3	Chloromethane	0.52	10		U
124-48-1	Dibromochloromethane	0.34	5.0		U
96-12-8	1,2-Dibromo-3-chloropropane	1.2	10		U
106-93-4	1,2-Dibromoethane	0.43	5.0		U
95-50-1	1,2-Dichlorobenzene	0.37	5.0		U
541-73-1	1,3-Dichlorobenzene	0.84	5.0		U
106-46-7	1,4-Dichlorobenzene	0.55	5.0		U
75-71-8	Dichlorodifluoromethane	1.1	10		U
75-34-3	1,1-Dichloroethane	0.54	5.0		U
107-06-2	1,2-Dichloroethane	0.46	5.0		U
75-35-4	1,1-Dichloroethene	1.2	5.0		U
156-59-2	cis-1,2-Dichloroethene	1.2	5.0		U
156-60-5	trans-1,2-Dichloroethene	1.1	5.0		U
78-87-5	1,2-Dichloropropane	0.46	5.0		U
10061-01-5	cis-1,3-Dichloropropene	0.50	5.0		U
10061-02-6	trans-1,3-Dichloropropene	0.32	5.0		U
75-09-2	Methylene chloride	0.62	10	3.0	I
79-34-5	1,1,2,2-Tetrachloroethane	0.43	5.0		U
127-18-4	Tetrachloroethene	0.97	5.0		U
120-82-1	1,2,4-Trichlorobenzene	0.18	5.0		U
71-55-6	1,1,1-Trichloroethane	0.90	5.0		U
79-00-5	1,1,2-Trichloroethane	0.35	5.0		U
79-01-6	Trichloroethene	0.85	5.0		U
75-69-4	Trichlorofluoromethane	0.95	10		U
76-13-1	Trichlorotrifluoroethane	0.55	5.0		U
75-01-4	Vinyl chloride	1.1	10		U

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

V1PMBLK0522

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Lab File ID: V1MBLK01 Lab Sample ID: V1PMBLK0522

Date Analyzed: 05/22/06 Time Analyzed: 1413

Column: DB-VRX ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: VOA1

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	V1PMBLK0522L	V1PMBLK0522LCS	V1LCS01	1225
02	46SB4301	0605175-19	0517519M	1602
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COMMENTS:

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

V1PMBLK0522

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: V1PMBLK0522

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V1MBLK01

Level: (low/med) MED Date Sampled: _____

% Moisture: not dec. 0 Date Analyzed: 05/22/06 14:13

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	15	250		U
75-25-2	Bromoform	50	250		U
74-83-9	Bromomethane	36	500		U
56-23-5	Carbon tetrachloride	44	250		U
108-90-7	Chlorobenzene	120	250		U
75-00-3	Chloroethane	55	500		U
67-66-3	Chloroform	28	250		U
74-87-3	Chloromethane	26	500	74	I
124-48-1	Dibromochloromethane	17	250		U
96-12-8	1,2-Dibromo-3-chloropropane	60	500		U
106-93-4	1,2-Dibromoethane	22	250		U
95-50-1	1,2-Dichlorobenzene	18	250		U
541-73-1	1,3-Dichlorobenzene	42	250		U
106-46-7	1,4-Dichlorobenzene	28	250		U
75-71-8	Dichlorodifluoromethane	55	500		U
75-34-3	1,1-Dichloroethane	27	250		U
107-06-2	1,2-Dichloroethane	23	250		U
75-35-4	1,1-Dichloroethene	60	250		U
156-59-2	cis-1,2-Dichloroethene	60	250		U
156-60-5	trans-1,2-Dichloroethene	55	250		U
78-87-5	1,2-Dichloropropane	23	250		U
10061-01-5	cis-1,3-Dichloropropene	25	250		U
10061-02-6	trans-1,3-Dichloropropene	16	250		U
75-09-2	Methylene chloride	31	500		U
79-34-5	1,1,2,2-Tetrachloroethane	22	250		U
127-18-4	Tetrachloroethene	48	250		U
120-82-1	1,2,4-Trichlorobenzene	9.0	250		U
71-55-6	1,1,1-Trichloroethane	45	250		U
79-00-5	1,1,2-Trichloroethane	18	250		U
79-01-6	Trichloroethene	42	250		U
75-69-4	Trichlorofluoromethane	48	500		U
76-13-1	Trichlorotrifluoroethane	28	250		U
75-01-4	Vinyl chloride	55	500		U

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Level: (low/med) LOW

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V1PBLK0521LC	101	102	95	98	0
02	V1PBLK0521	108	105	104	103	0
03	46SB4302	83	100	105	100	0
04	46SB4303	84	98	106	103	0
05	46SB4401	69*	101	103	102	1
06	46SB4402	98	94	101	101	0
07	46SB4403	103	98	105	103	0
08	46SB4201	93	101	104	102	0
09	46SB4202	95	101	104	103	0
10	46SB4203	97	99	105	105	0
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	EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM) = Dibromofluoromethane	(80-125)	30
SMC2 (DCE) = 1,2-Dichloroethane-d4	(75-140)	30
SMC3 (TOL) = Toluene-d8	(80-120)	30
SMC4 (BFB) = Bromofluorobenzene	(80-125)	30

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Level: (low/med) MED

	CLIENT SAMPLE NO.	SMC1 (DFM) #	SMC2 (DCE) #	SMC3 (TOL) #	SMC4 (BFB) #	TOT OUT
01	V1PMBLK0522L	99	95	102	100	0
02	V1PMBLK0522	100	98	105	104	0
03	46SB4301	102	99	104	100	0
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	EL QC LIMITS	SPIKE CONC (ug/Kg)
SMC1 (DFM) = Dibromofluoromethane	(80-125)	1500
SMC2 (DCE) = 1,2-Dichloroethane-d4	(75-140)	1500
SMC3 (TOL) = Toluene-d8	(80-120)	1500
SMC4 (BFB) = Bromofluorobenzene	(80-125)	1500

Column to be used to flag recovery values

* Values outside of contract required QC limits

D Surrogate results reported from a diluted analysis

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix Spike - Client Sample No.: V1PBLK0521 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	50.00	0.0000	54.13	108	70-145
Bromoform	50.00	0.0000	41.41	83	60-130
Bromomethane	50.00	0.0000	41.43	83	50-160
Carbon tetrachloride	50.00	0.0000	46.70	93	65-140
Chlorobenzene	50.00	0.0000	48.18	96	70-120
Chloroethane	50.00	0.0000	47.52	95	60-145
Chloroform	50.00	0.0000	47.69	95	65-135
Chloromethane	50.00	0.0000	43.47	87	50-150
Dibromochloromethane	50.00	0.0000	53.44	107	70-140
1,2-Dibromo-3-chloropro	50.00	0.0000	47.60	95	55-145
1,2-Dibromoethane	50.00	0.0000	47.36	95	70-135
1,2-Dichlorobenzene	50.00	0.0000	50.40	101	75-125
1,3-Dichlorobenzene	50.00	0.0000	50.26	100	70-125
1,4-Dichlorobenzene	50.00	0.0000	50.39	101	70-125
Dichlorodifluoromethane	50.00	0.0000	44.70	89	35-155
1,1-Dichloroethane	50.00	0.0000	49.40	99	70-135
1,2-Dichloroethane	50.00	0.0000	50.72	101	65-140
1,1-Dichloroethene	50.00	0.0000	47.45	95	65-135
cis-1,2-Dichloroethene	50.00	0.0000	49.16	98	70-135
trans-1,2-Dichloroethen	50.00	0.0000	48.62	97	65-140
1,2-Dichloropropane	50.00	0.0000	50.12	100	70-135
cis-1,3-Dichloropropene	50.00	0.0000	51.29	102	75-135
trans-1,3-Dichloroprope	50.00	0.0000	45.62	91	65-125
Methylene chloride	50.00	3.000	48.96	92	55-155
1,1,2,2-Tetrachloroetha	50.00	0.0000	46.54	93	65-130
Tetrachloroethene	50.00	0.0000	48.55	97	65-130
1,2,4-Trichlorobenzene	50.00	0.0000	58.80	118	55-135
1,1,1-Trichloroethane	50.00	0.0000	50.08	100	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix Spike - Client Sample No.: V1PBLK0521 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	50.00	0.0000	48.12	96	70-130
Trichloroethene	50.00	0.0000	46.43	93	60-145
Trichlorofluoromethane	50.00	0.0000	48.68	97	60-145
Trichlorotrifluoroethan	50.00	0.0000	52.92	106	60-140
Vinyl chloride	50.00	0.0000	46.99	94	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix Spike - Client Sample No.: V1PMBLK0522 Level:(low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Bromodichloromethane	2500	0.0000	2536	101	70-145
Bromoform	2500	0.0000	1876	75	60-130
Bromomethane	2500	0.0000	1957	78	50-160
Carbon tetrachloride	2500	0.0000	2177	87	65-140
Chlorobenzene	2500	0.0000	2354	94	70-120
Chloroethane	2500	0.0000	2231	89	60-145
Chloroform	2500	0.0000	2232	89	65-135
Chloromethane	2500	73.73	2009	77	50-150
Dibromochloromethane	2500	0.0000	2550	102	70-140
1,2-Dibromo-3-chloropro	2500	0.0000	1976	79	55-145
1,2-Dibromoethane	2500	0.0000	2254	90	70-135
1,2-Dichlorobenzene	2500	0.0000	2381	95	75-125
1,3-Dichlorobenzene	2500	0.0000	2234	89	70-125
1,4-Dichlorobenzene	2500	0.0000	2543	102	70-125
Dichlorodifluoromethane	2500	0.0000	2012	80	35-155
1,1-Dichloroethane	2500	0.0000	2353	94	70-135
1,2-Dichloroethane	2500	0.0000	2364	94	65-140
1,1-Dichloroethene	2500	0.0000	2207	88	65-135
cis-1,2-Dichloroethene	2500	0.0000	2284	91	70-135
trans-1,2-Dichloroethen	2500	0.0000	2269	91	65-140
1,2-Dichloropropane	2500	0.0000	2376	95	70-135
cis-1,3-Dichloropropene	2500	0.0000	2397	96	75-135
trans-1,3-Dichloroprope	2500	0.0000	2249	90	65-125
Methylene chloride	2500	0.0000	2118	85	55-155
1,1,2,2-Tetrachloroetha	2500	0.0000	2156	86	65-130
Tetrachloroethene	2500	0.0000	2315	93	65-130
1,2,4-Trichlorobenzene	2500	0.0000	2703	108	55-135
1,1,1-Trichloroethane	2500	0.0000	2347	94	65-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

FORM 3
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix Spike - Client Sample No.: V1PMBLK0522 Level:(low/med) MED

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1,2-Trichloroethane	2500	0.0000	2274	91	70-130
Trichloroethene	2500	0.0000	2163	86	60-145
Trichlorofluoromethane	2500	0.0000	2254	90	60-145
Trichlorotrifluoroethan	2500	0.0000	2465	99	60-140
Vinyl chloride	2500	0.0000	2188	88	60-145

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 33 outside limits

COMMENTS: _____

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Lab File ID: V1BFB01 BFB Injection Date: 05/18/06

Instrument ID: VOA1 BFB Injection Time: 2044

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.7
75	30.0 - 60.0% of mass 95	55.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.9
173	Less than 2.0% of mass 174	0.1 (0.1)1
174	Greater than 50.0% of mass 95	67.1
175	5.0 - 9.0% of mass 174	4.8 (7.1)1
176	95.0 - 101.0% of mass 174	65.3 (97.3)1
177	5.0 - 9.0% of mass 176	4.7 (7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V1STD200PPB	V1STD200PPB	V1STD07	05/18/06	2157
02	V1STD100PPB	V1STD100PPB	V1STD06	05/18/06	2234
03	V1STD50PPB	V1STD50PPB	V1STD05	05/18/06	2310
04	V1STD20PPB	V1STD20PPB	V1STD04	05/19/06	0023
05	V1STD10PPB	V1STD10PPB	V1STD03	05/19/06	0100
06	V1STD5.0PPB	V1STD5.0PPB	V1STD02	05/19/06	0136
07	V1STD2.0PPB	V1STD2.0PPB	V1STD01	05/19/06	0213
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FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date(s): 05/18/06 05/19/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 2121 0213

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromodichloromethane	AVRG		0.64651036		7.8
Bromoform	LINR	0.00000000	0.95638205		0.999
Bromomethane	LINR	0.00000000	0.36182792		0.996
Carbon tetrachloride	2ORDR	0.00000000	1.99007774	-8.3e-002	0.999
Chlorobenzene	AVRG		2.14432091		7.5
Chloroethane	AVRG		0.43875332		5.9
Chloroform	AVRG		0.92217562		7.0
Chloromethane	AVRG		0.98883337		7.1
Dibromochloromethane	AVRG		0.76442869		11.4
1,2-Dibromo-3-chloropropane	AVRG		0.31095817		10.0
1,2-Dibromoethane	AVRG		0.88160715		7.8
1,2-Dichlorobenzene	AVRG		2.05178341		5.1
1,3-Dichlorobenzene	AVRG		2.26964408		4.2
1,4-Dichlorobenzene	AVRG		2.38109687		9.6
Dichlorodifluoromethane	AVRG		0.53653272		8.5
1,1-Dichloroethane	AVRG		1.04128436		5.4
1,2-Dichloroethane	AVRG		0.78327974		4.2
1,1-Dichloroethene	AVRG		0.43132945		8.6
cis-1,2-Dichloroethene	AVRG		0.50885561		3.8
trans-1,2-Dichloroethene	AVRG		0.47527180		5.0
1,2-Dichloropropane	AVRG		0.61250157		4.4
cis-1,3-Dichloropropene	AVRG		0.88685285		6.1
trans-1,3-Dichloropropene	AVRG		1.60549038		7.9
Methylene chloride	LINR	-0.2807858	0.54079826		1.000
1,1,2,2-Tetrachloroethane	AVRG		1.83021347		5.3
Tetrachloroethene	AVRG		0.81731442		6.2
1,2,4-Trichlorobenzene	AVRG		1.24902649		9.1
1,1,1-Trichloroethane	AVRG		0.70717630		4.1
1,1,2-Trichloroethane	AVRG		0.74780324		9.3
Trichloroethene	AVRG		0.53538188		10.6
Trichlorofluoromethane	AVRG		0.71077010		5.8
Trichlorotrifluoroethane	AVRG		0.42127705		5.1
Vinyl chloride	AVRG		0.71485632		6.8
Dibromofluoromethane	AVRG		0.27994761		1.3
1,2-Dichloroethane-d4	AVRG		6.89e-002		2.3
Toluene-d8	AVRG		1.76954492		8.2

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date(s): 05/18/06 05/19/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 2121 0213

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromofluorobenzene	AVRG		0.83346770		9.3

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Lab File ID: V1BFB01 BFB Injection Date: 05/21/06

Instrument ID: VOA1 BFB Injection Time: 1028

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	30.0
75	30.0 - 60.0% of mass 95	54.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	57.1
175	5.0 - 9.0% of mass 174	3.9 (6.8)1
176	95.0 - 101.0% of mass 174	56.8 (99.5)1
177	5.0 - 9.0% of mass 176	3.8 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V1STD50PPB	V1STD50PPB	V1CCV01	05/21/06	1104
02	V1PBLK0521LC	V1PBLK0521LCS	V1LCS01	05/21/06	1140
03	V1PBLK0521	V1PBLK0521	V1PBLK01	05/21/06	1253
04	46SB4302	0605175-20	0517520A	05/21/06	1443
05	46SB4303	0605175-21	0517521A	05/21/06	1520
06	46SB4401	0605175-22	0517522A	05/21/06	1556
07	46SB4402	0605175-23	0517523A	05/21/06	1633
08	46SB4403	0605175-24	0517524A	05/21/06	1709
09	46SB4201	0605175-25	0517525A	05/21/06	1746
10	46SB4202	0605175-26	0517526A	05/21/06	1822
11	46SB4203	0605175-27	0517527A	05/21/06	1859
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date: 05/21/06 Time: 1104

Lab File ID: V1CCV01 Init. Calib. Date(s): 05/18/06 05/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 2121 0213

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.646	0.606	50.00	46.90		AVRG	-6.2	
Bromoform	0.791	0.720	50.00	37.64	0.100	LINR	-24.7	
Bromomethane	0.301	0.275	50.00	38.03		LINR	-23.9	
Carbon tetrachloride	0.376	0.436	50.00	42.03		2ORDR	-15.9	
Chlorobenzene	2.144	2.007	50.00	46.81	0.300	AVRG	-6.4	
Chloroethane	0.439	0.399	50.00	45.44		AVRG	-9.1	
Chloroform	0.922	0.814	50.00	44.12		AVRG	-11.8	20.0
Chloromethane	0.989	0.814	50.00	41.18	0.100	AVRG	-17.6	
Dibromochloromethane	0.764	0.747	50.00	48.84		AVRG	-2.3	
1,2-Dibromo-3-chloropropane	0.311	0.246	50.00	39.57		AVRG	-20.8	
1,2-Dibromoethane	0.881	0.772	50.00	43.82		AVRG	-12.4	
1,2-Dichlorobenzene	2.052	1.887	50.00	45.98		AVRG	-8.0	
1,3-Dichlorobenzene	2.270	2.184	50.00	48.11		AVRG	-3.8	
1,4-Dichlorobenzene	2.381	2.276	50.00	47.79		AVRG	-4.4	
Dichlorodifluoromethane	0.536	0.501	50.00	46.71		AVRG	-6.6	
1,1-Dichloroethane	1.041	0.966	50.00	46.41	0.100	AVRG	-7.2	
1,2-Dichloroethane	0.783	0.717	50.00	45.76		AVRG	-8.5	
1,1-Dichloroethene	0.431	0.370	50.00	42.93		AVRG	-14.1	20.0
cis-1,2-Dichloroethene	0.509	0.468	50.00	46.04		AVRG	-7.9	
trans-1,2-Dichloroethene	0.475	0.438	50.00	46.14		AVRG	-7.7	
1,2-Dichloropropane	0.612	0.556	50.00	45.40		AVRG	-9.2	20.0
cis-1,3-Dichloropropene	0.887	0.830	50.00	46.77		AVRG	-6.4	
trans-1,3-Dichloropropene	1.606	1.477	50.00	46.00		AVRG	-8.0	
Methylene chloride	0.838	0.571	50.00	44.34		LINR	-11.3	
1,1,2,2-Tetrachloroethane	1.830	1.528	50.00	41.75	0.300	AVRG	-16.5	
Tetrachloroethene	0.817	0.793	50.00	48.49		AVRG	-3.0	
1,2,4-Trichlorobenzene	1.249	1.307	50.00	52.31		AVRG	4.6	
1,1,1-Trichloroethane	0.707	0.652	50.00	46.08		AVRG	-7.8	
1,1,2-Trichloroethane	0.748	0.671	50.00	44.86		AVRG	-10.3	
Trichloroethene	0.535	0.443	50.00	41.38		AVRG	-17.2	
Trichlorofluoromethane	0.711	0.657	50.00	46.19		AVRG	-7.6	
Trichlorotrifluoroethane	0.421	0.391	50.00	46.43		AVRG	-7.1	
Vinyl chloride	0.715	0.657	50.00	45.93		AVRG	-8.1	20.0
Dibromofluoromethane	0.280	0.298	30.00	31.92		AVRG	6.4	
1,2-Dichloroethane-d4	0.069	0.069	30.00	30.05		AVRG	0.2	
Toluene-d8	1.770	1.808	30.00	30.65		AVRG	2.2	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date: 05/21/06 Time: 1104

Lab File ID: V1CCV01 Init. Calib. Date(s): 05/18/06 05/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 2121 0213

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.833	0.859	30.00	30.94		AVRG	3.1	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Lab File ID: V1BFB01 BFB Injection Date: 05/22/06

Instrument ID: VOA1 BFB Injection Time: 1112

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	31.1
75	30.0 - 60.0% of mass 95	57.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	58.3
175	5.0 - 9.0% of mass 174	4.4 (7.6)1
176	95.0 - 101.0% of mass 174	56.3 (96.5)1
177	5.0 - 9.0% of mass 176	3.8 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	V1STD50PPB	V1STD50PPB	V1CCV01	05/22/06	1148
02	V1PMBLK0522L	V1PMBLK0522LCS	V1LCS01	05/22/06	1225
03	V1PMBLK0522	V1PMBLK0522	V1MBLK01	05/22/06	1413
04	46SB4301	0605175-19	0517519M	05/22/06	1602
05					
06					
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FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date: 05/22/06 Time: 1148

Lab File ID: V1CCV01 Init. Calib. Date(s): 05/18/06 05/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 2121 0213

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromodichloromethane	0.646	0.593	50.00	45.88		AVRG	-8.2	
Bromoform	0.791	0.664	50.00	34.71	0.100	LINR	-30.6	
Bromomethane	0.301	0.267	50.00	36.87		LINR	-26.3	
Carbon tetrachloride	0.376	0.414	50.00	40.03		2ORDR	-19.9	
Chlorobenzene	2.144	1.866	50.00	43.50	0.300	AVRG	-13.0	
Chloroethane	0.439	0.379	50.00	43.18		AVRG	-13.6	
Chloroform	0.922	0.788	50.00	42.72		AVRG	-14.6	20.0
Chloromethane	0.989	0.764	50.00	38.62	0.100	AVRG	-22.8	
Dibromochloromethane	0.764	0.686	50.00	44.89		AVRG	-10.2	
1,2-Dibromo-3-chloropropane	0.311	0.238	50.00	38.30		AVRG	-23.4	
1,2-Dibromoethane	0.881	0.723	50.00	41.01		AVRG	-18.0	
1,2-Dichlorobenzene	2.052	1.779	50.00	43.35		AVRG	-13.3	
1,3-Dichlorobenzene	2.270	1.957	50.00	43.12		AVRG	-13.8	
1,4-Dichlorobenzene	2.381	2.154	50.00	45.24		AVRG	-9.5	
Dichlorodifluoromethane	0.536	0.451	50.00	42.01		AVRG	-16.0	
1,1-Dichloroethane	1.041	0.929	50.00	44.62	0.100	AVRG	-10.8	
1,2-Dichloroethane	0.783	0.701	50.00	44.72		AVRG	-10.6	
1,1-Dichloroethene	0.431	0.351	50.00	40.65		AVRG	-18.7	20.0
cis-1,2-Dichloroethene	0.509	0.439	50.00	43.14		AVRG	-13.7	
trans-1,2-Dichloroethene	0.475	0.414	50.00	43.57		AVRG	-12.9	
1,2-Dichloropropane	0.612	0.542	50.00	44.27		AVRG	-11.5	20.0
cis-1,3-Dichloropropene	0.887	0.802	50.00	45.21		AVRG	-9.6	
trans-1,3-Dichloropropene	1.606	1.378	50.00	42.91		AVRG	-14.2	
Methylene chloride	0.838	0.512	50.00	38.94		LINR	-22.1	
1,1,2,2-Tetrachloroethane	1.830	1.489	50.00	40.69	0.300	AVRG	-18.6	
Tetrachloroethene	0.817	0.708	50.00	43.29		AVRG	-13.4	
1,2,4-Trichlorobenzene	1.249	1.239	50.00	49.62		AVRG	-0.8	
1,1,1-Trichloroethane	0.707	0.632	50.00	44.71		AVRG	-10.6	
1,1,2-Trichloroethane	0.748	0.621	50.00	41.52		AVRG	-17.0	
Trichloroethene	0.535	0.452	50.00	42.24		AVRG	-15.5	
Trichlorofluoromethane	0.711	0.620	50.00	43.58		AVRG	-12.8	
Trichlorotrifluoroethane	0.421	0.375	50.00	44.52		AVRG	-11.0	
Vinyl chloride	0.715	0.622	50.00	43.48		AVRG	-13.0	20.0
Dibromofluoromethane	0.280	0.279	30.00	29.92		AVRG	-0.3	
1,2-Dichloroethane-d4	0.069	0.069	30.00	30.13		AVRG	0.4	
Toluene-d8	1.770	1.760	30.00	29.84		AVRG	-0.5	

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date: 05/22/06 Time: 1148

Lab File ID: V1CCV01 Init. Calib. Date(s): 05/18/06 05/19/06

Heated Purge: (Y/N) Y Init. Calib. Times: 2121 0213

GC Column: DB-VRX ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bromofluorobenzene	0.833	0.806	30.00	29.02		AVRG	-3.3	

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT	NAS Pensacola	JOB NUMBER	00007
SUBJECT	VOA		
BASED ON	8260	DRAWING NUMBER	
BY	Ed Sedlmyer	CHECKED BY	APPROVED BY	DATE

4658 4301

Trichloroethene = 820 ug/kg

$$\frac{215312 \times \cancel{250}\ ng \times \cancel{10,000}\ ul}{827994 \times 0.5354 \times 100\ ul \times 4.5\ g \times 0.98\%} \quad \begin{matrix} 150\ ng \\ 5,000 \end{matrix} = 826\ ug/kg$$

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

46SB4301

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-19

Sample wt/vol: 4.5 (g/mL) G Lab File ID: 0517519M

Level: (low/med) MED Date Sampled: 05/11/06 11:35

% Moisture: not dec. 2 Date Analyzed: 05/22/06 16:02

GC Column: DB-VRX ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 5000(uL) Soil Aliquot Volume: 100(uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
75-27-4	Bromodichloromethane	17	280		U
75-25-2	Bromoform	56	280		U
74-83-9	Bromomethane	41	560		U
56-23-5	Carbon tetrachloride	50	280		U
108-90-7	Chlorobenzene	140	280		U
75-00-3	Chloroethane	62	560		U
67-66-3	Chloroform	31	280		U
74-87-3	Chloromethane	29	560	46	IV
124-48-1	Dibromochloromethane	19	280		U
96-12-8	1,2-Dibromo-3-chloropropane	68	560		U
106-93-4	1,2-Dibromoethane	24	280		U
95-50-1	1,2-Dichlorobenzene	21	280		U
541-73-1	1,3-Dichlorobenzene	47	280		U
106-46-7	1,4-Dichlorobenzene	31	280		U
75-71-8	Dichlorodifluoromethane	62	560		U
75-34-3	1,1-Dichloroethane	30	280		U
107-06-2	1,2-Dichloroethane	26	280		U
75-35-4	1,1-Dichloroethene	68	280		U
156-59-2	cis-1,2-Dichloroethene	68	280		U
156-60-5	trans-1,2-Dichloroethene	62	280		U
78-87-5	1,2-Dichloropropane	26	280		U
10061-01-5	cis-1,3-Dichloropropene	28	280		U
10061-02-6	trans-1,3-Dichloropropene	18	280		U
75-09-2	Methylene chloride	35	560		U
79-34-5	1,1,2,2-Tetrachloroethane	24	280		U
127-18-4	Tetrachloroethene	55	280		U
120-82-1	1,2,4-Trichlorobenzene	10	280		U
71-55-6	1,1,1-Trichloroethane	51	280		U
79-00-5	1,1,2-Trichloroethane	20	280		U
79-01-6	Trichloroethene	48	280	820	
75-69-4	Trichlorofluoromethane	54	560		U
76-13-1	Trichlorotrifluoroethane	31	280		U
75-01-4	Vinyl chloride	62	560		U

Data File: \\ELABNSH04\DD\chem\voa1.i\052206V1.b\0517519M.D
Report Date: 23-May-2006 08:41

Empirical Laboratories, LLC

Data file : \\ELABNSH04\DD\chem\voa1.i\052206V1.b\0517519M.D
Lab Smp Id: 0605175-19 Client Smp ID: 46SB4301
Inj Date : 22-MAY-2006 16:02 MS Autotune Date: 11-MAY-2006 08:43
Operator : ADM Inst ID: voa1.i
Smp Info : 0605175-19;;5;;;50x
Misc Info : tet.v05175;0;;;;gm-all.sub;#4879
Comment :
Method : \\ELABNSH04\DD\chem\voa1.i\052206V1.b\VSOIL1.m
Meth Date : 23-May-2006 08:36 amonteiro Quant Type: ISTD
Cal Date : 19-MAY-2006 02:13 Cal File: V1STD01.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: gm-all.sub
Target Version: 4.04
Processing Host: NSH-AMONTEIRO1

Concentration Formula: Amt * DF * 5*Uf*Vt/(Va*Ws*(Solids/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	unit correction factor
Ws	4.530	Weight of sample extracted (g)
Solids	97.600	Percent Solids
Vt	5000.000	Total Volume of Methanol (uL)
Va	100.000	Volume of Methanol Extract (uL)

MJ 23/6
5/23/06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/Kg)	FINAL (ug/Kg)
* 56 Fluorobenzene	96	15.114	15.116	(1.000)	827994	30.0000	
4 Chloromethane	50	6.625	6.640	(0.438)	22449	0.82256	46.51(a)
35 2-Butanone	43	12.408	12.393	(0.821)	56605	4.12541	233.3(a)
$ 44 Dibromofluoromethane	111	13.202	13.188	(0.874)	237431	30.7294	1738
$ 48 1,2-Dichloroethane-d4	102	13.908	13.909	(0.920)	56512	29.7168	1680
60 Trichloroethene	95	15.805	15.808	(1.046)	215312	14.5713	823.9
$ 73 Toluene-d8	98	17.864	17.854	(0.891)	747290	31.0659	1757
* 82 Chlorobenzene-d5	82	20.042	20.034	(1.000)	407817	30.0000	(Q)
$ 95 Bromofluorobenzene	95	21.811	21.790	(1.088)	338751	29.8984	1690
* 106 1,4-Dichlorobenzene-d4	152	23.774	23.769	(1.000)	296150	30.0000	(Q)

FORM 6
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.V05175

Instrument ID: VOA1 Calibration Date(s): 05/18/06 05/19/06

Column: DB-VRX ID: 0.25 (mm) Calibration Time(s): 2121 0213

COMPOUND	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2
Bromodichloromethane	AVRG		0.64651036		7.8
Bromoform	LINR	0.00000000	0.95638205		0.999
Bromomethane	LINR	0.00000000	0.36182792		0.996
Carbon tetrachloride	2ORDR	0.00000000	1.99007774	-8.3e-002	0.999
Chlorobenzene	AVRG		2.14432091		7.5
Chloroethane	AVRG		0.43875332		5.9
Chloroform	AVRG		0.92217562		7.0
Chloromethane	AVRG		0.98883337		7.1
Dibromochloromethane	AVRG		0.76442869		11.4
1,2-Dibromo-3-chloropropane	AVRG		0.31095817		10.0
1,2-Dibromoethane	AVRG		0.88160715		7.8
1,2-Dichlorobenzene	AVRG		2.05178341		5.1
1,3-Dichlorobenzene	AVRG		2.26964408		4.2
1,4-Dichlorobenzene	AVRG		2.38109687		9.6
Dichlorodifluoromethane	AVRG		0.53653272		8.5
1,1-Dichloroethane	AVRG		1.04128436		5.4
1,2-Dichloroethane	AVRG		0.78327974		4.2
1,1-Dichloroethene	AVRG		0.43132945		8.6
cis-1,2-Dichloroethene	AVRG		0.50885561		3.8
trans-1,2-Dichloroethene	AVRG		0.47527180		5.0
1,2-Dichloropropane	AVRG		0.61250157		4.4
cis-1,3-Dichloropropene	AVRG		0.88685285		6.1
trans-1,3-Dichloropropene	AVRG		1.60549038		7.9
Methylene chloride	LINR	-0.2807858	0.54079826		1.000
1,1,2,2-Tetrachloroethane	AVRG		1.83021347		5.3
Tetrachloroethene	AVRG		0.81731442		6.2
1,2,4-Trichlorobenzene	AVRG		1.24902649		9.1
1,1,1-Trichloroethane	AVRG		0.70717630		4.1
1,1,2-Trichloroethane	AVRG		0.74780324		9.3
Trichloroethene	AVRG		0.53538188		10.6
Trichlorofluoromethane	AVRG		0.71077010		5.8
Trichlorotrifluoroethane	AVRG		0.42127705		5.1
Vinyl chloride	AVRG		0.71485632		6.8
Dibromofluoromethane	AVRG		0.27994761		1.3
1,2-Dichloroethane-d4	AVRG		6.89e-002		2.3
Toluene-d8	AVRG		1.76954492		8.2

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK0523BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: SBLK0523 Lab Sample ID: SBLK0523BS1

Instrument ID: BNA3 Date Extracted: 05/23/06

Matrix: (soil/water) SOIL Date Analyzed: 05/24/06

Level:(low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1120

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK0523BS1L	SBLK0523BS1LCS	SLCS0523	05/24/06
02	44SB4101	0605175-14	0517514	05/24/06
03	44SB4102	0605175-15	0517515	05/24/06
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COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK0523BS1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) SOIL Lab Sample ID: SBLK0523BS1

Sample wt/vol: 15.0 (g/mL) G Lab File ID: SBLK0523

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SOXH Date Extracted:05/23/06

Concentrated Extract Volume: 500.0(uL) Date Analyzed: 05/24/06 11:20

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG MDL	RL	CONC	Q
83-32-9	Acenaphthene	1.1	3.3		U
208-96-8	Acenaphthylene	0.97	3.3		U
120-12-7	Anthracene	1.1	3.3		U
56-55-3	Benzo(a)anthracene	0.83	3.3		U
205-99-2	Benzo(b)fluoranthene	0.63	3.3		U
207-08-9	Benzo(k)fluoranthene	0.77	3.3		U
191-24-2	Benzo(g,h,i)perylene	0.40	3.3		U
50-32-8	Benzo(a)pyrene	0.83	3.3		U
218-01-9	Chrysene	0.47	3.3		U
53-70-3	Dibenz(a,h)anthracene	0.33	3.3		U
206-44-0	Fluoranthene	0.70	3.3		U
86-73-7	Fluorene	0.93	3.3		U
193-39-5	Indeno(1,2,3-cd)pyrene	0.80	3.3		U
91-57-6	2-Methylnaphthalene	1.3	3.3		U
90-12-0	1-Methylnaphthalene	1.2	3.3		U
91-20-3	Naphthalene	1.3	3.3	1.5	I
85-01-8	Phenanthrene	0.87	3.3		U
129-00-0	Pyrene	0.67	3.3		U

FORM 2
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Level: (low/med) LOW

	CLIENT SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	SBLK0523BS1	82	58	93						0
02	SBLK0523BS1L	76	50	87						0
03	44SB4101	87	58	111						0
04	44SB4102	87	60	106						0
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	EL QC LIMITS	SPIKE CONC (UG/KG)
S1 (NBZ) = Nitrobenzene-d5	(30-110)	67
S2 (FBP) = 2-Fluorobiphenyl	(35-110)	67
S3 (TPH) = Terphenyl-d14	(40-120)	67

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate results reported from a diluted analysis

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix Spike - Client Sample No.: SBLK0523BS1 Level:(low/med) LOW

COMPOUND	SPIKE ADDED (UG/KG)	SAMPLE CONCENTRATION (UG/KG)	LCS CONCENTRATION (UG/KG)	LCS % REC #	QC. LIMITS REC.
Acenaphthene	66.67	0.0000	29.41	44	35-110
Acenaphthylene	66.67	0.0000	29.78	45	40-110
Anthracene	66.67	0.0000	38.84	58	45-120
Benzo(a)anthracene	66.67	0.0000	52.51	79	45-120
Benzo(b)fluoranthene	66.67	0.0000	44.42	67	40-120
Benzo(k)fluoranthene	66.67	0.0000	46.88	70	35-125
Benzo(g,h,i)perylene	66.67	0.0000	51.08	77	30-140
Benzo(a)pyrene	66.67	0.0000	46.58	70	40-130
Chrysene	66.67	0.0000	51.30	77	45-120
Dibenz(a,h)anthracene	66.67	0.0000	46.74	70	30-140
Fluoranthene	66.67	0.0000	43.32	65	45-125
Fluorene	66.67	0.0000	33.52	50	40-115
Indeno(1,2,3-cd)pyrene	66.67	0.0000	40.83	61	30-135
2-Methylnaphthalene	66.67	0.0000	30.98	46	35-110
1-Methylnaphthalene	66.67	0.0000	30.06	45	35-110
Naphthalene	66.67	1.518	28.66	41	30-110
Phenanthrene	66.67	0.0000	32.98	49	45-115
Pyrene	66.67	0.0000	40.80	61	35-130

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: DF0419B1 DFTPP Injection Date: 04/19/06

Instrument ID: BNA3 DFTPP Injection Time: 1556

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.2 (0.5)1
69	Mass 69 relative abundance	47.6
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	56.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	23.3
365	Greater than 1.0% of mass 198	3.08
441	Present, but less than mass 443	9.8
442	Greater than 40.0% of mass 198	65.2
443	17.0 - 23.0% of mass 442	12.8 (19.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PAH0.10PPM	PAH0.10PPM	PAH001	04/19/06	1618
02	PAH20.00PPM	PAH20.00PPM	PAH013	04/19/06	1659
03	PAH0.20PPM	PAH0.20PPM	PAH002	04/19/06	1740
04	PAH0.40PPM	PAH0.40PPM	PAH003	04/19/06	1820
05	PAH0.60PPM	PAH0.60PPM	PAH004	04/19/06	1901
06	PAH1.00PPM	PAH1.00PPM	PAH006	04/19/06	1942
07	PAH2.50PPM	PAH2.50PPM	PAH008	04/19/06	2022
08	PAH5.00PPM	PAH5.00PPM	PAH009	04/19/06	2102
09	PAH10.00PPM	PAH10.00PPM	PAH011	04/19/06	2142
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FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Instrument ID: BNA3 Calibration Date(s): 03/11/06 04/19/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1210 2142

COMPOUND	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2
Acenaphthene	AVRG		1.09166826	4.0
Acenaphthylene	AVRG		1.70797751	5.6
Anthracene	AVRG		1.01921600	7.6
Benzo(a)anthracene	AVRG		1.01976410	9.7
Benzo(b)fluoranthene	AVRG		1.26354887	9.1
Benzo(k)fluoranthene	AVRG		1.29226432	10.5
Benzo(g,h,i)perylene	AVRG		0.74900675	13.2
Benzo(a)pyrene	AVRG		0.99522496	14.1
Chrysene	AVRG		1.05771638	5.3
Dibenz(a,h)anthracene	LINR	0.00000000	0.83401781	0.997
Fluoranthene	AVRG		1.04261731	8.4
Fluorene	AVRG		1.19159429	4.1
Indeno(1,2,3-cd)pyrene	LINR	0.00000000	0.85078537	0.997
2-Methylnaphthalene	AVRG		0.53637849	3.5
1-Methylnaphthalene	AVRG		0.56710370	3.1
Naphthalene	AVRG		1.00434235	4.2
Phenanthrene	AVRG		1.11078102	3.6
Pyrene	AVRG		1.60132860	3.6
Nitrobenzene-d5	LINR	0.38805059	0.25301737	0.998
2-Fluorobiphenyl	AVRG		1.24304793	2.1
Terphenyl-d14	AVRG		0.90417612	3.5

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: DF0524B1 DFTPP Injection Date: 05/24/06

Instrument ID: BNA3 DFTPP Injection Time: 1019

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.1 (0.1)1
69	Mass 69 relative abundance	41.9
70	Less than 2.0% of mass 69	0.4 (0.9)1
127	40.0 - 60.0% of mass 198	48.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	24.8
365	Greater than 1.0% of mass 198	3.34
441	Present, but less than mass 443	9.3
442	Greater than 40.0% of mass 198	63.0
443	17.0 - 23.0% of mass 442	12.5 (19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PAHCCV5.0PPM	PAHCCV5.0PPM	PAHCCV	05/24/06	1040
02	SBLK0523BS1	SBLK0523BS1	SBLK0523	05/24/06	1120
03	SBLK0523BS1L	SBLK0523BS1LCS	SLCS0523	05/24/06	1200
04	44SB4101	0605175-14	0517514	05/24/06	1240
05	44SB4102	0605175-15	0517515	05/24/06	1321
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FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Instrument ID: BNA3 Calibration Date: 05/24/06 Time: 1040

Lab File ID: PAHCCV Init. Calib. Date(s): 03/11/06 04/19/06

Init. Calib. Times: 1210 2142

COMPOUND	$\overline{RRF}$	RRF5	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Acenaphthene	1.092	0.955	5.000	4.376		AVRG	-12.5	20.0
Acenaphthylene	1.708	1.542	5.000	4.515		AVRG	-9.7	20.0
Anthracene	1.019	1.070	5.000	5.248		AVRG	5.0	20.0
Benzo(a)anthracene	1.020	1.170	5.000	5.737		AVRG	14.7	20.0
Benzo(b)fluoranthene	1.264	1.186	5.000	4.692		AVRG	-6.1	20.0
Benzo(k)fluoranthene	1.292	1.417	5.000	5.482		AVRG	9.6	20.0
Benzo(g,h,i)perylene	0.749	0.749	5.000	5.002		AVRG	0.0	20.0
Benzo(a)pyrene	0.995	1.038	5.000	5.216		AVRG	4.3	20.0
Chrysene	1.058	1.115	5.000	5.269		AVRG	5.4	20.0
Dibenz(a,h)anthracene	0.636	0.760	5.000	4.557		LINR	-8.9	20.0
Fluoranthene	1.042	1.038	5.000	4.977		AVRG	-0.5	20.0
Fluorene	1.191	1.137	5.000	4.771		AVRG	-4.6	20.0
Indeno(1,2,3-cd)pyrene	0.661	0.730	5.000	4.287		LINR	-14.2	20.0
2-Methylnaphthalene	0.536	0.474	5.000	4.414		AVRG	-11.7	20.0
1-Methylnaphthalene	0.567	0.468	5.000	4.128		AVRG	-17.4	20.0
Naphthalene	1.004	0.851	5.000	4.236		AVRG	-15.3	20.0
Phenanthrene	1.111	1.013	5.000	4.561		AVRG	-8.8	20.0
Pyrene	1.601	1.866	5.000	5.827		AVRG	16.5	20.0
Nitrobenzene-d5	0.171	0.263	5.000	5.581		LINR	11.6	
2-Fluorobiphenyl	1.243	1.091	5.000	4.390		AVRG	-12.2	
Terphenyl-d14	0.904	1.198	5.000	6.626		AVRG	32.5	

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

SBLK0516B1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: SBLK0516 Lab Sample ID: SBLK0516B1

Instrument ID: BNA1 Date Extracted: 05/16/06

Matrix: (soil/water) WATER Date Analyzed: 05/18/06

Level:(low/med) LOW GPC Cleanup: (Y/N) N Time Analyzed: 1405

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SBLK0516B1LC	SBLK0516B1LCS	SLCS0516	05/18/06
02	44GW1902	0605175-10	0517510	05/18/06
03	46GW1402	0605175-11	0517511	05/18/06
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COMMENTS:

FORM 1
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

SBLK0516B1

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix: (soil/water) WATER Lab Sample ID: SBLK0516B1

Sample wt/vol: 1000 (g/mL) ML Lab File ID: SBLK0516

% Moisture: _____ decanted: (Y/N)___ Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SEPF Date Extracted:05/16/06

Concentrated Extract Volume: 1000.0(uL) Date Analyzed: 05/18/06 14:05

Injection Volume: 0.5(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	MDL	RL	CONC	Q
117-81-7	Bis(2-ethylhexyl)phthalate	1.0	5.0		U

FORM 2
WATER SEMIVOLATILE SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

	CLIENT SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	SBLK0516B1	71	68	91						0
02	SBLK0516B1LC	64	73	98						0
03	44GW1902	71	71	82						0
04	46GW1402	66	65	70						0
05										
06										
07										
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	EL QC LIMITS	SPIKE CONC (UG/L)
S1 (NBZ) = Nitrobenzene-d5	(30-110)	100
S2 (FBP) = 2-Fluorobiphenyl	(35-110)	100
S3 (TPH) = Terphenyl-d14	(55-125)	100

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate results reported from a diluted analysis

FORM 3
WATER SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Matrix Spike - Client Sample No.: SBLK0516B1

COMPOUND	SPIKE ADDED (UG/L)	SAMPLE CONCENTRATION (UG/L)	LCS CONCENTRATION (UG/L)	LCS % REC #	QC. LIMITS REC.
Bis(2-ethylhexyl)phthal	50.00	0.0000	60.56	121	50-125

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 1 outside limits

COMMENTS: _____

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: DF0419B1 DFTPP Injection Date: 04/19/06

Instrument ID: BNA1 DFTPP Injection Time: 1530

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	74.0
70	Less than 2.0% of mass 69	0.2 (0.2)1
127	40.0 - 60.0% of mass 198	43.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	20.2
365	Greater than 1.0% of mass 198	1.79
441	Present, but less than mass 443	10.3
442	Greater than 40.0% of mass 198	65.3
443	17.0 - 23.0% of mass 442	11.3 (17.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CAL001PPM	CAL001PPM	CAL001	04/19/06	1552
02	CAL002PPM	CAL002PPM	CAL002	04/19/06	1628
03	CAL005PPM	CAL005PPM	CAL005	04/19/06	1704
04	CAL010PPM	CAL010PPM	CAL010	04/19/06	1741
05	CAL020PPM	CAL020PPM	CAL020	04/19/06	1817
06	CAL030PPM	CAL030PPM	CAL030	04/19/06	1853
07	CAL040PPM	CAL040PPM	CAL040	04/19/06	1929
08	CAL050PPM	CAL050PPM	CAL050	04/19/06	2005
09	CAL060PPM	CAL060PPM	CAL060	04/19/06	2041
10	CAL070PPM	CAL070PPM	CAL070	04/19/06	2117
11	CAL080PPM	CAL080PPM	CAL080	04/19/06	2153
12	CAL090PPM	CAL090PPM	CAL090	04/19/06	2228
13	CAL100PPM	CAL100PPM	CAL100	04/19/06	2304
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FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Instrument ID: BNA1 Calibration Date(s): 02/01/06 04/19/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1544 2304

COMPOUND	CURVE	COEFFICENT A1	%RSD OR R^2
Bis(2-ethylhexyl)phthalate	AVRG	1.29669235	10.7
Nitrobenzene-d5	AVRG	0.43665056	6.7
2-Fluorobiphenyl	AVRG	1.27292566	7.5
Terphenyl-d14	AVRG	1.01005240	4.2

FORM 6
SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Instrument ID: BNA1 Calibration Date(s): 02/01/06 04/19/06

Column: FUSED SILICA ID: 0.25 (mm) Calibration Time(s): 1544 2304

COMPOUND	AVERAGE RF	MIN. RF	%RSD	MAX. %RSD
Bis(2-ethylhexyl)phthalate	1.29669		10.7	15.0
Nitrobenzene-d5	0.43665		6.7	15.0
2-Fluorobiphenyl	1.27292		7.5	15.0
Terphenyl-d14	1.01005		4.2	15.0

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Lab File ID: DF0518B1 DFTPP Injection Date: 05/18/06

Instrument ID: BNA1 DFTPP Injection Time: 1120

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	87.1
70	Less than 2.0% of mass 69	0.4 (0.4)1
127	40.0 - 60.0% of mass 198	48.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	16.1
365	Greater than 1.0% of mass 198	2.16
441	Present, but less than mass 443	7.7
442	Greater than 40.0% of mass 198	46.8
443	17.0 - 23.0% of mass 442	9.7 (20.7)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CCV050PPM	CCV050PPM	CCV050	05/18/06	1141
02	SBLK0516B1	SBLK0516B1	SBLK0516	05/18/06	1405
03	SBLK0516B1LC	SBLK0516B1LCS	SLCS0516	05/18/06	1441
04	44GW1902	0605175-10	0517510	05/18/06	1517
05	46GW1402	0605175-11	0517511	05/18/06	1552
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FORM 7
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.B05175

Instrument ID: BNA1 Calibration Date: 05/18/06 Time: 1141

Lab File ID: CCV050 Init. Calib. Date(s): 02/01/06 04/19/06

Init. Calib. Times: 1544 2304

COMPOUND	$\overline{RRF}$	RRF50	CURVE AMOUNT	CCAL AMOUNT	MIN RRF	CURVE	%D	MAX %D
Bis(2-ethylhexyl)phthalate	1.297	1.362	50.00	52.50		AVRG	5.0	20.0
Nitrobenzene-d5	0.437	0.428	50.00	49.08		AVRG	-1.8	
2-Fluorobiphenyl	1.273	1.237	50.00	48.57		AVRG	-2.8	
Terphenyl-d14	1.010	0.992	50.00	49.10		AVRG	-1.8	

FORM 4
PRO METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

FS1BLK0518

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Lab Sample ID: FS1BLK0518 Lab File ID: 010R0201

Matrix (soil/water) SOIL Extraction: (SepF/Cont/Sonc/Soxh) SONC

Sulfur Cleanup (Y/N) N Date Extracted:05/18/06

Date Analyzed (1): 05/20/06 Date Analyzed (2):

Time Analyzed (1): 1238 Time Analyzed (2):

Instrument ID (1): GCTCDFID Instrument ID (2):

Column (1): RTX-5 ID: 0.32(mm) Column (2): ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	FS1BLK0518LC	FS1BLK0518LCS	05/20/06	
02	45SB2801	0605175-16	05/20/06	
03	45SB2901	0605175-17	05/20/06	
04	45SB3001	0605175-18	05/21/06	
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

FORM 1
PRO ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FS1BLK0518

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix: (soil/water) SOIL Lab Sample ID: FS1BLK0518

Sample wt/vol: 25.0 (g/mL) G Lab File ID: 010R0201

% Moisture: 0 decanted: (Y/N) N Date Sampled: _____

Extraction: (SepF/Cont/Sonc/Soxh) SONC Date Extracted:05/18/06

Concentrated Extract Volume: 2.0(mL) Date Analyzed: 05/20/06 12:38

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
	PRO-8-40------Petroleum Range	2.4	6.8	5.8	I

FORM 2
SOIL PRO SURROGATE RECOVERY

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Column(1): RTX-5 ID: 0.32 (mm)

	CLIENT SAMPLE NO.	S1 %REC #	S2 %REC #	S3 %REC #	S4 %REC #	S5 %REC #	S6 %REC #	TOT OUT
01	FS1BLK0518	87	16*					1
02	FS1BLK0518LC	74	71					0
03	45SB2801	82	69					0
04	45SB2901	51	39*					1
05	45SB3001	59	38*					1
06								
07								
08								
09								
10								
11								
12								
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27								
28								
29								
30								

		QC LIMITS	CONC (mg/Kg)
S1	= Ortho-Terphenyl	(45-135)	2.0
S2	= Nonatriacontane	(40-150)	12

Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate results reported from a diluted analysis

FORM 3
SOIL PRO LAB CONTROL SAMPLE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix Spike - Client Sample No.: FS1BLK0518

COMPOUND	SPIKE ADDED (mg/Kg)	SAMPLE CONCENTRATION (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC #	QC. LIMITS REC.
Petroleum Range	128.0	5.851	111.1	82	50-140

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 0 out of 1 outside limits

COMMENTS: _____

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gctcdfid.i Injection Date: 20-MAY-2006 12:04
Lab File ID: 009R0201.D Init. Cal. Date(s): 05-MAY-2006 20-MAY-2006
Analysis Type: SOIL Init. Cal. Times: 11:36 10:58
Lab Sample ID: FLPRO 4250ppm Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\FLPROR.m

COMPOUND	RRF	RF4250	MIN RRF	%D	MAX %D
S 1 Petroleum Range	1137	1081	0.010	-4.9	25.0
$ 2 Ortho-Terphenyl	1823	1802	0.010	-1.1	25.0
$ 23 Nonatriacontane	377	303	0.010	-19.6	25.0

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gctcdfid.i Injection Date: 20-MAY-2006 18:13
Lab File ID: 020R0201.D Init. Cal. Date(s): 05-MAY-2006 20-MAY-2006
Analysis Type: SOIL Init. Cal. Times: 11:36 10:58
Lab Sample ID: FLPRO 4250ppm Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\FLPROR.m

	COMPOUND	RRF	RF4250	MIN RRF	%D	MAX %D	
S	1 Petroleum Range	1137	965	0.010	-15.1	25.0	
$	2 Ortho-Terphenyl	1823	1610	0.010	-11.7	25.0	
$	23 Nonatriacontane	377	198	0.010	-47.6	25.0	<- Low

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: gctcdfid.i Injection Date: 21-MAY-2006 00:23
Lab File ID: 031R0201.D Init. Cal. Date(s): 05-MAY-2006 20-MAY-2006
Analysis Type: SOIL Init. Cal. Times: 11:36 10:58
Lab Sample ID: FLPRO 4250ppm Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\FLPROR.m

			MIN		MAX
COMPOUND	RRF	RF4250	RRF	%D	%D
S 1 Petroleum Range	1137	1095	0.010	-3.7	25.0
$ 2 Ortho-Terphenyl	1823	1466	0.010	-19.6	25.0
$ 23 Nonatriacontane	377	338	0.010	-10.5	25.0

Data File: 041R0201.D
Report Date: 22-May-2006 12:41

5/22/06

Empirical Laboratories, LLC

CONTINUING CALIBRATION COMPOUNDS

Anlb 052306

Instrument ID: gctcdfid.i Injection Date: 21-MAY-2006 06:00
Lab File ID: 041R0201.D Init. Cal. Date(s): 05-MAY-2006 20-MAY-2006
Analysis Type: SOIL Init. Cal. Times: 11:36 10:58
Lab Sample ID: FLPRO 4250ppm Quant Type: ESTD
Method: \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\FLPROR.m

			MIN		MAX	
COMPOUND	RRF	RF4250	RRF	%D	%D	
S 1 Petroleum Range	1137	979 ✓	0.010	-13.9	25.0	
$ 2 Ortho-Terphenyl	1823	1499 ✓	0.010	-17.7	25.0	
$ 23 Nonatriacontane	377	245	0.010	-34.9	25.0	<- Low

FORM 8
PRO ANALYTICAL SEQUENCE

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Column: RTX-5 ID: 0.32 (mm) Cont. Calib. Date(s): 05/20/06-05/21/06

Instrument ID: GCTCDFID

THE ANALYTICAL SEQUENCE OF PERFORMANCE BLANKS, AND SAMPLES GIVEN BELOW:

	SURROGATE RT FROM CONTINUING CALIBRATION S1 : 9.51 S2 : 17.51					
	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 8500PP	05/20/06	0811	9.51	17.51
02		FLPRO 5950PP	05/20/06	0844	9.51	17.51
03		FLPRO 4250PP	05/20/06	0917	9.51	17.50
04		FLPRO 2550PP	05/20/06	0951	9.51	17.51
05		FLPRO 850PPM	05/20/06	1024	9.51	17.51
06		FLPRO 85PPM	05/20/06	1058	9.51	17.51
07		FLPRO ICV 40	05/20/06	1131		
08		FLPRO 4250PP	05/20/06	1204	9.51	17.51
09	FS1BLK0518	FS1BLK0518	05/20/06	1238	9.50	17.49
10	FS1BLK0518LC	FS1BLK0518LC	05/20/06	1311	9.50	17.50
11		FLPRO 4250PP	05/20/06	1813	9.51	17.50
12	45SB2801	0605175-16	05/20/06	2316	9.51	17.51
13	45SB2901	0605175-17	05/20/06	2350	9.51	17.52
14		FLPRO 4250PP	05/21/06	0023	9.51	17.53
15	45SB3001	0605175-18	05/21/06	0057	9.51	17.52
16		FLPRO 4250PP	05/21/06	0600	9.51	17.52
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						

QC LIMITS

S1 = Ortho-Terphenyl (+/- 0.05 MINUTES)
S2 = Nonatriacontane (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PRO

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT		JOB NUMBER	
NAS Pensacola		00007	
SUBJECT	TPH		
BASED ON	FL-PRO	DRAWING NUMBER	
BY	CHECKED BY	APPROVED BY	DATE
Ed Seed/mxer			

455B2901
TPH = 55 mg/kg

$$\frac{736918 \times 2.0\,ml}{1137.321 \times 25.1\,g \times 0.94\%} = 54.9\ mg/kg$$

FORM 1
PRO ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

45SB2901

Lab Name: EMPIRICAL LABS Contract: TETRATECH

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: TET.F05175

Matrix: (soil/water) SOIL Lab Sample ID: 0605175-17

Sample wt/vol: 25.1 (g/mL) G Lab File ID: 030R0201

% Moisture: 6 decanted: (Y/N) N Date Sampled: 05/11/06 08:35

Extraction: (SepF/Cont/Sonc/Soxh) SONC Date Extracted:05/18/06

Concentrated Extract Volume: 2.0(mL) Date Analyzed: 05/20/06 23:50

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS: (ug/L or ug/Kg) MG/KG

CAS NO.	COMPOUND	MDL	RL	CONC	Q
	PRO-8-40------Petroleum Range	2.6	7.2	55	

Data File: 030R0201.D
Report Date: 23-May-2006 07:12

Empirical Laboratories, LLC

Data file : \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\030R0201.D
Lab Smp Id: 0605175-17 Client Smp ID: 45SB2901
Inj Date : 20-MAY-2006 23:50
Operator : tjm Inst ID: gctcdfid.i
Smp Info : 0605175-17
Misc Info : tet.f05175;25.1;2;051806FS1;mg/Kg;;
Comment :
Method : \\ELABNSH04\DD\chem\gctcdfid.i\052006.b\052006.b\FLPROR.m
Meth Date : 23-May-2006 07:12 abarnett Quant Type: ESTD
Cal Date : 20-MAY-2006 10:58 Cal File: 007R0201.D
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.04
Processing Host: NSH-ABARNETT1

Concentration Formula: Amt * DF * Uf*Vt*1/(Amt*Vi*(Solids/100))

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Unit Correction Factor
Vt	2.000	Final Volume
Amt	25.100	Sample Amount
Vi	1.000	Injection Volume
Solids	93.600	Percent Solids

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/Kg)
S 1 Petroleum Range	1.787-18.103			736918	647.942	55.16(M)
$ 2 Ortho-Terphenyl	9.506	9.507	-0.001	23323	12.7945	1.089(M)
$ 23 Nonatriacontane	17.516	17.507	0.009	22338	59.2543	5.044(RM)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Empirical Laboratories

FORM 6
PRO ORGANICS INITIAL CALIBRATION DATA

Lab Name: EMPIRICAL LABS Contract:

Lab Code: ELABN Case No.: NA SAS No.: NA SDG No.: SDGA10119

Instrument ID: GCTCDFID Calibration Date(s): 05/05/06 05/20/06

Column: RTX-5 ID: 0.32 (mm) Calibration Time(s): 1136 1058

RF85: 007R0201

COMPOUND	RF85	CURVE	COEFFICENT A1	%RSD OR R^2
Petroleum Range	1389.824	AVRG	1137.32101	13.0
Ortho-Terphenyl	1983.760	AVRG	1822.88667	7.4
Nonatriacontane	~~402.107~~	AVRG	376.985333	11.8

not used

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **MR. G. WALKER** **DATE:** **FEBRUARY 9, 2006**

FROM: **EDWARD SEDLMYER** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOA/SVOA/PAH/PEST/PCB/EDB/TPH/SPLP VOC**
CTO 367, NAS PENSACOLA
SDG CTO367-2

SAMPLES: 2/Aqueous

PEN46RB1202 PEN46TB1202

13/Solid

PEN45SB2501	PEN45SB2502	PEN45SB2503	PEN46SB2901
PEN46SB2902	PEN46SB2903	PEN46SB3001	PEN46SB3001D
PEN46SB3002	PEN46SB3003	PEN46SB3101	PEN46SB3102
PEN46SB3103			

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG CTO367-2 consists of one (1) rinse blank, one (1) trip blank, and thirteen (13) soil environmental samples. One (1) field duplicate was included with this SDG: PEN46SB3001 / PEN46SB3001D. The samples were analyzed for volatile organic compounds (VOC), 1,2-Dibromoethane, semivolatile organic compounds (SVOC), polynuclear aromatic hydrocarbons (PAH), pesticides (PEST), polychlorinated biphenyls (PCB), and total petroleum hydrocarbons (TPH). The soil samples were also extracted using synthetic precipitation leachate procedure (SPLP) for VOCs. The trip blank was analyzed for VOCs only.

The samples were collected by TetraTech NUS on December 2, 2005 and analyzed by Katahdin Analytical Services, Inc. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8260B, 8270C, 8270C SIM, 8081, 8082, FLORIDA / PRO, and EPA Method 504.1 analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
* • GC/MS Tuning
• Initial and continuing calibration
• Blank results
• Surrogate spike recoveries
• Internal standard recoveries
• Blank Spike/Blank Spike Duplicate Results
• Matrix Spike/Matrix Spike Duplicate Results
• Field Duplicate Results
* • Detection Limits
* • Compound Quantitation
* • Compound Identification

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Volatiles

The initial and continuing calibration analyzed on instrument GCMS-F had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone and 2-butanone. The non-detected acetone and 2-butanone results for sample PEN46TB1202 have been rejected (UR).

Continuing calibration analyzed on instrument GCMS-F on 12/09/05 @ 11:43 had percent differences (%Ds) that exceeded the 25% quality control limit for 1,1,1-trichloroethane, carbon tetrachloride, 1,2-dichloroethane, and bromodichloromethane. The non-detected results for the aforementioned compounds in sample PEN46TB1202 were qualified as estimated, (UJ).

The initial and continuing calibration analyzed on instrument GCMS-M had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone and 2-butanone. The positive and non-detected acetone and 2-butanone results for sample PEN46RB1202 have been qualified as estimated (J) and rejected (UR), respectively.

The initial calibration analyzed on instrument GCMS-S on 12/15/05 had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone and 2-butanone. The positive and non-detected acetone and 2-butanone results for the affected samples have been qualified as estimated (J) and rejected (UR), respectively.

All continuing calibrations analyzed on instrument GCMS-S had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone. The positive and non-detected acetone results for the affected samples have been qualified as estimated (J) and rejected (UR), respectively.

Continuing calibration analyzed on instrument GCMS-S on 12/19/05 @ 08:45 had percent differences (%Ds) that exceeded the 25% quality control limit for 2-butanone, 4-methyl-2-pentanone, and 2-hexanone. The non-detected results for the aforementioned compounds in the affected samples were qualified as estimated, (UJ).

Continuing calibration analyzed on instrument GCMS-S on 12/20/05 @ 09:27 had percent differences (%Ds) that exceeded the 25% quality control limit for chloroethane, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone. The non-detected results for the aforementioned compounds in sample PEN45SB2503 were qualified as estimated, (UJ).

The soil initial calibration analyzed on instrument GCMS-Z on 12/06/05 had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone and 2-butanone. The positive and non-detected acetone and 2-butanone results for the affected samples have been qualified as estimated (J) and rejected (UR), respectively.

All soil continuing calibrations analyzed on instrument GCMS-Z had relative response factors (RRFs) less than the 0.05 quality control criteria for acetone and 2-butanone. The positive and non-detected acetone and 2-butanone results for the affected samples have been qualified as estimated (J) and rejected (UR), respectively.

Soil continuing calibration analyzed on instrument GCMS-Z on 12/09/05 @ 08:28 had percent differences (%Ds) that exceeded the 25% quality control limit for carbon tetrachloride and 1,2-dichloroethane. The non-detected results for the aforementioned compounds in sample PEN46SB2903 were qualified as estimated, (UJ). No action was taken on samples PEN46SB2901 and PEN46SB2902 because the non-detected results were rejected due to low surrogate recoveries.

Soil continuing calibration analyzed on instrument GCMS-Z on 12/12/05 @ 11:28 had percent differences (%Ds) that exceeded the 25% quality control limit for chloromethane and bromomethane. The non-detected results for the aforementioned compounds in samples PEN46SB3001 and PEN46SB3003 were qualified as estimated, (UJ). No action was taken on sample PEN46SB3101 because the non-detected results were rejected due to low surrogate recoveries.

Soil continuing calibration analyzed on instrument GCMS-Z on 12/13/05 @ 10:39 had percent differences (%Ds)

that exceeded the 25% quality control limit for chloromethane and carbon tetrachloride. The non-detected results for the aforementioned compounds in the affected samples were qualified as estimated, (UJ).

Soil continuing calibration analyzed on instrument GCMS-Z on 12/14/05 @ 11:11 had percent differences (%Ds) that exceeded the 25% quality control limit for chloromethane, carbon tetrachloride, and 1,2-dichloroethane. The non-detected results for the aforementioned compounds in the affected samples were qualified as estimated, (UJ).

The following compounds were detected in the method or TCLP blanks:

Compound	Maximum Concentration	Blank Action Level
Methylene chloride[1]	5 ug/kg	50 ug/kg
Acetone[2]	9 ug/L	90 ug/L
Methylene chloride[2]	6 ug/L	60 ug/L
Chloroform[2]	0.8 ug/L	4 ug/L
Total xylenes[2]	2 ug/L	10 ug/L

1 – Maximum concentration from soil method blanks.
2 – Maximum concentration from SPLP blanks.

An action level of 10X the maximum contaminant concentration was established to evaluate laboratory contamination for acetone and methylene chloride and 5X for the other compounds. Dilution factors, percent solids, and sample aliquots were taken into consideration during the application of all action levels. The affected positive results were qualified (U) as a result of blank contamination for acetone, methylene chloride, chloroform, and total xylenes. No qualification of the QC blanks was taken based on method blank contamination. The positive results in the SPLP samples greater than the action limit were qualified as estimated (J) because of suspected laboratory contamination.

The surrogate dibromofluoromethane had percent recoveries less than 10% for soil samples PEN46SB2901, PEN46SB2902, and PEN46SB3101. The samples were re-analyzed and the dibromofluoromethane recoveries were less than 10%. The original sample analysis was used for validation. The positive results for the aforementioned soil samples were qualified as estimated (J). The non-detected results for the aforementioned soil samples were rejected (UR).

The surrogate dibromofluoromethane had a percent recovery less than the quality control limit for soil sample PEN46SB3102. The sample was re-analyzed within holding time with acceptable surrogate recoveries. The re-analyzed sample was used for validation. No qualification of the data was necessary.

The surrogates dibromofluoromethane, toluene-d8, and p-bromofluorobenzene had percent recoveries less than the quality control limit for soil sample PEN45SB2501. The sample was re-analyzed within the holding time with similar results. The re-analyzed results were used for validation. The positive and non-detected results for soil sample PEN45SB2501 have been qualified as estimated (J) and (UJ), respectively.

The surrogates toluene-d8 and p-bromofluorobenzene had percent recoveries less than the quality control limit for soil sample PEN45SB2503. The sample was re-analyzed within the holding time with acceptable results. The re-analyzed results were used for validation. No qualification of the data was necessary.

The surrogate 1,2-dichloroethane-d4 had percent recoveries greater than the quality control limit for aqueous samples PEN46TB1202, PEN46SB3003, PEN46SB3102, PEN46SB3103, PEN45SB2501, and PEN45SB2502. The positive results for the aforementioned samples have been qualified as estimated (J). No action was taken on the non-detected results.

The field duplicate pair PEN46SB3001 and PEN46SB3001D exceeded the 50% RPD and/or the difference between results was >2X RL quality control criteria for ethylbenzene and total xylenes. The positive and non-detected results for these compounds were qualified as estimated (J) and (UJ), respectively, in the aforementioned samples.

The laboratory control sample (LCS) associated with batch WG23738 had recoveries outside of the quality control limits for 2-butanone, chlorobenzene, total xylenes, and styrene. None of the percent recoveries were

less than 10%. No action was taken based on these non-compliances because all results were non-detected for the aforementioned compounds.

The LCS associated with batch WG24016 had recoveries greater than the quality control limits for 1,1,1-trichloroethane, 2-butanone, 1,2-dichloroethane, bromodichloromethane, and styrene. No action was taken based on these non-compliances because all results were non-detected for the aforementioned compounds.

The LCS associated with batch WG23923 had recoveries outside of the quality control limits for carbon disulfide and 2-butanone. None of the percent recoveries were less than 10%. No action was taken based on these non-compliances.

The LCS associated with batch WG24050 had recoveries greater than the quality control limits for carbon disulfide, 2-butanone, 1,2-dichloroethane, bromodichloromethane, and 4-methyl-2-pentanone. No action was taken based on these non-compliances because all results were non-detected for the aforementioned compounds.

The LCS associated with batch WG23726 had recoveries greater than the quality control limits for carbon tetrachloride, 1,2-dichloroethane, bromodichloromethane, and bromform. No action was taken based on these non-compliances because all results were non-detected for the aforementioned compounds.

The LCS associated with batch WG23858 had recoveries outside of the quality control limits for chloromethane, vinyl chloride, chloroethane, and bromodichloromethane. None of the percent recoveries were less than 10%. No action was taken based on these non-compliances.

Sample PEN46SB2901 was analyzed as a medium level because of a concentration for trichloroethene greater than the linear range of the instrument.

Semivolatiles

The following table summarizes the noncompliant surrogate spike recoveries and internal standard performances:

Samples	Surrogate Recoveries	Internal Standard Performances	Validated	Qualifications
PEN46SB2901	X(2)		Y	J, UJ Acid fraction only
PEN46SB2901RE	X(2) +(1)	6(L)	N	
PEN46SB2902	X(2)		Y	No action, only 1 surrogate out / frac.
PEN46SB2902RE	X(1)		N	
PEN46SB3103	X(2)		Y	J, UJ Acid fraction only
PEN46SB3103RE	+(3)	5(L)6(L)	N	
PEN45SB2501	+(2)	6(L)	Y	UJ for internal standard only
PEN45SB2501RA	+(1)	5(L)6(L)	N	
PEN45SB2502	+(2)	6(L)	Y	UJ for internalstandard only
PEN45SB2502RA	+(1)	5(L)6(L)	N	

Surrogate Recoveries: + Recovery greater than upper limit
X Recovery less than lower limit

Number of noncompliant surrogate recoveries noted in ( ).

Internal Standards: 1 – Pentafluorobenzene
2 – 1,4-Difluorobenzene
3 – Chlorobenzene-d5
4 – 1,4-Dichlorobenzene-d4

(L) indicates a low performance.
(H) indicates a high performance.

The initial calibration analyzed on instrument GCMS-K on 12/06/05 had a percent relative standard deviation (%RSD) that exceeded the 30% quality control limit for hexachlorocyclopentadiene. No action was taken on this basis because only a preparation blank and LCSs were associated with this initial calibration and QC samples do not require qualification.

Continuing calibration analyzed on instrument GCMS-K on 12/22/05 @ 09:07 had %Ds that exceeded the 25% quality control limit for nitrobenzene, 2,4-dinitrophenol, and 4-nitrophenol. No action was taken on this basis because only a preparation blank and LCSs were associated with this continuing calibration and QC samples do not require qualification.

Continuing calibration analyzed on instrument GCMS-K on 12/30/05 @ 15:47 had %Ds that exceeded the 25% quality control limit for hexachlorocyclopentadiene, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol. The non-detected results for the aforementioned compounds in samples PEN46RB1202, PEN46SB2901, PEN46SB2902, and PEN46SB2903 were qualified as estimated, (UJ).

The continuing calibration analyzed on instrument GCMS-K on 01/08/06 @ 13:12 had a %D that exceeded the 25% quality control limit for di-n-octylphthalate. The non-detected results for di-n-octylphthalate in samples PEN46SB3001D, PEN46SB3002, PEN46SB3003, PEN46SB3101, PEN46SB3102, and PEN46SB3103 were qualified as estimated, (UJ).

Continuing calibration analyzed on instrument GCMS-K on 01/09/06 @ 13:35 had %Ds that exceeded the 25% quality control limit for bis(2-ethylhexyl)phthalate and di-n-octylphthalate. The positive and non-detected results for bis(2-ethylhexyl)phthalate and di-n-octylphthalate in samples PEN45SB2501, PEN45SB2502, and PEN45SB2503 were qualified as estimated, (UJ).

The initial calibration analyzed on instrument GCMS-K on 01/10/06 had a percent relative standard deviation (%RSD) that exceeded the 30% quality control limit for hexachlorocyclopentadiene. No action was taken on this basis because only re-analysis, re-extractions, and QC samples were associated with this initial calibration and none of these samples were used for validation.

Continuing calibration analyzed on instrument GCMS-K on 01/11/06 @ 09:55 had %Ds that exceeded the 25% quality control limit for N-nitroso-di-n-propylamine, hexachlorocyclopentadiene, and di-n-octylphthalate. No action was taken on this basis because only re-analysis samples were associated with this continuing calibration and none of these samples were used for validation.

Continuing calibration analyzed on instrument GCMS-K on 01/12/06 @ 13:17 had %Ds that exceeded the 25% quality control limit for hexachlorocyclopentadiene and di-n-octylphthalate. No action was taken on this basis because only re-extracted and QC samples were associated with this continuing calibration and none of these samples were used for validation.

Samples PEN46SB2903, PEN46SB3001, PEN46SB3001D, PEN46SB3003, and PEN45SB2503 had one surrogate outside of the quality control limit per fraction. No action was taken on this basis because only one surrogate was out per fraction and the recovery was greater than 10%.

The LCS / LCSD associated with the aqueous batch WG23602 had recoveries outside of the quality control

limits for 2,4-dimethylphenol, 2-nitroaniline, 2,4-dinitrophenol, and 3,3'-dichlorobenzidine. None of the percent recoveries were less than 10%. No action was taken based on these non-compliances.

The LCS / LCSD associated with the soil batch WG23807 had recoveries outside of the quality control limits for 4-chloroaniline, 3-nitroaniline, and N-nitrosodiphenylamine. The LCSD for 4-chloroaniline had a recovery less than 10% but the LCS was greater than 10%. No action was taken based on non-compliances for 3-nitroaniline and N-nitrosodiphenylamine. The non-detected 4-chloroaniline results for all samples except PEN45SB2502 and PEN45SB2503 were rejected (UR).

The LCS / LCSD associated with the soil batch WG23940 had recoveries outside of the quality control limits for 4-chloroaniline, 3-nitroaniline, 4-nitroaniline, N-nitrosodiphenylamine, and 3,3'-dichlorobenzidine. The LCS / LCSD for 4-chloroaniline had recoveries less than 10%. The non-detected 4-chloroaniline results for samples PEN45SB2502 and PEN45SB2503 were rejected (UR).

The LCS / LCSD associated with the soil batch WG24538 had recoveries outside of the quality control limits for several compounds and recoveries less than 10% for 4-chloroaniline and 3,3'-dichlorobenzidine. No action was taken on this basis because the samples associated with this LCS were re-extracted samples and were not used for validation.

The LCS associated with the soil batch WG24565 had recoveries outside of the quality control limits for several compounds. No action was taken on this basis because the samples associated with this LCS was re-extracted and were not used for validation.

Pesticide

Continuing verification %Ds exceeded the 15% quality control limit for alpha-BHC, gamma-BHC, heptachlor, beta-BHC, delta-BHC, dieldrin, 4,4'-DDT, gamma chlordane, and methoxychlor on 12/31/05 at 01:20 on column RTX-CLPI. The compounds 4,4'-DDT and methoxychlor exceeded 15% D on the RTX-CLPII column. The non-detected results for 4,4'-DDT and methoxychlor were qualified as estimated (UJ), in samples PEN46SB2901, PEN46SB2902, and PEN46SB2903.

Continuing verification %Ds exceeded the 15% quality control limit for endrin, 4,4'-DDT, endrin aldehyde, endosulfan sulfate, and methoxychlor on 01/06/06 at 05:19 on column RTX-CLPI. The compounds 4,4'-DDT and methoxychlor exceeded 15% D on the RTX-CLPII column. The positive and non-detected results for 4,4'-DDT and methoxychlor were qualified as estimated (J) and (UJ), respectively, in samples PEN46SB3001, PEN46SB3001D, PEN46SB3002, PEN46SB3003, PEN46SB3102, PEN46SB3103, and PEN45SB2502.

Continuing verification %Ds exceeded the 15% quality control limit for gamma-BHC, heptachlor, beta-BHC, delta-BHC, heptachlor expoxide, endosulfan I, 4,4'-DDE, dieldrin, endrin, 4,4'-DDT, endrin aldehyde, alpha-chlordane, and gamma-chlordane on 01/09/06 at 10:43 on column RTX-CLPI. All compounds met %D quality control limits on the RTX-CLPII column. No action was taken on this basis because %Ds were met on at least one column.

Continuing verification %Ds exceeded the 15% quality control limit for 4,4'-DDT, endosulfan sulfate, and methoxychlor on 01/09/06 at 21:18 on column RTX-CLPI. The compound endosulfan sulfate exceeded 15% D on the RTX-CLPII column. The non-detected results for endosulfan sulfate were qualified as estimated (UJ), in samples PEN46SB3101 and PEN45SB2503.

The relative percent difference (RPD) between columns exceeded 25% for the following compounds. The positive results were reported as estimated, (J) for the compounds below:

Sample	Compound	%D
PEN45SB2501	alpha-chlordane	48.8%
	4,4'-DDE	38.7%
	4,4'-DDT	26.0%
PEN45SB2502	4,4'-DDT	31.0%
PEN45SB2503	4,4'-DDT	34.6%

The surrogate decachlorobiphenyl had percent recoveries less than the quality control limits for sample PEN46RB1202. The non-detected results for sample PEN46RB1202 have been qualified as estimated (UJ).

The surrogate tetrachloro-m-xylene had a low recovery in the method blank and LCS associated with batch WG23876. No action was taken on this basis.

The surrogate decachlorobiphenyl had a low recovery in the method blank associated with batch WG23714. No action was taken on this basis.

The LCS / LCSD associated with batch WG23876 had percent recoveries less than the quality control limits for endosulfan II. The percent recovery for endosulfan II was not less than 10%. No action was taken based on this non-compliance.

Sample PEN45SB2501 (2X) required a dilution because of a concentration greater than the linear calibration range of the instrument for 4,4'-DDT. This accounts for the elevated detection limits for the non-detects in this sample.

PCB

A continuing verification average %D exceeded the 15% quality control limit for Aroclor-1016 on instrument GC06 on 11/23/05 at 19:08 on column RTX-35. Aroclor-1016 met average %D quality control limit on the RTX-5 column. No action was taken on this basis because the average %D was met on at least one column.

Continuing verification average %Ds exceeded the 15% quality control limit for Aroclor-1016 and Aroclor-1260 on instrument GC06 on 12/29/05 at 04:54 on column RTX-35. Aroclor-1016 and Aroclor-1260 met average %D quality control limit on the RTX-5 column. No action was taken on this basis because the average %D was met on at least one column.

A continuing verification average %D exceeded the 15% quality control limit for Aroclor-1260 on instrument GC06 on 12/31/05 at 04:13 on column RTX-5. Aroclor-1260 met average %D quality control limit on the RTX-35 column. No action was taken on this basis because the average %D was met on at least one column.

The surrogate decachlorobiphenyl had percent recoveries less than the quality control limits for sample PEN46RB1202. The non-detected results for sample PEN46RB1202 have been qualified as estimated (UJ).

The surrogate decachlorobiphenyl had a percent recovery greater than the quality control limit for sample PEN45SB2501 on the RTX-35 column. No action was taken on this basis because the percent recovery was acceptable on the RTX-5 column.

PAH

Continuing calibration analyzed on instrument GCMS-U on 12/27/06 @ 12:43 had %Ds that exceeded the 25% quality control limit for benzo(a)anthracene and benzo(k)fluoranthene. No action was taken on this basis because only QC samples were associated with this continuing calibration and QC samples are not qualified.

Continuing calibration analyzed on instrument GCMS-U on 01/03/06 @ 10:33 had %Ds that exceeded the 25% quality control limit for indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i)perylene. The positive and non-detected results for the aforementioned compounds in samples PEN46SB2903, PEN46SB3001, PEN46SB3001D, PEN46SB3002, PEN46SB3101, PEN46SB3102, and PEN46SB3103 were qualified as estimated, (J) and (UJ), respectively.

The continuing calibration analyzed on instrument GCMS-U on 01/06/06 @ 15:36 had a %D that exceeded the 25% quality control limit for benzo(b)fluoranthene. No action was taken on this basis because benzo(b)fluoranthene was not reported from the associated sample.

The following samples required a dilution because of concentrations greater than the linear range of instrument: PEN45SB2501 (25X), PEN45SB2502 (10X), and PEN45SB2503 (10X).

Total Petroleum Hydrocarbons (FLORIDA/PRO)

Total petroleum hydrocarbons were detected in the soil method blank and the rinse blank. Results less than 5X the method blank contamination (12 mg/kg) have been qualified as non-detected in all soil samples. No action was taken on the rinse blank.

The surrogate o-terphenyl had percent recoveries greater than the quality control limit for samples PEN46SB2901, PEN46SB2902, and PEN46SB3001. No action was taken on this basis because the TPH results for these samples were previously qualified as non-detected because of blank contamination.

The surrogates n-triacontane and o-terphenyl had percent recoveries greater than the quality control limit for sample PEN46SB2903. No action was taken on this basis because the TPH result for this sample was previously qualified as non-detected because of blank contamination.

Sample PEN45SB2501 (2X) required a dilution because of a TPH concentration greater than the linear range of instrument.

1,2-Dibromoethane (EDB)

The rinse blank (PEN46RB1202) was the only sample analyzed for EDB by EPA Method 504.1.

A continuing verification %D exceeded the 25% quality control limit for EDB on instrument GC03 on 12/15/05 at 21:17 on column SPB 608. EDB met the 25 %D quality control limit on the RTX-CLPII column. No action was taken on this basis because the %D was met on at least one column.

The LCS / LCSD associated with batch WG23818 had percent recoveries greater than the quality control limits. No action was taken on this non-compliance.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

The laboratory did not report methyl acetate and caprolactum on the Form 1s or EDD. The laboratory submitted results upon request. The laboratory did not report EDB and 1,2-dibromo-3-chloropropane on the EDD. The laboratory submitted results upon request.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several compounds in the VOA, SVOA, Pest/PCB, and PAH fraction exceeded calibration %D and/or %RSD criterion, resulting in qualification and/or rejection of data. Several compounds were detected in the VOA and TPH fraction method blanks. The VOA, SVOA, Pest, and EDB fractions had LCS non-compliances.

Other Factors Affecting Data Quality: The VOA, SVOA, Pest/PCB, and TPH fractions had surrogate non-compliances. The SVOA fraction had internal standard non-compliances. Field duplicate imprecision was noted in the VOA fraction.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-29
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	10		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2	I	U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-29
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-30
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	8		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2		U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-30
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-31
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	7		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	UJ	C
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	3			
METHYLENE CHLORIDE	7		U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	21		J	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-31
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-19
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	12		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	17		J	A
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	2			
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	10		J	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-19
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	4			
VINYL CHLORIDE	0.3	U	U	

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-20
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	12		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	1		U	A
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.3	I	J	P
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	I	J	P
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	1	I	U	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-20
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	13			
VINYL CHLORIDE	0.3	U	U	

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-21
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	8		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	I	U	A
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.6	I	J	P
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	3		U	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-21
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	1			
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB3001	nsample	PEN46SB3001	nsample	PEN46SB3001D
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-22	lab_id	WV6482-22	lab_id	WV6482-23
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	6		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	2		J	G
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	12		J	AG
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	5	I	U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	UJ	G
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	1	I	U	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-23
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-24
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	6		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.3	I	J	P
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	2	I	U	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-24
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB3003	nsample	PEN46SB3003	nsample	PEN46SB3101
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-25	lab_id	WV6482-25	lab_id	WV6482-26
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	14		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	1		J	R
METHYLENE CHLORIDE	2	I	U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	6		U	A
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	45		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	I	U	A
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2	I	U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-26
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.8	I	J	P
VINYL CHLORIDE	0.3	U	U	

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-27
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	20		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	4		U	A
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-27
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	2		J	R
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPV

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-28
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	UJ	C
4-METHYL-2-PENTANONE	3	U	UJ	C
ACETONE	8		U	A
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-28
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.5	I	J	PR
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: OV

nsample	PEN46RB1202	nsample	PEN46RB1202	nsample	PEN46TB1202
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-14	lab_id	WV6482-14	lab_id	WV6482-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.0051	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	4	IJ	J	CPR
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	21		J	CR
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	UJ	C
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	UJ	C
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	UJ	C
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	UJ	C
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: OV

nsample	PEN46TB1202
samp_date	12/2/2005
lab_id	WV6482-15
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-11RA
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2	U	UJ	R
1,1,2,2-TETRACHLOROETHANE	1	U	UJ	R
1,1,2-TRICHLOROETHANE	0.9	U	UJ	R
1,1-DICHLOROETHANE	1	U	UJ	R
1,1-DICHLOROETHENE	1	U	UJ	R
1,2-DIBROMOETHANE	0.5	U	UJ	R
1,2-DICHLOROETHANE	0.7	U	UJ	CR
1,2-DICHLOROPROPANE	0.8	U	UJ	R
2-BUTANONE	4	U	UR	C
2-HEXANONE	5	U	UJ	R
4-METHYL-2-PENTANONE	5	U	UJ	R
ACETONE	5	U	UR	C
BENZENE	1	U	UJ	R
BROMODICHLOROMETHANE	0.6	U	UJ	R
BROMOFORM	0.7	U	UJ	R
BROMOMETHANE	2	U	UJ	R
CARBON DISULFIDE	2	U	UJ	R
CARBON TETRACHLORIDE	4	U	UJ	CR
CHLOROBENZENE	0.8	U	UJ	R
CHLORODIBROMOMETHANE	0.6	U	UJ	R
CHLOROETHANE	2	U	UJ	R
CHLOROFORM	1	U	UJ	R
CHLOROMETHANE	1	U	UJ	CR
CIS-1,3-DICHLOROPROPENE	0.4	U	UJ	R
ETHYLBENZENE	0.9	U	UJ	R
METHYLENE CHLORIDE	2	U	UJ	R
STYRENE	0.4	U	UJ	R
TETRACHLOROETHENE	1	U	UJ	R
TOLUENE	1	U	UJ	R
TOTAL 1,2-DICHLOROETHENE	2	U	UJ	R
TOTAL XYLENES	2	U	UJ	R
TRANS-1,3-DICHLOROPROPENE	0.6	U	UJ	R

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-11RA
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.9	U	UJ	R
VINYL CHLORIDE	2	U	UJ	R

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-12RA2
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.7	U	U	
1,2-DICHLOROPROPANE	0.8	U	U	
2-BUTANONE	4	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	19	I	J	CP
BENZENE	0.9	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.7	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	3	U	U	
CHLOROBENZENE	0.7	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	0.9	U	U	
CHLOROMETHANE	1	U	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	14	V	U	A
STYRENE	0.4	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	1	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-12RA2
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.9	U	U	
VINYL CHLORIDE	2	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-13RA
qc_type	NM
units	UG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.6	U	UJ	C
1,2-DICHLOROPROPANE	0.8	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	4	U	U	
ACETONE	4	U	UR	C
BENZENE	0.8	U	U	
BROMODICHLOROMETHANE	0.5	U	U	
BROMOFORM	0.6	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	3	U	UJ	C
CHLOROBENZENE	0.7	U	U	
CHLORODIBROMOMETHANE	0.5	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	0.9	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.3	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	0.9	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-13RA
qc_type	NM
units	UG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.8	U	U	
VINYL CHLORIDE	2	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-1
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1600	U	UR	R
1,1,2,2-TETRACHLOROETHANE	1400	U	UR	R
1,1,2-TRICHLOROETHANE	930	U	UR	R
1,1-DICHLOROETHANE	1300	U	UR	R
1,1-DICHLOROETHENE	1200	U	UR	R
1,2-DIBROMOETHANE	560	U	UR	R
1,2-DICHLOROETHANE	720	U	UR	R
1,2-DICHLOROPROPANE	890	U	UR	R
2-BUTANONE	3900	U	UR	CR
2-HEXANONE	5000	U	UR	R
4-METHYL-2-PENTANONE	5200	U	UR	R
ACETONE	26000	I	J	CPR
BENZENE	1000	U	UR	R
BROMODICHLOROMETHANE	640	U	UR	R
BROMOFORM	740	U	UR	R
BROMOMETHANE	2400	U	UR	R
CARBON DISULFIDE	1800	U	UR	R
CARBON TETRACHLORIDE	3700	U	UR	R
CHLOROBENZENE	810	U	UR	R
CHLORODIBROMOMETHANE	640	U	UR	R
CHLOROETHANE	1800	U	UR	R
CHLOROFORM	1000	U	UR	R
CHLOROMETHANE	1200	U	UR	R
CIS-1,3-DICHLOROPROPENE	400	U	UR	R
ETHYLBENZENE	930	U	UR	R
METHYLENE CHLORIDE	2400	U	UR	R
STYRENE	390	U	UR	R
TETRACHLOROETHENE	1500	U	UR	R
TOLUENE	1100	U	UR	R
TOTAL 1,2-DICHLOROETHENE	1900	U	UR	R
TOTAL XYLENES	2300	U	UR	R
TRANS-1,3-DICHLOROPROPENE	690	U	UR	R

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-1
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	150000		J	R
VINYL CHLORIDE	2200	U	UR	R

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-2
qc_type	NM
units	UG/KG
Pct_Solids	93.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	UR	R
1,1,2,2-TETRACHLOROETHANE	1	U	UR	R
1,1,2-TRICHLOROETHANE	0.8	U	UR	R
1,1-DICHLOROETHANE	1	U	UR	R
1,1-DICHLOROETHENE	1	U	UR	R
1,2-DIBROMOETHANE	0.5	U	UR	R
1,2-DICHLOROETHANE	0.6	U	UR	R
1,2-DICHLOROPROPANE	0.8	U	UR	R
2-BUTANONE	4	U	UR	CR
2-HEXANONE	4	U	UR	R
4-METHYL-2-PENTANONE	5	U	UR	R
ACETONE	19	I	J	CR
BENZENE	0.9	U	UR	R
BROMODICHLOROMETHANE	0.6	U	UR	R
BROMOFORM	0.7	U	UR	R
BROMOMETHANE	2	U	UR	R
CARBON DISULFIDE	2	U	UR	R
CARBON TETRACHLORIDE	3	U	UR	R
CHLOROBENZENE	0.7	U	UR	R
CHLORODIBROMOMETHANE	0.6	U	UR	R
CHLOROETHANE	2	U	UR	R
CHLOROFORM	0.9	U	UR	R
CHLOROMETHANE	1	U	UR	R
CIS-1,3-DICHLOROPROPENE	0.4	U	UR	R
ETHYLBENZENE	0.8	U	UR	R
METHYLENE CHLORIDE	2	I	U	A
STYRENE	0.4	U	UR	R
TETRACHLOROETHENE	1	U	UR	R
TOLUENE	1	U	UR	R
TOTAL 1,2-DICHLOROETHENE	2	U	UR	R
TOTAL XYLENES	2	U	UR	R
TRANS-1,3-DICHLOROPROPENE	0.6	U	UR	R

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-2
qc_type	NM
units	UG/KG
Pct_Solids	93.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	74		J	R
VINYL CHLORIDE	2	U	UR	R

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-3
qc_type	NM
units	UG/KG
Pct_Solids	94.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.6	U	UJ	C
1,2-DICHLOROPROPANE	0.7	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	4	U	U	
ACETONE	9	I	J	CP
BENZENE	0.8	U	U	
BROMODICHLOROMETHANE	0.5	U	U	
BROMOFORM	0.6	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	1	U	U	
CARBON TETRACHLORIDE	3	U	UJ	C
CHLOROBENZENE	0.6	U	U	
CHLORODIBROMOMETHANE	0.5	U	U	
CHLOROETHANE	1	U	U	
CHLOROFORM	0.8	U	U	
CHLOROMETHANE	1	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	2	U	U	
STYRENE	0.3	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	0.9	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-3
qc_type	NM
units	UG/KG
Pct_Solids	94.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	19			
VINYL CHLORIDE	2	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB3001
samp_date	12/2/2005
lab_id	WV6482-4RA
qc_type	NM
units	UG/KG
Pct_Solids	91.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.9	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.7	U	U	
1,2-DICHLOROPROPANE	0.9	U	U	
2-BUTANONE	4	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	13	I	J	C
BENZENE	1	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.7	U	U	
BROMOMETHANE	2	U	UJ	C
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	4	U	U	
CHLOROBENZENE	0.8	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	1	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.9	U	U	
METHYLENE CHLORIDE	7	I	U	A
STYRENE	0.4	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	1	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.7	U	U	

nsample	PEN46SB3001
samp_date	12/2/2005
lab_id	WV6482-4RA
qc_type	NM
units	UG/KG
Pct_Solids	91.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.9	U	U	
VINYL CHLORIDE	2	U	U	

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-5RA2
qc_type	NM
units	UG/KG
Pct_Solids	90.2
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.9	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.7	U	U	
1,2-DICHLOROPROPANE	0.9	U	U	
2-BUTANONE	4	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	12	I	J	C
BENZENE	1	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.7	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	4	U	UJ	C
CHLOROBENZENE	0.8	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	1	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.9	U	U	
METHYLENE CHLORIDE	7	I	U	A
STYRENE	0.4	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	1	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.7	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-5RA2
qc_type	NM
units	UG/KG
Pct_Solids	90.2
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.9	U	U	
VINYL CHLORIDE	2	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-6RA
qc_type	NM
units	UG/KG
Pct_Solids	89.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.9	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.7	U	U	
1,2-DICHLOROPROPANE	0.9	U	U	
2-BUTANONE	4	U	UR	C
2-HEXANONE	5	U	U	
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	9	I	J	C
BENZENE	1	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.7	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	4	U	UJ	C
CHLOROBENZENE	0.8	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	1	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.9	U	U	
METHYLENE CHLORIDE	3	I	U	A
STYRENE	0.4	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	1	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.7	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-6RA
qc_type	NM
units	UG/KG
Pct_Solids	89.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	0.9	U	U	
VINYL CHLORIDE	2	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB3003
samp_date	12/2/2005
lab_id	WV6482-7
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.6	U	U	
1,2-DICHLOROPROPANE	0.8	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	4	U	U	
ACETONE	4	U	UR	C
BENZENE	0.9	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.6	U	U	
BROMOMETHANE	2	U	UJ	C
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	3	U	U	
CHLOROBENZENE	0.7	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	0.9	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	5	I	U	A
STYRENE	0.3	U	U	
TETRACHLOROETHENE	1	U	U	
TOLUENE	0.9	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

nsample	PEN46SB3003
samp_date	12/2/2005
lab_id	WV6482-7
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	3	I	J	P
VINYL CHLORIDE	2	U	U	

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-8
qc_type	NM
units	UG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	UR	R
1,1,2,2-TETRACHLOROETHANE	1	U	UR	R
1,1,2-TRICHLOROETHANE	0.8	U	UR	R
1,1-DICHLOROETHANE	1	U	UR	R
1,1-DICHLOROETHENE	1	U	UR	R
1,2-DIBROMOETHANE	0.5	U	UR	R
1,2-DICHLOROETHANE	0.6	U	UR	R
1,2-DICHLOROPROPANE	0.8	U	UR	R
2-BUTANONE	3	U	UR	CR
2-HEXANONE	4	U	UR	R
4-METHYL-2-PENTANONE	4	U	UR	R
ACETONE	22	I	J	CR
BENZENE	0.9	U	UR	R
BROMODICHLOROMETHANE	0.5	U	UR	R
BROMOFORM	0.6	U	UR	R
BROMOMETHANE	2	U	UR	R
CARBON DISULFIDE	2	U	UR	R
CARBON TETRACHLORIDE	3	U	UR	R
CHLOROBENZENE	0.7	U	UR	R
CHLORODIBROMOMETHANE	0.5	U	UR	R
CHLOROETHANE	2	U	UR	R
CHLOROFORM	0.9	U	UR	R
CHLOROMETHANE	1	U	UR	R
CIS-1,3-DICHLOROPROPENE	0.3	U	UR	R
ETHYLBENZENE	0.8	U	UR	R
METHYLENE CHLORIDE	3	I	U	A
STYRENE	0.3	U	UR	R
TETRACHLOROETHENE	6		J	R
TOLUENE	0.9	U	UR	R
TOTAL 1,2-DICHLOROETHENE	2	U	UR	R
TOTAL XYLENES	2	U	UR	R
TRANS-1,3-DICHLOROPROPENE	0.6	U	UR	R

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-8
qc_type	NM
units	UG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	11		J	R
VINYL CHLORIDE	2	U	UR	R

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-9RA2
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.6	U	UJ	C
1,2-DICHLOROPROPANE	0.8	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	5	U	U	
ACETONE	16	I	J	C
BENZENE	0.9	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.6	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	3	U	UJ	C
CHLOROBENZENE	0.7	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	0.9	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	6	I	U	A
STYRENE	0.3	U	U	
TETRACHLOROETHENE	2	I	J	P
TOLUENE	0.9	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-9RA2
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	6			
VINYL CHLORIDE	2	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OV

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-10RA
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	U	
1,1,2,2-TETRACHLOROETHANE	1	U	U	
1,1,2-TRICHLOROETHANE	0.8	U	U	
1,1-DICHLOROETHANE	1	U	U	
1,1-DICHLOROETHENE	1	U	U	
1,2-DIBROMOETHANE	0.5	U	U	
1,2-DICHLOROETHANE	0.6	U	U	
1,2-DICHLOROPROPANE	0.8	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	4	U	U	
4-METHYL-2-PENTANONE	4	U	U	
ACETONE	10	I	J	C
BENZENE	0.9	U	U	
BROMODICHLOROMETHANE	0.6	U	U	
BROMOFORM	0.6	U	U	
BROMOMETHANE	2	U	U	
CARBON DISULFIDE	2	U	U	
CARBON TETRACHLORIDE	3	U	UJ	C
CHLOROBENZENE	0.7	U	U	
CHLORODIBROMOMETHANE	0.6	U	U	
CHLOROETHANE	2	U	U	
CHLOROFORM	0.9	U	U	
CHLOROMETHANE	1	U	UJ	C
CIS-1,3-DICHLOROPROPENE	0.4	U	U	
ETHYLBENZENE	0.8	U	U	
METHYLENE CHLORIDE	4	I	U	A
STYRENE	0.3	U	U	
TETRACHLOROETHENE	9			
TOLUENE	0.9	U	U	
TOTAL 1,2-DICHLOROETHENE	2	U	U	
TOTAL XYLENES	2	U	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	U	

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-10RA
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TRICHLOROETHENE	18			
VINYL CHLORIDE	2	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: OS

nsample	PEN46RB1202	nsample	PEN46RB1202
samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-14	lab_id	WV6482-14
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	8	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	UJ	C
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	UJ	C
4-BROMOPHENYL PHENYL ETHER	5	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	6	U	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	4	U	U	
DIETHYL PHTHALATE	2	I	J	P
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	3	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-11
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	47	U	U	
1,2-DICHLOROBENZENE	46	U	U	
1,3-DICHLOROBENZENE	57	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	66	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	83	U	U	
2-CHLORONAPHTHALENE	52	U	U	
2-CHLOROPHENOL	97	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	77	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	60	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	57	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	1200		J	C
BUTYL BENZYL PHTHALATE	130	I	J	P
CARBAZOLE	64	U	U	

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-11
qc_type	NM
units	UG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	67	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	67	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	79	U	UJ	CN
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	80	U	U	
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	56	U	U	
NITROBENZENE	80	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-12
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	47	U	U	
1,2-DICHLOROBENZENE	46	U	U	
1,3-DICHLOROBENZENE	57	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	130	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	66	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	83	U	U	
2-CHLORONAPHTHALENE	52	U	U	
2-CHLOROPHENOL	97	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	81	U	U	
2-NITROPHENOL	120	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	77	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	60	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	58	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	240	I	J	CP
BUTYL BENZYL PHTHALATE	110	I	J	P
CARBAZOLE	65	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-12
qc_type	NM
units	UG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	67	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	67	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	79	U	UJ	CN
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	81	U	U	
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	56	U	U	
NITROBENZENE	80	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-13
qc_type	NM
units	UG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	47	U	U	
1,2-DICHLOROBENZENE	46	U	U	
1,3-DICHLOROBENZENE	57	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	120	U	U	
2,4-DINITROPHENOL	66	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	83	U	U	
2-CHLORONAPHTHALENE	52	U	U	
2-CHLOROPHENOL	96	U	U	
2-METHYLPHENOL	140	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	77	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	60	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	57	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	80	U	UJ	C
BUTYL BENZYL PHTHALATE	73	U	U	
CARBAZOLE	64	U	U	

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-13
qc_type	NM
units	UG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	67	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	67	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	79	U	UJ	C
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	80	U	U	
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	56	U	U	
NITROBENZENE	80	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-1
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	46	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	55	U	U	
1,4-DICHLOROBENZENE	26	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	32	U	U	
2,4,5-TRICHLOROPHENOL	190	U	UJ	R
2,4,6-TRICHLOROPHENOL	120	U	UJ	R
2,4-DICHLOROPHENOL	140	U	UJ	R
2,4-DIMETHYLPHENOL	120	U	UJ	R
2,4-DINITROPHENOL	65	U	UJ	CR
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	81	U	U	
2-CHLORONAPHTHALENE	50	U	U	
2-CHLOROPHENOL	94	U	UJ	R
2-METHYLPHENOL	140	U	UJ	R
2-NITROANILINE	78	U	U	
2-NITROPHENOL	110	U	UJ	R
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	75	U	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	UJ	CR
4-BROMOPHENYL PHENYL ETHER	58	U	U	
4-CHLORO-3-METHYLPHENOL	120	U	UJ	R
4-CHLOROANILINE	56	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	52	U	U	
4-METHYLPHENOL	160	U	UJ	R
4-NITROANILINE	72	U	U	
4-NITROPHENOL	160	U	UJ	R
BIS(2-CHLOROETHOXY)METHANE	55	U	U	
BIS(2-CHLOROETHYL)ETHER	34	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	78	U	U	
BUTYL BENZYL PHTHALATE	71	U	U	
CARBAZOLE	63	U	U	

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-1
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	65	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	65	U	U	
DI-N-BUTYL PHTHALATE	88	U	U	
DI-N-OCTYL PHTHALATE	77	U	U	
HEXACHLOROBENZENE	240	U	U	
HEXACHLOROBUTADIENE	46	U	U	
HEXACHLOROCYCLOPENTADIENE	78	U	UJ	C
HEXACHLOROETHANE	64	U	U	
ISOPHORONE	54	U	U	
NITROBENZENE	78	U	U	
N-NITROSO-DI-N-PROPYLAMINE	59	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
PENTACHLOROPHENOL	150	U	UJ	R
PHENOL	360		J	R

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-2
qc_type	NM
units	UG/KG
Pct_Solids	93.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	47	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	56	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	120	U	U	
2,4-DINITROPHENOL	66	U	UJ	C
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	82	U	U	
2-CHLORONAPHTHALENE	51	U	U	
2-CHLOROPHENOL	96	U	U	
2-METHYLPHENOL	140	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	76	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	UJ	C
4-BROMOPHENYL PHENYL ETHER	59	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	57	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	160	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	79	U	U	
BUTYL BENZYL PHTHALATE	72	U	U	
CARBAZOLE	64	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-2
qc_type	NM
units	UG/KG
Pct_Solids	93.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	66	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	66	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	78	U	U	
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	80	U	UJ	C
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	55	U	U	
NITROBENZENE	79	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-3
qc_type	NM
units	UG/KG
Pct_Solids	94.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	46	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	56	U	U	
1,4-DICHLOROBENZENE	26	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	32	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	120	U	U	
2,4-DINITROPHENOL	65	U	UJ	C
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	81	U	U	
2-CHLORONAPHTHALENE	51	U	U	
2-CHLOROPHENOL	95	U	U	
2-METHYLPHENOL	140	U	U	
2-NITROANILINE	79	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	75	U	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	UJ	C
4-BROMOPHENYL PHENYL ETHER	58	U	U	
4-CHLORO-3-METHYLPHENOL	120	U	U	
4-CHLOROANILINE	56	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	53	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	73	U	U	
4-NITROPHENOL	160	U	U	
BIS(2-CHLOROETHOXY)METHANE	55	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	78	U	U	
BUTYL BENZYL PHTHALATE	72	U	U	
CARBAZOLE	63	U	U	

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-3
qc_type	NM
units	UG/KG
Pct_Solids	94.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	65	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	66	U	U	
DI-N-BUTYL PHTHALATE	89	U	U	
DI-N-OCTYL PHTHALATE	78	U	U	
HEXACHLOROBENZENE	240	U	U	
HEXACHLOROBUTADIENE	46	U	U	
HEXACHLOROCYCLOPENTADIENE	79	U	UJ	C
HEXACHLOROETHANE	64	U	U	
ISOPHORONE	55	U	U	
NITROBENZENE	78	U	U	
N-NITROSO-DI-N-PROPYLAMINE	59	U	U	
N-NITROSODIPHENYLAMINE	76	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	96	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB3001
samp_date	12/2/2005
lab_id	WV6482-4
qc_type	NM
units	UG/KG
Pct_Solids	91.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	48	U	U	
1,2-DICHLOROBENZENE	46	U	U	
1,3-DICHLOROBENZENE	58	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	200	U	U	
2,4,6-TRICHLOROPHENOL	130	U	U	
2,4-DICHLOROPHENOL	150	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	67	U	U	
2,4-DINITROTOLUENE	110	U	U	
2,6-DINITROTOLUENE	84	U	U	
2-CHLORONAPHTHALENE	53	U	U	
2-CHLOROPHENOL	98	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	82	U	U	
2-NITROPHENOL	120	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	78	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	61	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	58	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	55	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	76	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	57	U	U	
BIS(2-CHLOROETHYL)ETHER	36	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	81	U	U	
BUTYL BENZYL PHTHALATE	74	U	U	
CARBAZOLE	66	U	U	

nsample	PEN46SB3001
samp_date	12/2/2005
lab_id	WV6482-4
qc_type	NM
units	UG/KG
Pct_Solids	91.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	68	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	68	U	U	
DI-N-BUTYL PHTHALATE	92	U	U	
DI-N-OCTYL PHTHALATE	80	U	U	
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	48	U	U	
HEXACHLOROCYCLOPENTADIENE	82	U	U	
HEXACHLOROETHANE	66	U	U	
ISOPHORONE	57	U	U	
NITROBENZENE	81	U	U	
N-NITROSO-DI-N-PROPYLAMINE	61	U	U	
N-NITROSODIPHENYLAMINE	78	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	100	U	U	

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-5
qc_type	NM
units	UG/KG
Pct_Solids	90.2
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	48	U	U	
1,2-DICHLOROBENZENE	47	U	U	
1,3-DICHLOROBENZENE	58	U	U	
1,4-DICHLOROBENZENE	28	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	34	U	U	
2,4,5-TRICHLOROPHENOL	200	U	U	
2,4,6-TRICHLOROPHENOL	130	U	U	
2,4-DICHLOROPHENOL	150	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	68	U	U	
2,4-DINITROTOLUENE	110	U	U	
2,6-DINITROTOLUENE	86	U	U	
2-CHLORONAPHTHALENE	53	U	U	
2-CHLOROPHENOL	100	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	83	U	U	
2-NITROPHENOL	120	U	U	
3,3'-DICHLOROBENZIDINE	150	U	U	
3-NITROANILINE	79	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	62	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	59	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	56	U	U	
4-METHYLPHENOL	170	U	U	
4-NITROANILINE	77	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	58	U	U	
BIS(2-CHLOROETHYL)ETHER	36	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	82	U	U	
BUTYL BENZYL PHTHALATE	75	U	U	
CARBAZOLE	67	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-5
qc_type	NM
units	UG/KG
Pct_Solids	90.2
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	69	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	69	U	U	
DI-N-BUTYL PHTHALATE	93	U	U	
DI-N-OCTYL PHTHALATE	82	U	UJ	C
HEXACHLOROBENZENE	260	U	U	
HEXACHLOROBUTADIENE	48	U	U	
HEXACHLOROCYCLOPENTADIENE	83	U	U	
HEXACHLOROETHANE	67	U	U	
ISOPHORONE	58	U	U	
NITROBENZENE	82	U	U	
N-NITROSO-DI-N-PROPYLAMINE	62	U	U	
N-NITROSODIPHENYLAMINE	80	U	U	
PENTACHLOROPHENOL	160	U	U	
PHENOL	100	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-6
qc_type	NM
units	UG/KG
Pct_Solids	89.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	49	U	U	
1,2-DICHLOROBENZENE	47	U	U	
1,3-DICHLOROBENZENE	59	U	U	
1,4-DICHLOROBENZENE	28	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	34	U	U	
2,4,5-TRICHLOROPHENOL	200	U	U	
2,4,6-TRICHLOROPHENOL	130	U	U	
2,4-DICHLOROPHENOL	150	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	69	U	U	
2,4-DINITROTOLUENE	110	U	U	
2,6-DINITROTOLUENE	86	U	U	
2-CHLORONAPHTHALENE	54	U	U	
2-CHLOROPHENOL	100	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	83	U	U	
2-NITROPHENOL	120	U	U	
3,3'-DICHLOROBENZIDINE	150	U	U	
3-NITROANILINE	80	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	62	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	59	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	56	U	U	
4-METHYLPHENOL	170	U	U	
4-NITROANILINE	77	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	58	U	U	
BIS(2-CHLOROETHYL)ETHER	37	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	83	U	U	
BUTYL BENZYL PHTHALATE	76	U	U	
CARBAZOLE	67	U	U	

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-6
qc_type	NM
units	UG/KG
Pct_Solids	89.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	69	U	U	
DIETHYL PHTHALATE	120	U	U	
DIMETHYL PHTHALATE	69	U	U	
DI-N-BUTYL PHTHALATE	94	U	U	
DI-N-OCTYL PHTHALATE	82	U	UJ	C
HEXACHLOROBENZENE	260	U	U	
HEXACHLOROBUTADIENE	49	U	U	
HEXACHLOROCYCLOPENTADIENE	83	U	U	
HEXACHLOROETHANE	68	U	U	
ISOPHORONE	58	U	U	
NITROBENZENE	83	U	U	
N-NITROSO-DI-N-PROPYLAMINE	63	U	U	
N-NITROSODIPHENYLAMINE	80	U	U	
PENTACHLOROPHENOL	160	U	U	
PHENOL	100	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB3003	nsample	PEN46SB3003	nsample	PEN46SB3101
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-7	lab_id	WV6482-7	lab_id	WV6482-8
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	93.0	Pct_Solids	93.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	47	U	U	
1,2-DICHLOROBENZENE	46	U	U	
1,3-DICHLOROBENZENE	57	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	33	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	130	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	130	U	U	
2,4-DINITROPHENOL	66	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	83	U	U	
2-CHLORONAPHTHALENE	52	U	U	
2-CHLOROPHENOL	97	U	U	
2-METHYLPHENOL	150	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	77	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	60	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	57	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	170	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	80	U	U	
BUTYL BENZYL PHTHALATE	73	U	U	
CARBAZOLE	65	U	U	
DIBENZOFURAN	67	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	67	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	79	U	UJ	C
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	81	U	U	
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	56	U	U	
NITROBENZENE	80	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	
1,2,4-TRICHLOROBENZENE	46	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	56	U	U	
1,4-DICHLOROBENZENE	27	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	32	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	120	U	U	
2,4-DINITROPHENOL	66	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	82	U	U	
2-CHLORONAPHTHALENE	51	U	U	
2-CHLOROPHENOL	96	U	U	
2-METHYLPHENOL	140	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	76	U	U	
4,6-DINITRO-2-METHYLPHENOL	130	U	U	
4-BROMOPHENYL PHENYL ETHER	59	U	U	
4-CHLORO-3-METHYLPHENOL	130	U	U	
4-CHLOROANILINE	57	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	54	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	74	U	U	
4-NITROPHENOL	160	U	U	
BIS(2-CHLOROETHOXY)METHANE	56	U	U	
BIS(2-CHLOROETHYL)ETHER	35	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	79	U	U	
BUTYL BENZYL PHTHALATE	72	U	U	
CARBAZOLE	64	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-8
qc_type	NM
units	UG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	66	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	66	U	U	
DI-N-BUTYL PHTHALATE	90	U	U	
DI-N-OCTYL PHTHALATE	78	U	UJ	C
HEXACHLOROBENZENE	250	U	U	
HEXACHLOROBUTADIENE	47	U	U	
HEXACHLOROCYCLOPENTADIENE	80	U	U	
HEXACHLOROETHANE	65	U	U	
ISOPHORONE	55	U	U	
NITROBENZENE	79	U	U	
N-NITROSO-DI-N-PROPYLAMINE	60	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	98	U	U	

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-9
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	46	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	55	U	U	
1,4-DICHLOROBENZENE	26	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	32	U	U	
2,4,5-TRICHLOROPHENOL	190	U	U	
2,4,6-TRICHLOROPHENOL	120	U	U	
2,4-DICHLOROPHENOL	140	U	U	
2,4-DIMETHYLPHENOL	120	U	U	
2,4-DINITROPHENOL	65	U	U	
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	81	U	U	
2-CHLORONAPHTHALENE	50	U	U	
2-CHLOROPHENOL	94	U	U	
2-METHYLPHENOL	140	U	U	
2-NITROANILINE	78	U	U	
2-NITROPHENOL	110	U	U	
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	75	U	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	U	
4-BROMOPHENYL PHENYL ETHER	58	U	U	
4-CHLORO-3-METHYLPHENOL	120	U	U	
4-CHLOROANILINE	56	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	53	U	U	
4-METHYLPHENOL	160	U	U	
4-NITROANILINE	72	U	U	
4-NITROPHENOL	160	U	U	
BIS(2-CHLOROETHOXY)METHANE	55	U	U	
BIS(2-CHLOROETHYL)ETHER	34	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	78	U	U	
BUTYL BENZYL PHTHALATE	71	U	U	
CARBAZOLE	63	U	U	

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-9
qc_type	NM
units	UG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	65	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	65	U	U	
DI-N-BUTYL PHTHALATE	88	U	U	
DI-N-OCTYL PHTHALATE	77	U	UJ	C
HEXACHLOROBENZENE	240	U	U	
HEXACHLOROBUTADIENE	46	U	U	
HEXACHLOROCYCLOPENTADIENE	78	U	U	
HEXACHLOROETHANE	64	U	U	
ISOPHORONE	54	U	U	
NITROBENZENE	78	U	U	
N-NITROSO-DI-N-PROPYLAMINE	59	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
PENTACHLOROPHENOL	150	U	U	
PHENOL	96	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: OS

nsample	PEN46SB3103	nsample	PEN46SB3103
samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-10	lab_id	WV6482-10
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	95.6	Pct_Solids	95.6
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	46	U	U	
1,2-DICHLOROBENZENE	45	U	U	
1,3-DICHLOROBENZENE	55	U	U	
1,4-DICHLOROBENZENE	26	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	32	U	U	
2,4,5-TRICHLOROPHENOL	190	U	UJ	R
2,4,6-TRICHLOROPHENOL	120	U	UJ	R
2,4-DICHLOROPHENOL	140	U	UJ	R
2,4-DIMETHYLPHENOL	120	U	UJ	R
2,4-DINITROPHENOL	65	U	UJ	R
2,4-DINITROTOLUENE	100	U	U	
2,6-DINITROTOLUENE	81	U	U	
2-CHLORONAPHTHALENE	50	U	U	
2-CHLOROPHENOL	94	U	UJ	R
2-METHYLPHENOL	140	U	UJ	R
2-NITROANILINE	78	U	U	
2-NITROPHENOL	110	U	UJ	R
3,3'-DICHLOROBENZIDINE	140	U	U	
3-NITROANILINE	75	U	U	
4,6-DINITRO-2-METHYLPHENOL	120	U	UJ	R
4-BROMOPHENYL PHENYL ETHER	58	U	U	
4-CHLORO-3-METHYLPHENOL	120	U	UJ	R
4-CHLOROANILINE	56	U	UR	E
4-CHLOROPHENYL PHENYL ETHER	52	U	U	
4-METHYLPHENOL	160	U	UJ	R
4-NITROANILINE	72	U	U	
4-NITROPHENOL	160	U	UJ	R
BIS(2-CHLOROETHOXY)METHANE	55	U	U	
BIS(2-CHLOROETHYL)ETHER	34	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	78	U	U	
BUTYL BENZYL PHTHALATE	71	U	U	
CARBAZOLE	63	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	65	U	U	
DIETHYL PHTHALATE	110	U	U	
DIMETHYL PHTHALATE	65	U	U	
DI-N-BUTYL PHTHALATE	99	I	J	P
DI-N-OCTYL PHTHALATE	77	U	UJ	C
HEXACHLOROBENZENE	240	U	U	
HEXACHLOROBUTADIENE	46	U	U	
HEXACHLOROCYCLOPENTADIENE	78	U	U	
HEXACHLOROETHANE	64	U	U	
ISOPHORONE	54	U	U	
NITROBENZENE	78	U	U	
N-NITROSO-DI-N-PROPYLAMINE	59	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
PENTACHLOROPHENOL	150	U	UJ	R
PHENOL	96	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: PAH

nsample	PEN46RB1202
samp_date	12/2/2005
lab_id	WV6482-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PAH

nsample	PEN45SB2501	nsample	PEN45SB2502	nsample	PEN45SB2503
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-11	lab_id	WV6482-12RA	lab_id	WV6482-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	92.9	Pct_Solids	93.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	60			
ACENAPHTHENE	33			
ACENAPHTHYLENE	79			
ANTHRACENE	94			
BENZO(A)ANTHRACENE	1800			
BENZO(A)PYRENE	2100			
BENZO(B)FLUORANTHENE	3300			
BENZO(G,H,I)PERYLENE	1400			
BENZO(K)FLUORANTHENE	1200			
CHRYSENE	1600			
DIBENZO(A,H)ANTHRACENE	470	I	J	P
FLUORANTHENE	2500			
FLUORENE	37			
INDENO(1,2,3-CD)PYRENE	1200			
NAPHTHALENE	38			
PHENANTHRENE	350	I	J	P
PYRENE	2400			

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	16	I	J	P
ACENAPHTHENE	0.8	U	U	
ACENAPHTHYLENE	79			
ANTHRACENE	34			
BENZO(A)ANTHRACENE	920			
BENZO(A)PYRENE	1100			
BENZO(B)FLUORANTHENE	1700			
BENZO(G,H,I)PERYLENE	560			
BENZO(K)FLUORANTHENE	620			
CHRYSENE	830			
DIBENZO(A,H)ANTHRACENE	190	I	J	P
FLUORANTHENE	1100			
FLUORENE	10	I	J	P
INDENO(1,2,3-CD)PYRENE	510			
NAPHTHALENE	12	I	J	P
PHENANTHRENE	120			
PYRENE	1100			

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	18	I	J	P
ACENAPHTHENE	6	I	J	P
ACENAPHTHYLENE	46			
ANTHRACENE	22			
BENZO(A)ANTHRACENE	680			
BENZO(A)PYRENE	760			
BENZO(B)FLUORANTHENE	1000			
BENZO(G,H,I)PERYLENE	460			
BENZO(K)FLUORANTHENE	440			
CHRYSENE	560			
DIBENZO(A,H)ANTHRACENE	120			
FLUORANTHENE	870			
FLUORENE	7	I	J	P
INDENO(1,2,3-CD)PYRENE	440			
NAPHTHALENE	9	I	J	P
PHENANTHRENE	110			
PYRENE	710			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PAH

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-1
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	6	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	2	I	J	P
BENZO(A)ANTHRACENE	19	I	J	P
BENZO(A)PYRENE	21	I	J	P
BENZO(B)FLUORANTHENE	36			
BENZO(G,H,I)PERYLENE	19	I	J	P
BENZO(K)FLUORANTHENE	13	I	J	P
CHRYSENE	18	I	J	P
DIBENZO(A,H)ANTHRACENE	5	I	J	P
FLUORANTHENE	21	I	J	P
FLUORENE	0.8	I	J	P
INDENO(1,2,3-CD)PYRENE	18	I	J	P
NAPHTHALENE	3	I	J	P
PHENANTHRENE	17	I	J	P
PYRENE	19	I	J	P

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-2
qc_type	NM
units	UG/KG
Pct_Solids	93.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	5	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	13	I	J	P
BENZO(A)PYRENE	12	I	J	P
BENZO(B)FLUORANTHENE	22			
BENZO(G,H,I)PERYLENE	16	I	J	P
BENZO(K)FLUORANTHENE	9	I	J	P
CHRYSENE	10	I	J	P
DIBENZO(A,H)ANTHRACENE	5	I	J	P
FLUORANTHENE	11	I	J	P
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	17	I	J	P
NAPHTHALENE	1	I	J	P
PHENANTHRENE	9	I	J	P
PYRENE	11	I	J	P

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-3
qc_type	NM
units	UG/KG
Pct_Solids	94.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	4	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.8	U	U	
BENZO(A)ANTHRACENE	7	I	J	P
BENZO(A)PYRENE	4	I	J	P
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	UJ	C
BENZO(K)FLUORANTHENE	1	U	U	
CHRYSENE	1	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	5	I	J	P
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	UJ	C
NAPHTHALENE	0.9	U	U	
PHENANTHRENE	3	I	J	P
PYRENE	5	I	J	P

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PAH

nsample	PEN46SB3001	nsample	PEN46SB3001D	nsample	PEN46SB3002
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-4	lab_id	WV6482-5	lab_id	WV6482-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.6	Pct_Solids	90.2	Pct_Solids	89.8
DUP_OF:		DUP_OF:	PEN46SB3001	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.6	U	U	
ACENAPHTHENE	0.8	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	5	I	J	P
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	3	I	J	CP
BENZO(K)FLUORANTHENE	1	U	U	
CHRYSENE	1	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	11	I	J	P
FLUORENE	0.7	U	U	
INDENO(1,2,3-CD)PYRENE	2	I	J	CP
NAPHTHALENE	1	U	U	
PHENANTHRENE	7	I	J	P
PYRENE	9	I	J	P

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.6	U	U	
ACENAPHTHENE	0.8	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	8	I	J	P
BENZO(A)PYRENE	4	I	J	P
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	UJ	C
BENZO(K)FLUORANTHENE	1	U	U	
CHRYSENE	3	I	J	P
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	8	I	J	P
FLUORENE	0.7	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	UJ	C
NAPHTHALENE	1	U	U	
PHENANTHRENE	4	I	J	P
PYRENE	7	I	J	P

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.6	U	U	
ACENAPHTHENE	0.8	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	3	I	J	P
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	UJ	C
BENZO(K)FLUORANTHENE	2	U	U	
CHRYSENE	1	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	5	I	J	P
FLUORENE	0.7	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	UJ	C
NAPHTHALENE	1	U	U	
PHENANTHRENE	3	I	J	P
PYRENE	5	I	J	P

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PAH

nsample	PEN46SB3003	nsample	PEN46SB3101	nsample	PEN46SB3102
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-7	lab_id	WV6482-8	lab_id	WV6482-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	93.8	Pct_Solids	95.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	6	I	J	P
ACENAPHTHENE	0.8	U	U	
ACENAPHTHYLENE	3	I	J	P
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	29			
BENZO(A)PYRENE	31			
BENZO(B)FLUORANTHENE	40			
BENZO(G,H,I)PERYLENE	17	I	J	P
BENZO(K)FLUORANTHENE	22			
CHRYSENE	32			
DIBENZO(A,H)ANTHRACENE	5	I	J	P
FLUORANTHENE	60			
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	18	I	J	P
NAPHTHALENE	2	I	J	P
PHENANTHRENE	21	I	J	P
PYRENE	47			

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	13	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	2	I	J	P
ANTHRACENE	0.9	U	U	
BENZO(A)ANTHRACENE	27			
BENZO(A)PYRENE	24			
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	18	I	J	CP
BENZO(K)FLUORANTHENE	1	U	U	
CHRYSENE	19	I	J	P
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	24			
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	16	I	J	CP
NAPHTHALENE	40			
PHENANTHRENE	13	I	J	P
PYRENE	34			

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	9	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	0.6	U	U	
ANTHRACENE	0.8	U	U	
BENZO(A)ANTHRACENE	1	U	U	
BENZO(A)PYRENE	10	I	J	P
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	UJ	C
BENZO(K)FLUORANTHENE	1	U	U	
CHRYSENE	1	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	7	I	J	P
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	UJ	C
NAPHTHALENE	34			
PHENANTHRENE	5	I	J	P
PYRENE	13	I	J	P

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PAH

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-10
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	8	I	J	P
ACENAPHTHENE	0.7	U	U	
ACENAPHTHYLENE	2	I	J	P
ANTHRACENE	0.8	U	U	
BENZO(A)ANTHRACENE	32			
BENZO(A)PYRENE	33			
BENZO(B)FLUORANTHENE	45			
BENZO(G,H,I)PERYLENE	17	I	J	CP
BENZO(K)FLUORANTHENE	23			
CHRYSENE	31			
DIBENZO(A,H)ANTHRACENE	2	U	UJ	C
FLUORANTHENE	25			
FLUORENE	0.6	U	U	
INDENO(1,2,3-CD)PYRENE	17	I	J	CP
NAPHTHALENE	22			
PHENANTHRENE	12	I	J	P
PYRENE	46			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	PEN46RB1202
samp_date	12/2/2005
lab_id	WV6482-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	UJ	R
4,4'-DDE	0.059	U	UJ	R
4,4'-DDT	0.044	U	UJ	R
ALDRIN	0.027	U	UJ	R
ALPHA-BHC	0.019	U	UJ	R
ALPHA-CHLORDANE	0.023	U	UJ	R
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.26	U	UJ	R
AROCLOR-1232	0.29	U	UJ	R
AROCLOR-1242	0.22	U	UJ	R
AROCLOR-1248	0.099	U	UJ	R
AROCLOR-1254	0.25	U	UJ	R
AROCLOR-1260	0.059	U	UJ	R
BETA-BHC	0.05	U	UJ	R
DELTA-BHC	0.027	U	UJ	R
DIELDRIN	0.1	U	UJ	R
ENDOSULFAN I	0.024	U	UJ	R
ENDOSULFAN II	0.015	U	UJ	R
ENDOSULFAN SULFATE	0.013	U	UJ	R
ENDRIN	0.011	U	UJ	R
ENDRIN ALDEHYDE	0.033	U	UJ	R
ENDRIN KETONE	0.018	U	UJ	R
GAMMA-BHC (LINDANE)	0.017	U	UJ	R
GAMMA-CHLORDANE	0.05	U	UJ	R
HEPTACHLOR	0.018	U	UJ	R
HEPTACHLOR EPOXIDE	0.015	U	UJ	R
METHOXYCHLOR	0.034	U	UJ	R
TOXAPHENE	1	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	PEN45SB2501	nsample	PEN45SB2502	nsample	PEN45SB2503
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-11DL	lab_id	WV6482-12	lab_id	WV6482-13
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	92.9	Pct_Solids	93.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.93	U	U	
4,4'-DDE	27		J	U
4,4'-DDT	95		J	U
ALDRIN	1.1	U	U	
ALPHA-BHC	2.2	U	U	
ALPHA-CHLORDANE	5.2		J	U
AROCLOR-1016	8.1	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	5.7	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.1	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.5	U	U	
BETA-BHC	1.3	U	U	
DELTA-BHC	2.1	U	U	
DIELDRIN	0.79	U	U	
ENDOSULFAN I	1.8	U	U	
ENDOSULFAN II	2.1	U	U	
ENDOSULFAN SULFATE	1.4	U	U	
ENDRIN	1.9	U	U	
ENDRIN ALDEHYDE	2.5	U	U	
ENDRIN KETONE	1.4	U	U	
GAMMA-BHC (LINDANE)	0.93	U	U	
GAMMA-CHLORDANE	1	U	U	
HEPTACHLOR	1.4	U	U	
HEPTACHLOR EPOXIDE	1.4	U	U	
METHOXYCHLOR	2.6	U	U	
TOXAPHENE	37	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.47	U	U	
4,4'-DDE	0.54	U	U	
4,4'-DDT	23		J	CU
ALDRIN	0.57	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.5	U	U	
AROCLOR-1016	8.1	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	5.7	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.2	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.5	U	U	
BETA-BHC	0.64	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.9	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.68	U	U	
ENDRIN	0.97	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.72	U	U	
GAMMA-BHC (LINDANE)	0.47	U	U	
GAMMA-CHLORDANE	0.5	U	U	
HEPTACHLOR	0.72	U	U	
HEPTACHLOR EPOXIDE	0.68	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	19	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.46	U	U	
4,4'-DDE	0.54	U	U	
4,4'-DDT	2.7	I	J	PU
ALDRIN	0.57	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.5	U	U	
AROCLOR-1016	8.1	U	U	
AROCLOR-1221	9.6	U	U	
AROCLOR-1232	5.7	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.1	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.5	U	U	
BETA-BHC	0.64	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.89	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.68	U	UJ	C
ENDRIN	0.96	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.72	U	U	
GAMMA-BHC (LINDANE)	0.46	U	U	
GAMMA-CHLORDANE	0.5	U	U	
HEPTACHLOR	0.72	U	U	
HEPTACHLOR EPOXIDE	0.68	U	U	
METHOXYCHLOR	1.3	U	U	
TOXAPHENE	19	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	PEN46SB2901	nsample	PEN46SB2902	nsample	PEN46SB2903
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-1	lab_id	WV6482-2	lab_id	WV6482-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	95.6	Pct_Solids	93.7	Pct_Solids	94.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.45	U	U	
4,4'-DDE	0.52	U	U	
4,4'-DDT	0.7	U	UJ	C
ALDRIN	0.56	U	U	
ALPHA-BHC	1	U	U	
ALPHA-CHLORDANE	0.49	U	U	
AROCLOR-1016	7.9	U	U	
AROCLOR-1221	9.4	U	U	
AROCLOR-1232	5.5	U	U	
AROCLOR-1242	7	U	U	
AROCLOR-1248	6	U	U	
AROCLOR-1254	13	U	U	
AROCLOR-1260	4.4	U	U	
BETA-BHC	1.8	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.38	U	U	
ENDOSULFAN I	0.87	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.66	U	U	
ENDRIN	0.94	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.7	U	U	
GAMMA-BHC (LINDANE)	0.45	U	U	
GAMMA-CHLORDANE	0.49	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.66	U	U	
METHOXYCHLOR	1.2	U	UJ	C
TOXAPHENE	18	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.46	U	U	
4,4'-DDE	0.53	U	U	
4,4'-DDT	0.71	U	UJ	C
ALDRIN	0.57	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.5	U	U	
AROCLOR-1016	8	U	U	
AROCLOR-1221	9.6	U	U	
AROCLOR-1232	5.6	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.1	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.4	U	U	
BETA-BHC	0.64	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.89	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.68	U	U	
ENDRIN	0.96	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.71	U	U	
GAMMA-BHC (LINDANE)	0.46	U	U	
GAMMA-CHLORDANE	0.5	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.68	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	18	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.46	U	U	
4,4'-DDE	0.53	U	U	
4,4'-DDT	0.7	U	UJ	C
ALDRIN	0.56	U	U	
ALPHA-BHC	1	U	U	
ALPHA-CHLORDANE	0.49	U	U	
AROCLOR-1016	7.9	U	U	
AROCLOR-1221	9.5	U	U	
AROCLOR-1232	5.6	U	U	
AROCLOR-1242	7.1	U	U	
AROCLOR-1248	6	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.4	U	U	
BETA-BHC	0.63	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.88	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.67	U	U	
ENDRIN	0.95	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.7	U	U	
GAMMA-BHC (LINDANE)	0.46	U	U	
GAMMA-CHLORDANE	0.49	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.67	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	18	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	PEN46SB3001	nsample	PEN46SB3001D	nsample	PEN46SB3002
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-4RA	lab_id	WV6482-5	lab_id	WV6482-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	91.6	Pct_Solids	90.2	Pct_Solids	89.8
DUP_OF:		DUP_OF:	PEN46SB3001	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.47	U	U	
4,4'-DDE	0.54	U	U	
4,4'-DDT	0.73	U	UJ	C
ALDRIN	0.58	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.51	U	U	
AROCLOR-1016	8.2	U	U	
AROCLOR-1221	9.8	U	U	
AROCLOR-1232	5.8	U	U	
AROCLOR-1242	7.3	U	U	
AROCLOR-1248	6.2	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.6	U	U	
BETA-BHC	0.65	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.4	U	U	
ENDOSULFAN I	0.91	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.69	U	U	
ENDRIN	0.98	U	U	
ENDRIN ALDEHYDE	1.3	U	U	
ENDRIN KETONE	0.73	U	U	
GAMMA-BHC (LINDANE)	0.47	U	U	
GAMMA-CHLORDANE	0.51	U	U	
HEPTACHLOR	0.73	U	U	
HEPTACHLOR EPOXIDE	0.69	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	19	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.48	U	U	
4,4'-DDE	0.55	U	U	
4,4'-DDT	0.74	U	UJ	C
ALDRIN	0.59	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.52	U	U	
AROCLOR-1016	8.3	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	5.8	U	U	
AROCLOR-1242	7.5	U	U	
AROCLOR-1248	6.3	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.6	U	U	
BETA-BHC	0.66	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	0.41	U	U	
ENDOSULFAN I	0.92	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.7	U	U	
ENDRIN	1	U	U	
ENDRIN ALDEHYDE	1.3	U	U	
ENDRIN KETONE	0.74	U	U	
GAMMA-BHC (LINDANE)	0.48	U	U	
GAMMA-CHLORDANE	0.52	U	U	
HEPTACHLOR	0.74	U	U	
HEPTACHLOR EPOXIDE	0.7	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	36	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.48	U	U	
4,4'-DDE	0.56	U	U	
4,4'-DDT	0.74	U	UJ	C
ALDRIN	0.59	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.52	U	U	
AROCLOR-1016	8.4	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	5.9	U	U	
AROCLOR-1242	7.5	U	U	
AROCLOR-1248	6.4	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.6	U	U	
BETA-BHC	0.67	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	0.41	U	U	
ENDOSULFAN I	0.93	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.7	U	U	
ENDRIN	1	U	U	
ENDRIN ALDEHYDE	1.3	U	U	
ENDRIN KETONE	0.74	U	U	
GAMMA-BHC (LINDANE)	0.48	U	U	
GAMMA-CHLORDANE	0.52	U	U	
HEPTACHLOR	0.74	U	U	
HEPTACHLOR EPOXIDE	0.7	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	37	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	PEN46SB3003	nsample	PEN46SB3101	nsample	PEN46SB3102
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-7	lab_id	WV6482-8	lab_id	WV6482-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	93.0	Pct_Solids	93.8	Pct_Solids	95.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.47	U	U	
4,4'-DDE	0.54	U	U	
4,4'-DDT	0.72	U	UJ	C
ALDRIN	0.57	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.5	U	U	
AROCLOR-1016	8.1	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	5.7	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.2	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	4.5	U	U	
BETA-BHC	0.64	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.9	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.68	U	U	
ENDRIN	0.97	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.72	U	U	
GAMMA-BHC (LINDANE)	0.47	U	U	
GAMMA-CHLORDANE	0.5	U	U	
HEPTACHLOR	0.72	U	U	
HEPTACHLOR EPOXIDE	0.68	U	U	
METHOXYCHLOR	1.3	U	UJ	C
TOXAPHENE	19	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.46	U	U	
4,4'-DDE	0.53	U	U	
4,4'-DDT	0.71	U	U	
ALDRIN	0.57	U	U	
ALPHA-BHC	1.1	U	U	
ALPHA-CHLORDANE	0.5	U	U	
AROCLOR-1016	8	U	U	
AROCLOR-1221	9.6	U	U	
AROCLOR-1232	5.6	U	U	
AROCLOR-1242	7.2	U	U	
AROCLOR-1248	6.1	U	U	
AROCLOR-1254	14	U	U	
AROCLOR-1260	360			
BETA-BHC	0.64	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.39	U	U	
ENDOSULFAN I	0.89	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.68	U	UJ	C
ENDRIN	0.96	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.71	U	U	
GAMMA-BHC (LINDANE)	0.46	U	U	
GAMMA-CHLORDANE	0.5	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.68	U	U	
METHOXYCHLOR	1.3	U	U	
TOXAPHENE	18	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	3.4	U	U	
4,4'-DDE	0.52	U	U	
4,4'-DDT	3.4	U	UJ	C
ALDRIN	0.56	U	U	
ALPHA-BHC	1	U	U	
ALPHA-CHLORDANE	0.49	U	U	
AROCLOR-1016	7.9	U	U	
AROCLOR-1221	9.4	U	U	
AROCLOR-1232	5.5	U	U	
AROCLOR-1242	7	U	U	
AROCLOR-1248	6	U	U	
AROCLOR-1254	13	U	U	
AROCLOR-1260	50			
BETA-BHC	0.63	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	3.4	U	U	
ENDOSULFAN I	0.87	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.66	U	U	
ENDRIN	0.94	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	3.4	U	U	
GAMMA-BHC (LINDANE)	0.45	U	U	
GAMMA-CHLORDANE	0.49	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.66	U	U	
METHOXYCHLOR	1.2	U	UJ	C
TOXAPHENE	34	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-10
qc_type	NM
units	UG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.45	U	U	
4,4'-DDE	0.52	U	U	
4,4'-DDT	0.7	U	UJ	C
ALDRIN	0.56	U	U	
ALPHA-BHC	1	U	U	
ALPHA-CHLORDANE	0.49	U	U	
AROCLOR-1016	7.9	U	U	
AROCLOR-1221	9.4	U	U	
AROCLOR-1232	5.5	U	U	
AROCLOR-1242	7	U	U	
AROCLOR-1248	6	U	U	
AROCLOR-1254	13	U	U	
AROCLOR-1260	28			
BETA-BHC	0.63	U	U	
DELTA-BHC	1	U	U	
DIELDRIN	0.38	U	U	
ENDOSULFAN I	0.87	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.66	U	U	
ENDRIN	0.94	U	U	
ENDRIN ALDEHYDE	1.2	U	U	
ENDRIN KETONE	0.7	U	U	
GAMMA-BHC (LINDANE)	0.45	U	U	
GAMMA-CHLORDANE	0.49	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.66	U	U	
METHOXYCHLOR	1.2	U	UJ	C
TOXAPHENE	18	U	U	

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: PET

nsample	PEN46RB1202
samp_date	12/2/2005
lab_id	WV6482-14
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	310	I	J	P

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PET

nsample	PEN45SB2501	nsample	PEN45SB2502	nsample	PEN45SB2503
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-11DL	lab_id	WV6482-12	lab_id	WV6482-13
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	93.0	Pct_Solids	92.9	Pct_Solids	93.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	400	V		

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	V		

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	120	V		

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PET

nsample	PEN46SB2901	nsample	PEN46SB2902	nsample	PEN46SB2903
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-1	lab_id	WV6482-2	lab_id	WV6482-3
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	95.6	Pct_Solids	93.7	Pct_Solids	94.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	44	V	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	48	V	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	18	IV	U	A

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PET

nsample	PEN46SB3001	nsample	PEN46SB3001D	nsample	PEN46SB3002
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-4	lab_id	WV6482-5	lab_id	WV6482-6
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	91.6	Pct_Solids	90.2	Pct_Solids	89.8
DUP_OF:		DUP_OF:	PEN46SB3001	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	20	IV	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	36	V	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	26	V	U	A

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PET

nsample	PEN46SB3003	nsample	PEN46SB3101	nsample	PEN46SB3102
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-7	lab_id	WV6482-8RA	lab_id	WV6482-9RA
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	93.0	Pct_Solids	93.8	Pct_Solids	95.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	30	V	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	110	V		

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	59	V	U	A

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: PET

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-10
qc_type	NM
units	MG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	30	V	U	A

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 17:40
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	U	5	1.0	25	29	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	4	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	29	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	29	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		J 53%				
460-00-4	P-Bromofluorobenzene		J 30%				
1868-53-7	Dibromofluoromethane		J 52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 14-DEC-2005 15:18
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11RA
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	U	5	1.0	25	29	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	U	2	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	29	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	29	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		J 58%				
460-00-4	P-Bromofluorobenzene		J 34%				
1868-53-7	Dibromofluoromethane		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 15-DEC-2005 13:58
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12RA2
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23918
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	19	1.0	25	28	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	V	14	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	4	1.0	25	28	4
67-66-3	Chloroform	U	0.9	1.0	5	6	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	6	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	6	3
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	6	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	4	1.0	25	28	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		62%				
1868-53-7	Dibromofluoromethane		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 18:53
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	26	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	10	10	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	26	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	26	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	26	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		84%				
2037-26-5	Toluene-D8		J 28%				
460-00-4	P-Bromofluorobenzene		J 32%				
1868-53-7	Dibromofluoromethane		59%				

Sample Data Summary A0000020

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 14-DEC-2005 16:31
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13RA
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	26	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	10	10	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	26	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	26	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	26	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		70%				
460-00-4	P-Bromofluorobenzene		43%				
1868-53-7	Dibromofluoromethane		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 09-DEC-2005 16:44
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 0.0800

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1200	1.0	5	6100	1200
75-01-4	Vinyl chloride	U	2200	1.0	5	6100	2200
74-83-9	Bromomethane	U	2400	1.0	5	6100	2400
75-00-3	Chloroethane	U	1800	1.0	5	6100	1800
75-35-4	1,1-Dichloroethene	U	1200	1.0	5	6100	1200
67-64-1	Acetone	I	26000	1.0	25	31000	5100
75-15-0	Carbon Disulfide	U	1800	1.0	5	6100	1800
75-09-2	Methylene Chloride	U	2400	1.0	10	12000	2400
75-34-3	1,1-Dichloroethane	U	1300	1.0	5	6100	1300
540-59-0	1,2-Dichloroethylene (total)	U	1900	1.0	10	12000	1900
78-93-3	2-Butanone	U	3900	1.0	25	31000	3900
67-66-3	Chloroform	U	1000	1.0	5	6100	1000
71-55-6	1,1,1-Trichloroethane	U	1600	1.0	5	6100	1600
56-23-5	Carbon Tetrachloride	U	3700	1.0	5	6100	3700
71-43-2	Benzene	U	1000	1.0	5	6100	1000
107-06-2	1,2-Dichloroethane	U	720	1.0	5	6100	720
79-01-6	Trichloroethene		150000	1.0	5	6100	940
78-87-5	1,2-Dichloropropane	U	890	1.0	5	6100	890
75-27-4	Bromodichloromethane	U	640	1.0	5	6100	640
10061-01-5	cis-1,3-dichloropropene	U	400	1.0	5	6100	400
108-10-1	4-methyl-2-pentanone	U	5200	1.0	25	31000	5200
108-88-3	Toluene	U	1100	1.0	5	6100	1100
10061-02-6	trans-1,3-Dichloropropene	U	690	1.0	5	6100	690
79-00-5	1,1,2-Trichloroethane	U	930	1.0	5	6100	930
127-18-4	Tetrachloroethene	U	1500	1.0	5	6100	1500
591-78-6	2-Hexanone	U	5000	1.0	25	31000	5000
124-48-1	Dibromochloromethane	U	640	1.0	5	6100	640
106-93-4	1,2-Dibromoethane	U	560	1.0	5	6100	560
108-90-7	Chlorobenzene	U	810	1.0	5	6100	810
100-41-4	Ethylbenzene	U	930	1.0	5	6100	930
1330-20-7	Xylenes (total)	U	2300	1.0	15	18000	2300
100-42-5	Styrene	U	390	1.0	5	6100	390
75-25-2	Bromoform	U	740	1.0	5	6100	740
79-34-5	1,1,2,2-Tetrachloroethane	U	1400	1.0	5	6100	1400
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		72%				
460-00-4	P-Bromofluorobenzene		53%				
1868-53-7	Dibromofluoromethane		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 12-DEC-2005 17:23
Report Date: 01/11/2006
Matrix: SOIL
% Solids: 0.0800

Lab ID: WV6482-1RA
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1200	1.0	5	6100	1200
75-01-4	Vinyl chloride	U	2200	1.0	5	6100	2200
74-83-9	Bromomethane	U	2400	1.0	5	6100	2400
75-00-3	Chloroethane	U	1800	1.0	5	6100	1800
75-35-4	1,1-Dichloroethene	U	1200	1.0	5	6100	1200
67-64-1	Acetone	I	8800	1.0	25	31000	5100
75-15-0	Carbon Disulfide	U	1800	1.0	5	6100	1800
75-09-2	Methylene Chloride	I	3800	1.0	10	12000	2400
75-34-3	1,1-Dichloroethane	U	1300	1.0	5	6100	1300
540-59-0	1,2-Dichloroethylene (total)	U	1900	1.0	10	12000	1900
78-93-3	2-Butanone	U	3900	1.0	25	31000	3900
67-66-3	Chloroform	U	1000	1.0	5	6100	1000
71-55-6	1,1,1-Trichloroethane	U	1600	1.0	5	6100	1600
56-23-5	Carbon Tetrachloride	U	3700	1.0	5	6100	3700
71-43-2	Benzene	U	1000	1.0	5	6100	1000
107-06-2	1,2-Dichloroethane	U	720	1.0	5	6100	720
79-01-6	Trichloroethene		81000	1.0	5	6100	940
78-87-5	1,2-Dichloropropane	U	890	1.0	5	6100	890
75-27-4	Bromodichloromethane	U	640	1.0	5	6100	640
10061-01-5	cis-1,3-dichloropropene	U	400	1.0	5	6100	400
108-10-1	4-methyl-2-pentanone	U	5200	1.0	25	31000	5200
108-88-3	Toluene	U	1100	1.0	5	6100	1100
10061-02-6	trans-1,3-Dichloropropene	U	690	1.0	5	6100	690
79-00-5	1,1,2-Trichloroethane	U	930	1.0	5	6100	930
127-18-4	Tetrachloroethene	U	1500	1.0	5	6100	1500
591-78-6	2-Hexanone	U	5000	1.0	25	31000	5000
124-48-1	Dibromochloromethane	U	640	1.0	5	6100	640
106-93-4	1,2-Dibromoethane	U	560	1.0	5	6100	560
108-90-7	Chlorobenzene	U	810	1.0	5	6100	810
100-41-4	Ethylbenzene	U	930	1.0	5	6100	930
1330-20-7	Xylenes (total)	U	2300	1.0	15	18000	2300
100-42-5	Styrene	U	390	1.0	5	6100	390
75-25-2	Bromoform	U	740	1.0	5	6100	740
79-34-5	1,1,2,2-Tetrachloroethane	U	1400	1.0	5	6100	1400
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		70%				
460-00-4	P-Bromofluorobenzene		49%				
1868-53-7	Dibromofluoromethane		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 09-DEC-2005 17:21
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	19	1.0	25	28	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	2	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	4	1.0	25	28	4
67-66-3	Chloroform	U	0.9	1.0	5	6	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	6	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	6	3
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	6	0.6
79-01-6	Trichloroethene		74	1.0	5	6	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	6	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	4	1.0	25	28	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		68%				
460-00-4	P-Bromofluorobenzene		46%				
1868-53-7	Dibromofluoromethane		J 4%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 12-DEC-2005 17:59
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2RA
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	11	1.0	25	29	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	3	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	29	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene		83	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	29	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		52%				
1868-53-7	Dibromofluoromethane		J 2%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 09-DEC-2005 17:57
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1.0	1.0	5	5	1.0
67-64-1	Acetone	I	9	1.0	25	25	4
75-15-0	Carbon Disulfide	U	1	1.0	5	5	1
75-09-2	Methylene Chloride	U	2	1.0	10	10	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene		19	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		122%				
2037-26-5	Toluene-D8		84%				
460-00-4	P-Bromofluorobenzene		73%				
1868-53-7	Dibromofluoromethane		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 12-DEC-2005 18:36
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4RA
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	13	1.0	25	30	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	7	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	30	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.9	1.0	5	6	0.9
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	30	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.7	1.0	5	6	0.7
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	30	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		76%				
460-00-4	P-Bromofluorobenzene		74%				
1868-53-7	Dibromofluoromethane		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 14:37
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5RA2
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	12	1.0	25	29	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	7	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	29	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.9	1.0	5	6	0.9
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.7	1.0	5	6	0.7
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	29	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		90%				
460-00-4	P-Bromofluorobenzene		94%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 15:13
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6RA
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	9	1.0	25	30	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	3	1.0	10	12	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	12	2
78-93-3	2-Butanone	U	4	1.0	25	30	4
67-66-3	Chloroform	U	1.0	1.0	5	6	1.0
71-55-6	1,1,1-Trichloroethane	U	2	1.0	5	6	2
56-23-5	Carbon Tetrachloride	U	4	1.0	5	6	4
71-43-2	Benzene	U	1.0	1.0	5	6	1.0
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	6	0.7
79-01-6	Trichloroethene	U	0.9	1.0	5	6	0.9
78-87-5	1,2-Dichloropropane	U	0.9	1.0	5	6	0.9
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	30	5
108-88-3	Toluene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	0.7	1.0	5	6	0.7
79-00-5	1,1,2-Trichloroethane	U	0.9	1.0	5	6	0.9
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	5	1.0	25	30	5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.8	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	0.9	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		77%				
460-00-4	P-Bromofluorobenzene		78%				
1868-53-7	Dibromofluoromethane		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 12-DEC-2005 20:26
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	27	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	5	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	3	1.0	25	27	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	I	3	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	27	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	27	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	5	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		83%				
460-00-4	P-Bromofluorobenzene		58%				
1868-53-7	Dibromofluoromethane		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 12-DEC-2005 21:03
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	I	22	1.0	25	26	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	3	1.0	10	10	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	26	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene		11	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	26	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene		6	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	26	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		62%				
460-00-4	P-Bromofluorobenzene		40%				
1868-53-7	Dibromofluoromethane		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 14-DEC-2005 14:05
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8RA2
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	18	1.0	25	28	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	U	2	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	3	1.0	25	28	3
67-66-3	Chloroform	U	0.9	1.0	5	6	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	6	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	6	3
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	6	0.6
79-01-6	Trichloroethene		7	1.0	5	6	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	6	0.8
127-18-4	Tetrachloroethene	I	3	1.0	5	6	1
591-78-6	2-Hexanone	U	4	1.0	25	28	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		72%				
460-00-4	P-Bromofluorobenzene		46%				
1868-53-7	Dibromofluoromethane		J 9%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 16:27
Report Date: 01/11/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9RA
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	I	19	1.0	25	27	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	5	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	3	1.0	25	27	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene		17	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	27	5
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene		6	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	27	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	5	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		73%				
460-00-4	P-Bromofluorobenzene		57%				
1868-53-7	Dibromofluoromethane		J 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 14-DEC-2005 14:41
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9RA2
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	I	16	1.0	25	27	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	6	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	3	1.0	25	27	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene		6	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	27	5
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	I	2	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	27	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	5	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		120%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		88%				
1868-53-7	Dibromofluoromethane		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 13-DEC-2005 17:04
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10RA
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	2	1.0	5	5	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	I	10	1.0	25	27	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	4	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	3	1.0	25	27	3
67-66-3	Chloroform	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.9	1.0	5	5	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene		18	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	27	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene		9	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	27	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	5	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		72%				
460-00-4	P-Bromofluorobenzene		52%				
1868-53-7	Dibromofluoromethane		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 15-DEC-2005 15:32
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG23923
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		21	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	IJ	4	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 09-DEC-2005 16:13
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-15
Client ID: PEN46TB1202
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23738
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J137%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 19:19
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-29
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		10	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	I	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J124%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 19:52
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-30
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		8	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride		2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J123%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 20-DEC-2005 13:24
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-31
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		7	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride		7	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene		3	1.0	1	1	0.2
1330-20-7	Xylenes (total)		21	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		108%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 13:50
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-19
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		12	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform		17	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		4	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)		10	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		113%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 14:23
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-20
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		12	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform		1	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		13	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	I	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	I	0.3	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	1.0	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		118%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 14:57
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-21
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		8	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	I	0.6	1.0	1	1	0.2
1330-20-7	Xylenes (total)		3	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		119%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 15:29
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-22
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		6	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)		12	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		107%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 16:02
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-23
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	1.0	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		103%				
1868-53-7	Dibromofluoromethane		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 16:34
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-24
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		6	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	I	0.3	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	2	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		115%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 17:07
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-25
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		14	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	I	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene		1	1.0	1	1	0.2
1330-20-7	Xylenes (total)		6	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J122%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		108%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 17:40
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-26
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		45	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	I	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	I	0.8	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		115%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 18:13
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-27
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		20	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride		4	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		2	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J121%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 19-DEC-2005 18:46
Report Date: 01/05/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-28
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		8	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	I	0.5	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J120%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		105%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 09-JAN-2006 20:55
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	97	1.0	330	350	97
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	350	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	350	46
95-48-7	2-Methylphenol	U	150	1.0	330	350	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	80	1.0	330	350	80
78-59-1	Isophorone	U	56	1.0	330	350	56
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	350	130
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	350	52
88-74-4	2-Nitroaniline	U	80	1.0	820	880	80
131-11-3	Dimethyl Phthalate	U	67	1.0	330	350	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	350	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	350	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	350	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 09-JAN-2006 20:55
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	I	130	1.0	330	350	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate		1200	1.0	330	350	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	350	79
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		J110%				
1718-51-0	Terphenyl-D14		J115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 11-JAN-2006 20:26
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11RA
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	97	1.0	330	350	97
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	350	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	350	46
95-48-7	2-Methylphenol	U	150	1.0	330	350	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	80	1.0	330	350	80
78-59-1	Isophorone	U	56	1.0	330	350	56
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	350	130
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	350	52
88-74-4	2-Nitroaniline	U	80	1.0	820	880	80
131-11-3	Dimethyl Phthalate	U	67	1.0	330	350	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	350	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	350	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	350	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

Sample Data Summary A0000174

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 11-JAN-2006 20:26
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11RA
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	I	190	1.0	330	350	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate		1700	1.0	330	350	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	350	79
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		76%				
1718-51-0	Terphenyl-D14		J145%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 21:44
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	360	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	360	35
95-57-8	2-Chlorophenol	U	97	1.0	330	360	97
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	360	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	360	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	360	46
95-48-7	2-Methylphenol	U	150	1.0	330	360	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	360	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	360	60
106-44-5	4-Methylphenol	U	160	1.0	330	360	160
67-72-1	Hexachloroethane	U	65	1.0	330	360	65
98-95-3	Nitrobenzene	U	80	1.0	330	360	80
78-59-1	Isophorone	U	56	1.0	330	360	56
88-75-5	2-Nitrophenol	U	120	1.0	330	360	120
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	360	130
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	360	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	360	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	360	47
106-47-8	4-Chloroaniline	U	58	1.0	330	360	58
87-68-3	Hexachlorobutadiene	U	47	1.0	330	360	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	360	130
77-47-4	Hexachlorocyclopentadiene	U	81	1.0	330	360	81
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	360	130
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	360	52
88-74-4	2-Nitroaniline	U	81	1.0	820	880	81
131-11-3	Dimethyl Phthalate	U	67	1.0	330	360	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	360	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	360	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	360	100
84-66-2	Diethylphthalate	U	110	1.0	330	360	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	360	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	360	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	360	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	360	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	65	1.0	330	360	65
84-74-2	Di-n-butylphthalate	U	90	1.0	330	360	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 21:44
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	I	110	1.0	330	360	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	360	140
117-81-7	bis(2-Ethylhexyl)phthalate	I	240	1.0	330	360	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	360	79
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		74%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		J103%				
1718-51-0	Terphenyl-D14		J127%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 11-JAN-2006 19:38
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12RA
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	360	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	360	35
95-57-8	2-Chlorophenol	U	97	1.0	330	360	97
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	360	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	360	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	360	46
95-48-7	2-Methylphenol	U	150	1.0	330	360	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	360	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	360	60
106-44-5	4-Methylphenol	U	160	1.0	330	360	160
67-72-1	Hexachloroethane	U	65	1.0	330	360	65
98-95-3	Nitrobenzene	U	80	1.0	330	360	80
78-59-1	Isophorone	U	56	1.0	330	360	56
88-75-5	2-Nitrophenol	U	120	1.0	330	360	120
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	360	130
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	360	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	360	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	360	47
106-47-8	4-Chloroaniline	U	58	1.0	330	360	58
87-68-3	Hexachlorobutadiene	U	47	1.0	330	360	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	360	130
77-47-4	Hexachlorocyclopentadiene	U	81	1.0	330	360	81
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	360	130
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	360	52
88-74-4	2-Nitroaniline	U	81	1.0	820	880	81
131-11-3	Dimethyl Phthalate	U	67	1.0	330	360	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	360	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	360	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	360	100
84-66-2	Diethylphthalate	U	110	1.0	330	360	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	360	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	360	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	360	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	360	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	65	1.0	330	360	65
84-74-2	Di-n-butylphthalate	U	90	1.0	330	360	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 11-JAN-2006 19:38
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12RA
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	I	110	1.0	330	360	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	360	140
117-81-7	bis(2-Ethylhexyl)phthalate	I	250	1.0	330	360	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	360	79
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		71%				
321-60-8	2-Fluorobiphenyl		85%				
118-79-6	2,4,6-Tribromophenol		75%				
1718-51-0	Terphenyl-D14		J129%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 22:32
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	96	1.0	330	350	96
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	350	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	350	46
95-48-7	2-Methylphenol	U	140	1.0	330	350	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	80	1.0	330	350	80
78-59-1	Isophorone	U	56	1.0	330	350	56
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	350	120
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	350	52
88-74-4	2-Nitroaniline	U	80	1.0	820	880	80
131-11-3	Dimethyl Phthalate	U	67	1.0	330	350	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	350	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	350	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	350	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 09-JAN-2006 22:32
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	73	1.0	330	350	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	80	1.0	330	350	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	350	79
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		76%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		J133%				
1718-51-0	Terphenyl-D14		J127%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 21:30
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol		360	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone	U	54	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	52	1.0	330	340	52
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	U	88	1.0	330	340	88

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 21:30
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	71	1.0	330	340	71
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	340	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	78	1.0	330	340	78
117-84-0	Di-n-octylphthalate	U	77	1.0	330	340	77
367-12-4	2-Fluorophenol		J 31%				
13127-88-3	Phenol-D6		74%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		94%				
118-79-6	2,4,6-Tribromophenol		J 24%				
1718-51-0	Terphenyl-D14		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/12/06
Analysis Date: 12-JAN-2006 19:44
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1RE
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	I	290	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone		520	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	52	1.0	330	340	52
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	U	88	1.0	330	340	88

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/12/06
Analysis Date: 12-JAN-2006 19:44
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1RE
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	71	1.0	330	340	71
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	340	140
117-81-7	bis(2-Ethylhexyl)phthalate	I	79	1.0	330	340	78
117-84-0	Di-n-octylphthalate	U	77	1.0	330	340	77
367-12-4	2-Fluorophenol		J 10%				
13127-88-3	Phenol-D6		38%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		98%				
118-79-6	2,4,6-Tribromophenol		J 15%				
1718-51-0	Terphenyl-D14		J163%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 22:18
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	96	1.0	330	350	96
541-73-1	1,3-Dichlorobenzene	U	56	1.0	330	350	56
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	350	45
95-48-7	2-Methylphenol	U	140	1.0	330	350	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	79	1.0	330	350	79
78-59-1	Isophorone	U	55	1.0	330	350	55
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	350	120
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	870	190
91-58-7	2-Chloronaphthalene	U	51	1.0	330	350	51
88-74-4	2-Nitroaniline	U	80	1.0	820	870	80
131-11-3	Dimethyl Phthalate	U	66	1.0	330	350	66
606-20-2	2,6-Dinitrotoluene	U	82	1.0	330	350	82
99-09-2	3-Nitroaniline	U	76	1.0	820	870	76
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	870	66
132-64-9	Dibenzofuran	U	66	1.0	330	350	66
100-02-7	4-Nitrophenol	U	160	1.0	820	870	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	870	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	870	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	59	1.0	330	350	59
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	870	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 22:18
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	72	1.0	330	350	72
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	79	1.0	330	350	79
117-84-0	Di-n-octylphthalate	U	78	1.0	330	350	78
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		58%				
4165-60-0	Nitrobenzene-D5		53%				
321-60-8	2-Fluorobiphenyl		54%				
118-79-6	2,4,6-Tribromophenol		J 31%				
1718-51-0	Terphenyl-D14		J 53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 20:31
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2RE
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	96	1.0	330	350	96
541-73-1	1,3-Dichlorobenzene	U	56	1.0	330	350	56
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	350	45
95-48-7	2-Methylphenol	U	140	1.0	330	350	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	79	1.0	330	350	79
78-59-1	Isophorone	U	55	1.0	330	350	55
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	350	120
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	870	190
91-58-7	2-Chloronaphthalene	U	51	1.0	330	350	51
88-74-4	2-Nitroaniline	U	80	1.0	820	870	80
131-11-3	Dimethyl Phthalate	U	66	1.0	330	350	66
606-20-2	2,6-Dinitrotoluene	U	82	1.0	330	350	82
99-09-2	3-Nitroaniline	U	76	1.0	820	870	76
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	870	66
132-64-9	Dibenzofuran	U	66	1.0	330	350	66
100-02-7	4-Nitrophenol	U	160	1.0	820	870	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	870	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	870	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	59	1.0	330	350	59
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	870	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 20:31
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2RE
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	72	1.0	330	350	72
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	79	1.0	330	350	79
117-84-0	Di-n-octylphthalate	U	78	1.0	330	350	78
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		75%				
4165-60-0	Nitrobenzene-D5		73%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		J 36%				
1718-51-0	Terphenyl-D14		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 23:08
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	96	1.0	330	350	96
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	95	1.0	330	350	95
541-73-1	1,3-Dichlorobenzene	U	56	1.0	330	350	56
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	350	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	350	45
95-48-7	2-Methylphenol	U	140	1.0	330	350	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	350	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	350	59
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	64	1.0	330	350	64
98-95-3	Nitrobenzene	U	78	1.0	330	350	78
78-59-1	Isophorone	U	55	1.0	330	350	55
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	350	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	350	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	350	46
106-47-8	4-Chloroaniline	U	56	1.0	330	350	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	350	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	350	120
77-47-4	Hexachlorocyclopentadiene	U	79	1.0	330	350	79
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	51	1.0	330	350	51
88-74-4	2-Nitroaniline	U	79	1.0	820	860	79
131-11-3	Dimethyl Phthalate	U	66	1.0	330	350	66
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	350	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	350	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	53	1.0	330	350	53
100-01-6	4-Nitroaniline	U	73	1.0	820	860	73
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	76	1.0	330	350	76
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	350	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	350	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	350	63
84-74-2	Di-n-butylphthalate	U	89	1.0	330	350	89

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 30-DEC-2005 23:08
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	72	1.0	330	350	72
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	78	1.0	330	350	78
117-84-0	Di-n-octylphthalate	U	78	1.0	330	350	78
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		84%				
4165-60-0	Nitrobenzene-D5		70%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		57%				
1718-51-0	Terphenyl-D14		J 74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 07-JAN-2006 22:24
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	100	1.0	330	360	100
111-44-4	Bis(2-Chloroethyl)ether	U	36	1.0	330	360	36
95-57-8	2-Chlorophenol	U	98	1.0	330	360	98
541-73-1	1,3-Dichlorobenzene	U	58	1.0	330	360	58
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	360	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	360	46
95-48-7	2-Methylphenol	U	150	1.0	330	360	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	360	33
621-64-7	N-Nitroso-di-n-propylamine	U	61	1.0	330	360	61
106-44-5	4-Methylphenol	U	160	1.0	330	360	160
67-72-1	Hexachloroethane	U	66	1.0	330	360	66
98-95-3	Nitrobenzene	U	81	1.0	330	360	81
78-59-1	Isophorone	U	57	1.0	330	360	57
88-75-5	2-Nitrophenol	U	120	1.0	330	360	120
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	360	130
111-91-1	Bis(2-Chloroethoxy)methane	U	57	1.0	330	360	57
120-83-2	2,4-Dichlorophenol	U	150	1.0	330	360	150
120-82-1	1,2,4-Trichlorobenzene	U	48	1.0	330	360	48
106-47-8	4-Chloroaniline	U	58	1.0	330	360	58
87-68-3	Hexachlorobutadiene	U	48	1.0	330	360	48
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	360	130
77-47-4	Hexachlorocyclopentadiene	U	82	1.0	330	360	82
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	360	130
95-95-4	2,4,5-Trichlorophenol	U	200	1.0	820	900	200
91-58-7	2-Chloronaphthalene	U	53	1.0	330	360	53
88-74-4	2-Nitroaniline	U	82	1.0	820	900	82
131-11-3	Dimethyl Phthalate	U	68	1.0	330	360	68
606-20-2	2,6-Dinitrotoluene	U	84	1.0	330	360	84
99-09-2	3-Nitroaniline	U	78	1.0	820	900	78
51-28-5	2,4-Dinitrophenol	U	67	1.0	820	900	67
132-64-9	Dibenzofuran	U	68	1.0	330	360	68
100-02-7	4-Nitrophenol	U	170	1.0	820	900	170
121-14-2	2,4-Dinitrotoluene	U	110	1.0	330	360	110
84-66-2	Diethylphthalate	U	110	1.0	330	360	110
7005-72-3	4-Chlorophenyl-phenylether	U	55	1.0	330	360	55
100-01-6	4-Nitroaniline	U	76	1.0	820	900	76
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	900	130
86-30-6	N-Nitrosodiphenylamine	U	78	1.0	330	360	78
101-55-3	4-Bromophenyl-phenylether	U	61	1.0	330	360	61
118-74-1	Hexachlorobenzene	U	250	1.0	330	360	250
87-86-5	Pentachlorophenol	U	150	1.0	820	900	150
86-74-8	Carbazole	U	66	1.0	330	360	66
84-74-2	Di-n-butylphthalate	U	92	1.0	330	360	92

Sample Data Summary A0000156

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 07-JAN-2006 22:24
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	74	1.0	330	360	74
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	360	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	81	1.0	330	360	81
117-84-0	Di-n-octylphthalate	U	80	1.0	330	360	80
367-12-4	2-Fluorophenol		75%				
13127-88-3	Phenol-D6		80%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		89%				
118-79-6	2,4,6-Tribromophenol		J118%				
1718-51-0	Terphenyl-D14		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 20:33
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	100	1.0	330	360	100
111-44-4	Bis(2-Chloroethyl)ether	U	36	1.0	330	360	36
95-57-8	2-Chlorophenol	U	100	1.0	330	360	100
541-73-1	1,3-Dichlorobenzene	U	58	1.0	330	360	58
106-46-7	1,4-Dichlorobenzene	U	28	1.0	330	360	28
95-50-1	1,2-Dichlorobenzene	U	47	1.0	330	360	47
95-48-7	2-Methylphenol	U	150	1.0	330	360	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	34	1.0	330	360	34
621-64-7	N-Nitroso-di-n-propylamine	U	62	1.0	330	360	62
106-44-5	4-Methylphenol	U	170	1.0	330	360	170
67-72-1	Hexachloroethane	U	67	1.0	330	360	67
98-95-3	Nitrobenzene	U	82	1.0	330	360	82
78-59-1	Isophorone	U	58	1.0	330	360	58
88-75-5	2-Nitrophenol	U	120	1.0	330	360	120
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	360	130
111-91-1	Bis(2-Chloroethoxy)methane	U	58	1.0	330	360	58
120-83-2	2,4-Dichlorophenol	U	150	1.0	330	360	150
120-82-1	1,2,4-Trichlorobenzene	U	48	1.0	330	360	48
106-47-8	4-Chloroaniline	U	59	1.0	330	360	59
87-68-3	Hexachlorobutadiene	U	48	1.0	330	360	48
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	360	130
77-47-4	Hexachlorocyclopentadiene	U	83	1.0	330	360	83
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	360	130
95-95-4	2,4,5-Trichlorophenol	U	200	1.0	820	910	200
91-58-7	2-Chloronaphthalene	U	53	1.0	330	360	53
88-74-4	2-Nitroaniline	U	83	1.0	820	910	83
131-11-3	Dimethyl Phthalate	U	69	1.0	330	360	69
606-20-2	2,6-Dinitrotoluene	U	86	1.0	330	360	86
99-09-2	3-Nitroaniline	U	79	1.0	820	910	79
51-28-5	2,4-Dinitrophenol	U	68	1.0	820	910	68
132-64-9	Dibenzofuran	U	69	1.0	330	360	69
100-02-7	4-Nitrophenol	U	170	1.0	820	910	170
121-14-2	2,4-Dinitrotoluene	U	110	1.0	330	360	110
84-66-2	Diethylphthalate	U	110	1.0	330	360	110
7005-72-3	4-Chlorophenyl-phenylether	U	56	1.0	330	360	56
100-01-6	4-Nitroaniline	U	77	1.0	820	910	77
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	910	130
86-30-6	N-Nitrosodiphenylamine	U	80	1.0	330	360	80
101-55-3	4-Bromophenyl-phenylether	U	62	1.0	330	360	62
118-74-1	Hexachlorobenzene	U	260	1.0	330	360	260
87-86-5	Pentachlorophenol	U	160	1.0	820	910	160
86-74-8	Carbazole	U	67	1.0	330	360	67
84-74-2	Di-n-butylphthalate	U	93	1.0	330	360	93

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 20:33
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	75	1.0	330	360	75
91-94-1	3,3'-Dichlorobenzidine	U	150	1.0	330	360	150
117-81-7	bis(2-Ethylhexyl)phthalate	U	82	1.0	330	360	82
117-84-0	Di-n-octylphthalate	U	82	1.0	330	360	82
367-12-4	2-Fluorophenol		74%				
13127-88-3	Phenol-D6		78%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		84%				
118-79-6	2,4,6-Tribromophenol		J102%				
1718-51-0	Terphenyl-D14		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 21:22
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	100	1.0	330	370	100
111-44-4	Bis(2-Chloroethyl)ether	U	37	1.0	330	370	37
95-57-8	2-Chlorophenol	U	100	1.0	330	370	100
541-73-1	1,3-Dichlorobenzene	U	59	1.0	330	370	59
106-46-7	1,4-Dichlorobenzene	U	28	1.0	330	370	28
95-50-1	1,2-Dichlorobenzene	U	47	1.0	330	370	47
95-48-7	2-Methylphenol	U	150	1.0	330	370	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	34	1.0	330	370	34
621-64-7	N-Nitroso-di-n-propylamine	U	63	1.0	330	370	63
106-44-5	4-Methylphenol	U	170	1.0	330	370	170
67-72-1	Hexachloroethane	U	68	1.0	330	370	68
98-95-3	Nitrobenzene	U	83	1.0	330	370	83
78-59-1	Isophorone	U	58	1.0	330	370	58
88-75-5	2-Nitrophenol	U	120	1.0	330	370	120
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	370	130
111-91-1	Bis(2-Chloroethoxy)methane	U	58	1.0	330	370	58
120-83-2	2,4-Dichlorophenol	U	150	1.0	330	370	150
120-82-1	1,2,4-Trichlorobenzene	U	49	1.0	330	370	49
106-47-8	4-Chloroaniline	U	59	1.0	330	370	59
87-68-3	Hexachlorobutadiene	U	49	1.0	330	370	49
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	370	130
77-47-4	Hexachlorocyclopentadiene	U	83	1.0	330	370	83
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	370	130
95-95-4	2,4,5-Trichlorophenol	U	200	1.0	820	910	200
91-58-7	2-Chloronaphthalene	U	54	1.0	330	370	54
88-74-4	2-Nitroaniline	U	83	1.0	820	910	83
131-11-3	Dimethyl Phthalate	U	69	1.0	330	370	69
606-20-2	2,6-Dinitrotoluene	U	86	1.0	330	370	86
99-09-2	3-Nitroaniline	U	80	1.0	820	910	80
51-28-5	2,4-Dinitrophenol	U	69	1.0	820	910	69
132-64-9	Dibenzofuran	U	69	1.0	330	370	69
100-02-7	4-Nitrophenol	U	170	1.0	820	910	170
121-14-2	2,4-Dinitrotoluene	U	110	1.0	330	370	110
84-66-2	Diethylphthalate	U	120	1.0	330	370	120
7005-72-3	4-Chlorophenyl-phenylether	U	56	1.0	330	370	56
100-01-6	4-Nitroaniline	U	77	1.0	820	910	77
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	910	130
86-30-6	N-Nitrosodiphenylamine	U	80	1.0	330	370	80
101-55-3	4-Bromophenyl-phenylether	U	62	1.0	330	370	62
118-74-1	Hexachlorobenzene	U	260	1.0	330	370	260
87-86-5	Pentachlorophenol	U	160	1.0	820	910	160
86-74-8	Carbazole	U	67	1.0	330	370	67
84-74-2	Di-n-butylphthalate	U	94	1.0	330	370	94

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 21:22
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	76	1.0	330	370	76
91-94-1	3,3'-Dichlorobenzidine	U	150	1.0	330	370	150
117-81-7	bis(2-Ethylhexyl)phthalate	U	83	1.0	330	370	83
117-84-0	Di-n-octylphthalate	U	82	1.0	330	370	82
367-12-4	2-Fluorophenol		76%				
13127-88-3	Phenol-D6		79%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		99%				
1718-51-0	Terphenyl-D14		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 22:11
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	97	1.0	330	350	97
541-73-1	1,3-Dichlorobenzene	U	57	1.0	330	350	57
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	46	1.0	330	350	46
95-48-7	2-Methylphenol	U	150	1.0	330	350	150
108-60-1	2,2'-Oxybis(1-chloropropane)	U	33	1.0	330	350	33
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	80	1.0	330	350	80
78-59-1	Isophorone	U	56	1.0	330	350	56
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	130	1.0	330	350	130
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	47	1.0	330	350	47
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	81	1.0	330	350	81
88-06-2	2,4,6-Trichlorophenol	U	130	1.0	330	350	130
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	880	190
91-58-7	2-Chloronaphthalene	U	52	1.0	330	350	52
88-74-4	2-Nitroaniline	U	80	1.0	820	880	80
131-11-3	Dimethyl Phthalate	U	67	1.0	330	350	67
606-20-2	2,6-Dinitrotoluene	U	83	1.0	330	350	83
99-09-2	3-Nitroaniline	U	77	1.0	820	880	77
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	880	66
132-64-9	Dibenzofuran	U	67	1.0	330	350	67
100-02-7	4-Nitrophenol	U	170	1.0	820	880	170
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	880	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	880	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	60	1.0	330	350	60
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	880	150
86-74-8	Carbazole	U	65	1.0	330	350	65
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 22:11
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	73	1.0	330	350	73
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	80	1.0	330	350	80
117-84-0	Di-n-octylphthalate	U	79	1.0	330	350	79
367-12-4	2-Fluorophenol		78%				
13127-88-3	Phenol-D6		84%				
4165-60-0	Nitrobenzene-D5		73%				
321-60-8	2-Fluorobiphenyl		90%				
118-79-6	2,4,6-Tribromophenol		J120%				
1718-51-0	Terphenyl-D14		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 23:00
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	98	1.0	330	350	98
111-44-4	Bis(2-Chloroethyl)ether	U	35	1.0	330	350	35
95-57-8	2-Chlorophenol	U	96	1.0	330	350	96
541-73-1	1,3-Dichlorobenzene	U	56	1.0	330	350	56
106-46-7	1,4-Dichlorobenzene	U	27	1.0	330	350	27
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	350	45
95-48-7	2-Methylphenol	U	140	1.0	330	350	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	350	32
621-64-7	N-Nitroso-di-n-propylamine	U	60	1.0	330	350	60
106-44-5	4-Methylphenol	U	160	1.0	330	350	160
67-72-1	Hexachloroethane	U	65	1.0	330	350	65
98-95-3	Nitrobenzene	U	79	1.0	330	350	79
78-59-1	Isophorone	U	55	1.0	330	350	55
88-75-5	2-Nitrophenol	U	110	1.0	330	350	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	350	120
111-91-1	Bis(2-Chloroethoxy)methane	U	56	1.0	330	350	56
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	350	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	350	46
106-47-8	4-Chloroaniline	U	57	1.0	330	350	57
87-68-3	Hexachlorobutadiene	U	47	1.0	330	350	47
59-50-7	4-Chloro-3-Methylphenol	U	130	1.0	330	350	130
77-47-4	Hexachlorocyclopentadiene	U	80	1.0	330	350	80
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	350	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	870	190
91-58-7	2-Chloronaphthalene	U	51	1.0	330	350	51
88-74-4	2-Nitroaniline	U	80	1.0	820	870	80
131-11-3	Dimethyl Phthalate	U	66	1.0	330	350	66
606-20-2	2,6-Dinitrotoluene	U	82	1.0	330	350	82
99-09-2	3-Nitroaniline	U	76	1.0	820	870	76
51-28-5	2,4-Dinitrophenol	U	66	1.0	820	870	66
132-64-9	Dibenzofuran	U	66	1.0	330	350	66
100-02-7	4-Nitrophenol	U	160	1.0	820	870	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	350	100
84-66-2	Diethylphthalate	U	110	1.0	330	350	110
7005-72-3	4-Chlorophenyl-phenylether	U	54	1.0	330	350	54
100-01-6	4-Nitroaniline	U	74	1.0	820	870	74
534-52-1	4,6-Dinitro-2-Methylphenol	U	130	1.0	820	870	130
86-30-6	N-Nitrosodiphenylamine	U	77	1.0	330	350	77
101-55-3	4-Bromophenyl-phenylether	U	59	1.0	330	350	59
118-74-1	Hexachlorobenzene	U	250	1.0	330	350	250
87-86-5	Pentachlorophenol	U	150	1.0	820	870	150
86-74-8	Carbazole	U	64	1.0	330	350	64
84-74-2	Di-n-butylphthalate	U	90	1.0	330	350	90

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 23:00
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	72	1.0	330	350	72
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	350	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	79	1.0	330	350	79
117-84-0	Di-n-octylphthalate	U	78	1.0	330	350	78
367-12-4	2-Fluorophenol		74%				
13127-88-3	Phenol-D6		81%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		89%				
118-79-6	2,4,6-Tribromophenol		89%				
1718-51-0	Terphenyl-D14		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 23:48
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	96	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone	U	54	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	53	1.0	330	340	53
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	U	88	1.0	330	340	88

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 08-JAN-2006 23:48
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	71	1.0	330	340	71
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	340	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	78	1.0	330	340	78
117-84-0	Di-n-octylphthalate	U	77	1.0	330	340	77
367-12-4	2-Fluorophenol		73%				
13127-88-3	Phenol-D6		79%				
4165-60-0	Nitrobenzene-D5		65%				
321-60-8	2-Fluorobiphenyl		79%				
118-79-6	2,4,6-Tribromophenol		92%				
1718-51-0	Terphenyl-D14		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 09-JAN-2006 00:37
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	96	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone	U	54	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	52	1.0	330	340	52
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	I	99	1.0	330	340	88

Sample Data Summary A0000168

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 09-JAN-2006 00:37
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	71	1.0	330	340	71
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	340	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	78	1.0	330	340	78
117-84-0	Di-n-octylphthalate	U	77	1.0	330	340	77
367-12-4	2-Fluorophenol		J 37%				
13127-88-3	Phenol-D6		64%				
4165-60-0	Nitrobenzene-D5		63%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		J 24%				
1718-51-0	Terphenyl-D14		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 21:19
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10RE
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	96	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone	U	54	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	52	1.0	330	340	52
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	U	88	1.0	330	340	88

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 21:19
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10RE
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	71	1.0	330	340	71
91-94-1	3,3'-Dichlorobenzidine	U	140	1.0	330	340	140
117-81-7	bis(2-Ethylhexyl)phthalate	U	78	1.0	330	340	78
117-84-0	Di-n-octylphthalate	U	77	1.0	330	340	77
367-12-4	2-Fluorophenol		71%				
13127-88-3	Phenol-D6		50%				
4165-60-0	Nitrobenzene-D5		71%				
321-60-8	2-Fluorobiphenyl		J168%				
118-79-6	2,4,6-Tribromophenol		J183%				
1718-51-0	Terphenyl-D14		J262%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/07/05
Analysis Date: 30-DEC-2005 20:40
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23602
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	I	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000182

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/07/05
Analysis Date: 30-DEC-2005 20:40
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23602
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		59%				
13127-88-3	Phenol-D6		47%				
4165-60-0	Nitrobenzene-D5		82%				
321-60-8	2-Fluorobiphenyl		88%				
118-79-6	2,4,6-Tribromophenol		73%				
1718-51-0	Terphenyl-D14		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 21:44
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		38	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene		60	1.0	20	22	0.6
208-96-8	Acenaphthylene		79	1.0	20	22	0.6
83-32-9	Acenaphthene		33	1.0	20	22	0.8
86-73-7	Fluorene		37	1.0	20	22	0.6
85-01-8	Phenanthrene	L	350	1.0	20	22	2
120-12-7	Anthracene		94	1.0	20	22	0.9
206-44-0	Fluoranthene	L	1700	1.0	20	22	2
129-00-0	Pyrene	L	3000	1.0	20	22	2
56-55-3	Benzo(a)anthracene	L	1600	1.0	20	22	1
218-01-9	Chrysene	L	1500	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	L	2100	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene	L	710	1.0	20	22	1
50-32-8	Benzo(a)pyrene	L	1600	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	L	1000	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	L	390	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	L	1100	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		78%				
1718-52-1	Pyrene-d10		131%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 04-JAN-2006 17:46
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11DL
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	24	25	20	540	24
91-57-6	2-Methylnaphthalene	U	15	25	20	540	15
208-96-8	Acenaphthylene	I	120	25	20	540	14
83-32-9	Acenaphthene	I	36	25	20	540	19
86-73-7	Fluorene	I	35	25	20	540	16
85-01-8	Phenanthrene	I	350	25	20	540	40
120-12-7	Anthracene	I	120	25	20	540	22
206-44-0	Fluoranthene		2500	25	20	540	44
129-00-0	Pyrene		2400	25	20	540	48
56-55-3	Benzo(a)anthracene		1800	25	20	540	27
218-01-9	Chrysene		1600	25	20	540	33
205-99-2	Benzo(b)fluoranthene		3300	25	20	540	55
207-08-9	Benzo(k)fluoranthene		1200	25	20	540	36
50-32-8	Benzo(a)pyrene		2100	25	20	540	20
193-39-5	Indeno(1,2,3-cd)pyrene		1200	25	20	540	54
53-70-3	Dibenzo(a,h)anthracene	I	470	25	20	540	54
191-24-2	Benzo(g,h,i)perylene		1400	25	20	540	46
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 06-JAN-2006 17:51
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12RA
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	12	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	I	16	1.0	20	22	0.6
208-96-8	Acenaphthylene		79	1.0	20	22	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	22	0.8
86-73-7	Fluorene	I	10	1.0	20	22	0.6
85-01-8	Phenanthrene		120	1.0	20	22	2
120-12-7	Anthracene		34	1.0	20	22	0.9
206-44-0	Fluoranthene	L	990	1.0	20	22	2
129-00-0	Pyrene	L	1200	1.0	20	22	2
56-55-3	Benzo(a)anthracene	L	1100	1.0	20	22	1
218-01-9	Chrysene	L	700	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	L	1600	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene	L	420	1.0	20	22	1
50-32-8	Benzo(a)pyrene	L	900	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	L	500	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	L	240	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	L	490	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 04-JAN-2006 16:16
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12DL
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	10	10	20	220	10
91-57-6	2-Methylnaphthalene	U	6	10	20	220	6
208-96-8	Acenaphthylene	I	58	10	20	220	6
83-32-9	Acenaphthene	I	9	10	20	220	8
86-73-7	Fluorene	I	9	10	20	220	6
85-01-8	Phenanthrene	I	120	10	20	220	16
120-12-7	Anthracene	I	45	10	20	220	9
206-44-0	Fluoranthene		1100	10	20	220	18
129-00-0	Pyrene		1100	10	20	220	19
56-55-3	Benzo(a)anthracene		920	10	20	220	11
218-01-9	Chrysene		830	10	20	220	13
205-99-2	Benzo(b)fluoranthene		1700	10	20	220	22
207-08-9	Benzo(k)fluoranthene		620	10	20	220	14
50-32-8	Benzo(a)pyrene		1100	10	20	220	8
193-39-5	Indeno(1,2,3-cd)pyrene		510	10	20	220	22
53-70-3	Dibenzo(a,h)anthracene	I	190	10	20	220	22
191-24-2	Benzo(g,h,i)perylene		560	10	20	220	18
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 04-JAN-2006 15:31
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	9	1.0	20	21	1.0
91-57-6	2-Methylnaphthalene	I	18	1.0	20	21	0.6
208-96-8	Acenaphthylene		46	1.0	20	21	0.6
83-32-9	Acenaphthene	I	6	1.0	20	21	0.8
86-73-7	Fluorene	I	7	1.0	20	21	0.6
85-01-8	Phenanthrene		110	1.0	20	21	2
120-12-7	Anthracene		22	1.0	20	21	0.9
206-44-0	Fluoranthene	L	730	1.0	20	21	2
129-00-0	Pyrene	L	790	1.0	20	21	2
56-55-3	Benzo(a)anthracene	L	620	1.0	20	21	1
218-01-9	Chrysene	L	600	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene	L	940	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	L	340	1.0	20	21	1
50-32-8	Benzo(a)pyrene	L	700	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	L	360	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene		120	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	L	330	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/16/05
Analysis Date: 05-JAN-2006 17:52
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13DL
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	10	10	20	210	10
91-57-6	2-Methylnaphthalene	U	6	10	20	210	6
208-96-8	Acenaphthylene	I	40	10	20	210	6
83-32-9	Acenaphthene	U	8	10	20	210	8
86-73-7	Fluorene	U	6	10	20	210	6
85-01-8	Phenanthrene	I	97	10	20	210	16
120-12-7	Anthracene	I	44	10	20	210	9
206-44-0	Fluoranthene		870	10	20	210	18
129-00-0	Pyrene		710	10	20	210	19
56-55-3	Benzo(a)anthracene		680	10	20	210	11
218-01-9	Chrysene		560	10	20	210	13
205-99-2	Benzo(b)fluoranthene		1000	10	20	210	22
207-08-9	Benzo(k)fluoranthene		440	10	20	210	14
50-32-8	Benzo(a)pyrene		760	10	20	210	8
193-39-5	Indeno(1,2,3-cd)pyrene		440	10	20	210	22
53-70-3	Dibenzo(a,h)anthracene	I	190	10	20	210	21
191-24-2	Benzo(g,h,i)perylene		460	10	20	210	18
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 04-JAN-2006 14:01
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	3	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	6	1.0	20	21	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	I	0.8	1.0	20	21	0.6
85-01-8	Phenanthrene	I	17	1.0	20	21	2
120-12-7	Anthracene	I	2	1.0	20	21	0.8
206-44-0	Fluoranthene	I	21	1.0	20	21	2
129-00-0	Pyrene	I	19	1.0	20	21	2
56-55-3	Benzo(a)anthracene	I	19	1.0	20	21	1
218-01-9	Chrysene	I	18	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene		36	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	I	13	1.0	20	21	1
50-32-8	Benzo(a)pyrene	I	21	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	I	5	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	I	19	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		93%				
81103-79-9	Fluorene-d10		108%				
1718-52-1	Pyrene-d10		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 04-JAN-2006 14:46
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	1	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	5	1.0	20	21	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	U	0.6	1.0	20	21	0.6
85-01-8	Phenanthrene	I	9	1.0	20	21	2
120-12-7	Anthracene	U	0.9	1.0	20	21	0.9
206-44-0	Fluoranthene	I	11	1.0	20	21	2
129-00-0	Pyrene	I	11	1.0	20	21	2
56-55-3	Benzo(a)anthracene	I	13	1.0	20	21	1
218-01-9	Chrysene	I	10	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene		22	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	I	9	1.0	20	21	1
50-32-8	Benzo(a)pyrene	I	12	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	17	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	I	5	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	I	16	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		67%				
81103-79-9	Fluorene-d10		74%				
1718-52-1	Pyrene-d10		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 15:47
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.9	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	4	1.0	20	21	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	U	0.6	1.0	20	21	0.6
85-01-8	Phenanthrene	I	3	1.0	20	21	2
120-12-7	Anthracene	U	0.8	1.0	20	21	0.8
206-44-0	Fluoranthene	I	5	1.0	20	21	2
129-00-0	Pyrene	I	5	1.0	20	21	2
56-55-3	Benzo(a)anthracene	I	7	1.0	20	21	1
218-01-9	Chrysene	U	1	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	21	1
50-32-8	Benzo(a)pyrene	I	4	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		88%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		98%				

Sample Data Summary A0000620

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 16:31
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1.0	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	22	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	22	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	22	0.8
86-73-7	Fluorene	U	0.7	1.0	20	22	0.7
85-01-8	Phenanthrene	I	7	1.0	20	22	2
120-12-7	Anthracene	U	0.9	1.0	20	22	0.9
206-44-0	Fluoranthene	I	11	1.0	20	22	2
129-00-0	Pyrene	I	9	1.0	20	22	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	22	1
218-01-9	Chrysene	U	1	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	22	1
50-32-8	Benzo(a)pyrene	I	5	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	2	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	I	3	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 17:15
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1.0	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	22	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	22	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	22	0.8
86-73-7	Fluorene	U	0.7	1.0	20	22	0.7
85-01-8	Phenanthrene	I	4	1.0	20	22	2
120-12-7	Anthracene	U	0.9	1.0	20	22	0.9
206-44-0	Fluoranthene	I	8	1.0	20	22	2
129-00-0	Pyrene	I	7	1.0	20	22	2
56-55-3	Benzo(a)anthracene	I	8	1.0	20	22	1
218-01-9	Chrysene	I	3	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	22	1
50-32-8	Benzo(a)pyrene	I	4	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		87%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 18:01
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	1.0	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	22	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	22	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	22	0.8
86-73-7	Fluorene	U	0.7	1.0	20	22	0.7
85-01-8	Phenanthrene	I	3	1.0	20	22	2
120-12-7	Anthracene	U	0.9	1.0	20	22	0.9
206-44-0	Fluoranthene	I	5	1.0	20	22	2
129-00-0	Pyrene	I	5	1.0	20	22	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	22	1
218-01-9	Chrysene	U	1	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene	U	2	1.0	20	22	2
50-32-8	Benzo(a)pyrene	I	3	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		87%				
81103-79-9	Fluorene-d10		94%				
1718-52-1	Pyrene-d10		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 05-JAN-2006 17:07
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	2	1.0	20	22	1.0
91-57-6	2-Methylnaphthalene	I	6	1.0	20	22	0.6
208-96-8	Acenaphthylene	I	3	1.0	20	22	0.6
83-32-9	Acenaphthene	U	0.8	1.0	20	22	0.8
86-73-7	Fluorene	U	0.6	1.0	20	22	0.6
85-01-8	Phenanthrene	I	21	1.0	20	22	2
120-12-7	Anthracene	U	0.9	1.0	20	22	0.9
206-44-0	Fluoranthene		60	1.0	20	22	2
129-00-0	Pyrene		47	1.0	20	22	2
56-55-3	Benzo(a)anthracene		29	1.0	20	22	1
218-01-9	Chrysene		32	1.0	20	22	1
205-99-2	Benzo(b)fluoranthene		40	1.0	20	22	2
207-08-9	Benzo(k)fluoranthene		22	1.0	20	22	1
50-32-8	Benzo(a)pyrene		31	1.0	20	22	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	18	1.0	20	22	2
53-70-3	Dibenzo(a,h)anthracene	I	5	1.0	20	22	2
191-24-2	Benzo(g,h,i)perylene	I	17	1.0	20	22	2
7297-45-2	2-Methylnaphthalene-d10		86%				
81103-79-9	Fluorene-d10		96%				
1718-52-1	Pyrene-d10		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 19:30
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		40	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	13	1.0	20	21	0.6
208-96-8	Acenaphthylene	I	2	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	U	0.6	1.0	20	21	0.6
85-01-8	Phenanthrene	I	13	1.0	20	21	2
120-12-7	Anthracene	U	0.9	1.0	20	21	0.9
206-44-0	Fluoranthene		24	1.0	20	21	2
129-00-0	Pyrene		34	1.0	20	21	2
56-55-3	Benzo(a)anthracene		27	1.0	20	21	1
218-01-9	Chrysene	I	19	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	21	1
50-32-8	Benzo(a)pyrene		24	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	16	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	I	18	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		73%				
81103-79-9	Fluorene-d10		85%				
1718-52-1	Pyrene-d10		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 20:14
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		34	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	9	1.0	20	21	0.6
208-96-8	Acenaphthylene	U	0.6	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	U	0.6	1.0	20	21	0.6
85-01-8	Phenanthrene	I	5	1.0	20	21	2
120-12-7	Anthracene	U	0.8	1.0	20	21	0.8
206-44-0	Fluoranthene	I	7	1.0	20	21	2
129-00-0	Pyrene	I	13	1.0	20	21	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	21	1
218-01-9	Chrysene	U	1	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	21	1
50-32-8	Benzo(a)pyrene	I	10	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		87%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		130%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 03-JAN-2006 20:59
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		22	1.0	20	21	0.9
91-57-6	2-Methylnaphthalene	I	8	1.0	20	21	0.6
208-96-8	Acenaphthylene	I	2	1.0	20	21	0.6
83-32-9	Acenaphthene	U	0.7	1.0	20	21	0.7
86-73-7	Fluorene	U	0.6	1.0	20	21	0.6
85-01-8	Phenanthrene	I	12	1.0	20	21	2
120-12-7	Anthracene	U	0.8	1.0	20	21	0.8
206-44-0	Fluoranthene		25	1.0	20	21	2
129-00-0	Pyrene		46	1.0	20	21	2
56-55-3	Benzo(a)anthracene		32	1.0	20	21	1
218-01-9	Chrysene		31	1.0	20	21	1
205-99-2	Benzo(b)fluoranthene		45	1.0	20	21	2
207-08-9	Benzo(k)fluoranthene		23	1.0	20	21	1
50-32-8	Benzo(a)pyrene		33	1.0	20	21	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	I	17	1.0	20	21	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	21	2
191-24-2	Benzo(g,h,i)perylene	I	17	1.0	20	21	2
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		134%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/07/05
Analysis Date: 19-DEC-2005 22:49
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23603
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		56%				
81103-79-9	Fluorene-d10		105%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 19:55
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11DL
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	1.8	2.0	1.7	3.6	1.8
319-84-6	alpha-BHC	U	2.2	2.0	1.7	3.6	2.2
58-89-9	gamma BHC	U	0.93	2.0	1.7	3.6	0.93
319-85-7	beta-BHC	U	1.3	2.0	1.7	3.6	1.3
319-86-8	delta-BHC	U	2.1	2.0	1.7	3.6	2.1
76-44-8	Heptachlor	U	1.4	2.0	1.7	3.6	1.4
309-00-2	Aldrin	U	1.1	2.0	1.7	3.6	1.1
1024-57-3	Heptachlor Epoxide	U	1.4	2.0	1.7	3.6	1.4
5103-74-2	gamma-Chlordane	U	1.0	2.0	1.7	3.6	1.0
5103-71-9	alpha-Chlordane		5.2	2.0	1.7	3.6	1.0
72-55-9	4,4'-DDE		27	2.0	3.3	7.1	1.1
50-29-3	4,4'-DDT		95	2.0	3.3	7.1	1.4
60-57-1	Dieldrin	U	0.79	2.0	3.3	7.1	0.79
8001-35-2	Toxaphene	U	37	2.0	33	71	37
72-20-8	Endrin	U	1.9	2.0	3.3	7.1	1.9
72-54-8	4,4'-DDD	U	0.93	2.0	3.3	7.1	0.93
33213-65-9	Endosulfan II	U	2.1	2.0	3.3	7.1	2.1
7421-36-3	Endrin Aldehyde	U	2.5	2.0	3.3	7.1	2.5
72-43-5	Methoxychlor	U	2.6	2.0	17	36	2.6
1031-07-8	Endosulfan sulfate	U	1.4	2.0	3.3	7.1	1.4
53494-70-5	Endrin Ketone	U	1.4	2.0	3.3	7.1	1.4
877-09-8	Tetrachloro-m-Xylene		80%				
2051-24-3	Decachlorobiphenyl		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 03:56
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.90	1.0	1.7	1.8	0.90
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.47	1.0	1.7	1.8	0.47
319-85-7	beta-BHC	U	0.64	1.0	1.7	1.8	0.64
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.72	1.0	1.7	1.8	0.72
309-00-2	Aldrin	U	0.57	1.0	1.7	1.8	0.57
1024-57-3	Heptachlor Epoxide	U	0.68	1.0	1.7	1.8	0.68
5103-74-2	gamma-Chlordane	U	0.50	1.0	1.7	1.8	0.50
5103-71-9	alpha-Chlordane	U	0.50	1.0	1.7	1.8	0.50
72-55-9	4,4'-DDE	U	0.54	1.0	3.3	3.6	0.54
50-29-3	4,4'-DDT		23	1.0	3.3	3.6	0.72
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.6	0.39
8001-35-2	Toxaphene	U	19	1.0	33	36	19
72-20-8	Endrin	U	0.97	1.0	3.3	3.6	0.97
72-54-8	4,4'-DDD	U	0.47	1.0	3.3	3.6	0.47
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.6	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.6	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.68	1.0	3.3	3.6	0.68
53494-70-5	Endrin Ketone	U	0.72	1.0	3.3	3.6	0.72
877-09-8	Tetrachloro-m-Xylene		85%				
2051-24-3	Decachlorobiphenyl		62%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 19:28
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.89	1.0	1.7	1.8	0.89
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.46	1.0	1.7	1.8	0.46
319-85-7	beta-BHC	U	0.64	1.0	1.7	1.8	0.64
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.72	1.0	1.7	1.8	0.72
309-00-2	Aldrin	U	0.57	1.0	1.7	1.8	0.57
1024-57-3	Heptachlor Epoxide	U	0.68	1.0	1.7	1.8	0.68
5103-74-2	gamma-Chlordane	U	0.50	1.0	1.7	1.8	0.50
5103-71-9	alpha-Chlordane	U	0.50	1.0	1.7	1.8	0.50
72-55-9	4,4'-DDE	U	0.54	1.0	3.3	3.5	0.54
50-29-3	4,4'-DDT	I	2.7	1.0	3.3	3.5	0.72
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.5	0.39
8001-35-2	Toxaphene	U	19	1.0	33	35	19
72-20-8	Endrin	U	0.96	1.0	3.3	3.5	0.96
72-54-8	4,4'-DDD	U	0.46	1.0	3.3	3.5	0.46
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.5	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.5	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.68	1.0	3.3	3.5	0.68
53494-70-5	Endrin Ketone	U	0.72	1.0	3.3	3.5	0.72
877-09-8	Tetrachloro-m-Xylene		84%				
2051-24-3	Decachlorobiphenyl		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 22:32
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.87	1.0	1.7	1.8	0.87
319-84-6	alpha-BHC	U	1.0	1.0	1.7	1.8	1.0
58-89-9	gamma BHC	U	0.45	1.0	1.7	1.8	0.45
319-85-7	beta-BHC	U	1.8	1.0	1.7	1.8	0.63
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.70	1.0	1.7	1.8	0.70
309-00-2	Aldrin	U	0.56	1.0	1.7	1.8	0.56
1024-57-3	Heptachlor Epoxide	U	0.66	1.0	1.7	1.8	0.66
5103-74-2	gamma-Chlordane	U	0.49	1.0	1.7	1.8	0.49
5103-71-9	alpha-Chlordane	U	0.49	1.0	1.7	1.8	0.49
72-55-9	4,4'-DDE	U	0.52	1.0	3.3	3.4	0.52
50-29-3	4,4'-DDT	U	0.70	1.0	3.3	3.4	0.70
60-57-1	Dieldrin	U	0.38	1.0	3.3	3.4	0.38
8001-35-2	Toxaphene	U	18	1.0	33	34	18
72-20-8	Endrin	U	0.94	1.0	3.3	3.4	0.94
72-54-8	4,4'-DDD	U	0.45	1.0	3.3	3.4	0.45
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.4	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.4	1.2
72-43-5	Methoxychlor	U	1.2	1.0	17	18	1.2
1031-07-8	Endosulfan sulfate	U	0.66	1.0	3.3	3.4	0.66
53494-70-5	Endrin Ketone	U	0.70	1.0	3.3	3.4	0.70
877-09-8	Tetrachloro-m-Xylene		73%				
2051-24-3	Decachlorobiphenyl		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 23:00
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.89	1.0	1.7	1.8	0.89
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.46	1.0	1.7	1.8	0.46
319-85-7	beta-BHC	U	0.64	1.0	1.7	1.8	0.64
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.71	1.0	1.7	1.8	0.71
309-00-2	Aldrin	U	0.57	1.0	1.7	1.8	0.57
1024-57-3	Heptachlor Epoxide	U	0.68	1.0	1.7	1.8	0.68
5103-74-2	gamma-Chlordane	U	0.50	1.0	1.7	1.8	0.50
5103-71-9	alpha-Chlordane	U	0.50	1.0	1.7	1.8	0.50
72-55-9	4,4'-DDE	U	0.53	1.0	3.3	3.5	0.53
50-29-3	4,4'-DDT	U	0.71	1.0	3.3	3.5	0.71
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.5	0.39
8001-35-2	Toxaphene	U	18	1.0	33	35	18
72-20-8	Endrin	U	0.96	1.0	3.3	3.5	0.96
72-54-8	4,4'-DDD	U	0.46	1.0	3.3	3.5	0.46
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.5	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.5	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.68	1.0	3.3	3.5	0.68
53494-70-5	Endrin Ketone	U	0.71	1.0	3.3	3.5	0.71
877-09-8	Tetrachloro-m-Xylene		68%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 23:27
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.88	1.0	1.7	1.8	0.88
319-84-6	alpha-BHC	U	1.0	1.0	1.7	1.8	1.0
58-89-9	gamma BHC	U	0.46	1.0	1.7	1.8	0.46
319-85-7	beta-BHC	U	0.63	1.0	1.7	1.8	0.63
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.70	1.0	1.7	1.8	0.70
309-00-2	Aldrin	U	0.56	1.0	1.7	1.8	0.56
1024-57-3	Heptachlor Epoxide	U	0.67	1.0	1.7	1.8	0.67
5103-74-2	gamma-Chlordane	U	0.49	1.0	1.7	1.8	0.49
5103-71-9	alpha-Chlordane	U	0.49	1.0	1.7	1.8	0.49
72-55-9	4,4'-DDE	U	0.53	1.0	3.3	3.5	0.53
50-29-3	4,4'-DDT	U	0.70	1.0	3.3	3.5	0.70
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.5	0.39
8001-35-2	Toxaphene	U	18	1.0	33	35	18
72-20-8	Endrin	U	0.95	1.0	3.3	3.5	0.95
72-54-8	4,4'-DDD	U	0.46	1.0	3.3	3.5	0.46
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.5	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.5	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.67	1.0	3.3	3.5	0.67
53494-70-5	Endrin Ketone	U	0.70	1.0	3.3	3.5	0.70
877-09-8	Tetrachloro-m-Xylene		60%				
2051-24-3	Decachlorobiphenyl		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 00:12
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4RA
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.91	1.0	1.7	1.8	0.91
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.47	1.0	1.7	1.8	0.47
319-85-7	beta-BHC	U	0.65	1.0	1.7	1.8	0.65
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.73	1.0	1.7	1.8	0.73
309-00-2	Aldrin	U	0.58	1.0	1.7	1.8	0.58
1024-57-3	Heptachlor Epoxide	U	0.69	1.0	1.7	1.8	0.69
5103-74-2	gamma-Chlordane	U	0.51	1.0	1.7	1.8	0.51
5103-71-9	alpha-Chlordane	U	0.51	1.0	1.7	1.8	0.51
72-55-9	4,4'-DDE	U	0.54	1.0	3.3	3.6	0.54
50-29-3	4,4'-DDT	U	0.73	1.0	3.3	3.6	0.73
60-57-1	Dieldrin	U	0.40	1.0	3.3	3.6	0.40
8001-35-2	Toxaphene	U	19	1.0	33	36	19
72-20-8	Endrin	U	0.98	1.0	3.3	3.6	0.98
72-54-8	4,4'-DDD	U	0.47	1.0	3.3	3.6	0.47
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.6	1.0
7421-36-3	Endrin Aldehyde	U	1.3	1.0	3.3	3.6	1.3
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.69	1.0	3.3	3.6	0.69
53494-70-5	Endrin Ketone	U	0.73	1.0	3.3	3.6	0.73
877-09-8	Tetrachloro-m-Xylene		89%				
2051-24-3	Decachlorobiphenyl		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 00:40
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.92	1.0	1.7	1.9	0.92
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.9	1.1
58-89-9	gamma BHC	U	0.48	1.0	1.7	1.9	0.48
319-85-7	beta-BHC	U	0.66	1.0	1.7	1.9	0.66
319-86-8	delta-BHC	U	1.1	1.0	1.7	1.9	1.1
76-44-8	Heptachlor	U	0.74	1.0	1.7	1.9	0.74
309-00-2	Aldrin	U	0.59	1.0	1.7	1.9	0.59
1024-57-3	Heptachlor Epoxide	U	0.70	1.0	1.7	1.9	0.70
5103-74-2	gamma-Chlordane	U	0.52	1.0	1.7	1.9	0.52
5103-71-9	alpha-Chlordane	U	0.52	1.0	1.7	1.9	0.52
72-55-9	4,4'-DDE	U	0.55	1.0	3.3	3.6	0.55
50-29-3	4,4'-DDT	U	0.74	1.0	3.3	3.6	0.74
60-57-1	Dieldrin	U	0.41	1.0	3.3	3.6	0.41
8001-35-2	Toxaphene	U	36	1.0	33	36	19
72-20-8	Endrin	U	1.00	1.0	3.3	3.6	1.00
72-54-8	4,4'-DDD	U	0.48	1.0	3.3	3.6	0.48
33213-65-9	Endosulfan II	U	1.1	1.0	3.3	3.6	1.1
7421-36-3	Endrin Aldehyde	U	1.3	1.0	3.3	3.6	1.3
72-43-5	Methoxychlor	U	1.3	1.0	17	19	1.3
1031-07-8	Endosulfan sulfate	U	0.70	1.0	3.3	3.6	0.70
53494-70-5	Endrin Ketone	U	0.74	1.0	3.3	3.6	0.74
877-09-8	Tetrachloro-m-Xylene		93%				
2051-24-3	Decachlorobiphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 01:07
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.93	1.0	1.7	1.9	0.93
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.9	1.1
58-89-9	gamma BHC	U	0.48	1.0	1.7	1.9	0.48
319-85-7	beta-BHC	U	0.67	1.0	1.7	1.9	0.67
319-86-8	delta-BHC	U	1.1	1.0	1.7	1.9	1.1
76-44-8	Heptachlor	U	0.74	1.0	1.7	1.9	0.74
309-00-2	Aldrin	U	0.59	1.0	1.7	1.9	0.59
1024-57-3	Heptachlor Epoxide	U	0.70	1.0	1.7	1.9	0.70
5103-74-2	gamma-Chlordane	U	0.52	1.0	1.7	1.9	0.52
5103-71-9	alpha-Chlordane	U	0.52	1.0	1.7	1.9	0.52
72-55-9	4,4'-DDE	U	0.56	1.0	3.3	3.7	0.56
50-29-3	4,4'-DDT	U	0.74	1.0	3.3	3.7	0.74
60-57-1	Dieldrin	U	0.41	1.0	3.3	3.7	0.41
8001-35-2	Toxaphene	U	37	1.0	33	37	19
72-20-8	Endrin	U	1.0	1.0	3.3	3.7	1.0
72-54-8	4,4'-DDD	U	0.48	1.0	3.3	3.7	0.48
33213-65-9	Endosulfan II	U	1.1	1.0	3.3	3.7	1.1
7421-36-3	Endrin Aldehyde	U	1.3	1.0	3.3	3.7	1.3
72-43-5	Methoxychlor	U	1.3	1.0	17	19	1.3
1031-07-8	Endosulfan sulfate	U	0.70	1.0	3.3	3.7	0.70
53494-70-5	Endrin Ketone	U	0.74	1.0	3.3	3.7	0.74
877-09-8	Tetrachloro-m-Xylene		80%				
2051-24-3	Decachlorobiphenyl		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 01:35
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.90	1.0	1.7	1.8	0.90
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.47	1.0	1.7	1.8	0.47
319-85-7	beta-BHC	U	0.64	1.0	1.7	1.8	0.64
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.72	1.0	1.7	1.8	0.72
309-00-2	Aldrin	U	0.57	1.0	1.7	1.8	0.57
1024-57-3	Heptachlor Epoxide	U	0.68	1.0	1.7	1.8	0.68
5103-74-2	gamma-Chlordane	U	0.50	1.0	1.7	1.8	0.50
5103-71-9	alpha-Chlordane	U	0.50	1.0	1.7	1.8	0.50
72-55-9	4,4'-DDE	U	0.54	1.0	3.3	3.5	0.54
50-29-3	4,4'-DDT	U	0.72	1.0	3.3	3.5	0.72
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.5	0.39
8001-35-2	Toxaphene	U	19	1.0	33	35	19
72-20-8	Endrin	U	0.97	1.0	3.3	3.5	0.97
72-54-8	4,4'-DDD	U	0.47	1.0	3.3	3.5	0.47
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.5	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.5	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.68	1.0	3.3	3.5	0.68
53494-70-5	Endrin Ketone	U	0.72	1.0	3.3	3.5	0.72
877-09-8	Tetrachloro-m-Xylene		79%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 19:00
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.89	1.0	1.7	1.8	0.89
319-84-6	alpha-BHC	U	1.1	1.0	1.7	1.8	1.1
58-89-9	gamma BHC	U	0.46	1.0	1.7	1.8	0.46
319-85-7	beta-BHC	U	0.64	1.0	1.7	1.8	0.64
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.71	1.0	1.7	1.8	0.71
309-00-2	Aldrin	U	0.57	1.0	1.7	1.8	0.57
1024-57-3	Heptachlor Epoxide	U	0.68	1.0	1.7	1.8	0.68
5103-74-2	gamma-Chlordane	U	0.50	1.0	1.7	1.8	0.50
5103-71-9	alpha-Chlordane	U	0.50	1.0	1.7	1.8	0.50
72-55-9	4,4'-DDE	U	0.53	1.0	3.3	3.5	0.53
50-29-3	4,4'-DDT	U	0.71	1.0	3.3	3.5	0.71
60-57-1	Dieldrin	U	0.39	1.0	3.3	3.5	0.39
8001-35-2	Toxaphene	U	18	1.0	33	35	18
72-20-8	Endrin	U	0.96	1.0	3.3	3.5	0.96
72-54-8	4,4'-DDD	U	0.46	1.0	3.3	3.5	0.46
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.5	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.5	1.2
72-43-5	Methoxychlor	U	1.3	1.0	17	18	1.3
1031-07-8	Endosulfan sulfate	U	0.68	1.0	3.3	3.5	0.68
53494-70-5	Endrin Ketone	U	0.71	1.0	3.3	3.5	0.71
877-09-8	Tetrachloro-m-Xylene		86%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 02:31
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.87	1.0	1.7	1.8	0.87
319-84-6	alpha-BHC	U	1.0	1.0	1.7	1.8	1.0
58-89-9	gamma BHC	U	0.45	1.0	1.7	1.8	0.45
319-85-7	beta-BHC	U	0.63	1.0	1.7	1.8	0.63
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.70	1.0	1.7	1.8	0.70
309-00-2	Aldrin	U	0.56	1.0	1.7	1.8	0.56
1024-57-3	Heptachlor Epoxide	U	0.66	1.0	1.7	1.8	0.66
5103-74-2	gamma-Chlordane	U	0.49	1.0	1.7	1.8	0.49
5103-71-9	alpha-Chlordane	U	0.49	1.0	1.7	1.8	0.49
72-55-9	4,4'-DDE	U	0.52	1.0	3.3	3.4	0.52
50-29-3	4,4'-DDT	U	3.4	1.0	3.3	3.4	0.70
60-57-1	Dieldrin	U	3.4	1.0	3.3	3.4	0.38
8001-35-2	Toxaphene	U	34	1.0	33	34	18
72-20-8	Endrin	U	0.94	1.0	3.3	3.4	0.94
72-54-8	4,4'-DDD	U	3.4	1.0	3.3	3.4	0.45
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.4	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.4	1.2
72-43-5	Methoxychlor	U	1.2	1.0	17	18	1.2
1031-07-8	Endosulfan sulfate	U	0.66	1.0	3.3	3.4	0.66
53494-70-5	Endrin Ketone	U	3.4	1.0	3.3	3.4	0.70
877-09-8	Tetrachloro-m-Xylene		100%				
2051-24-3	Decachlorobiphenyl		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 03:01
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.87	1.0	1.7	1.8	0.87
319-84-6	alpha-BHC	U	1.0	1.0	1.7	1.8	1.0
58-89-9	gamma BHC	U	0.45	1.0	1.7	1.8	0.45
319-85-7	beta-BHC	U	0.63	1.0	1.7	1.8	0.63
319-86-8	delta-BHC	U	1.0	1.0	1.7	1.8	1.0
76-44-8	Heptachlor	U	0.70	1.0	1.7	1.8	0.70
309-00-2	Aldrin	U	0.56	1.0	1.7	1.8	0.56
1024-57-3	Heptachlor Epoxide	U	0.66	1.0	1.7	1.8	0.66
5103-74-2	gamma-Chlordane	U	0.49	1.0	1.7	1.8	0.49
5103-71-9	alpha-Chlordane	U	0.49	1.0	1.7	1.8	0.49
72-55-9	4,4'-DDE	U	0.52	1.0	3.3	3.4	0.52
50-29-3	4,4'-DDT	U	0.70	1.0	3.3	3.4	0.70
60-57-1	Dieldrin	U	0.38	1.0	3.3	3.4	0.38
8001-35-2	Toxaphene	U	18	1.0	33	34	18
72-20-8	Endrin	U	0.94	1.0	3.3	3.4	0.94
72-54-8	4,4'-DDD	U	0.45	1.0	3.3	3.4	0.45
33213-65-9	Endosulfan II	U	1.0	1.0	3.3	3.4	1.0
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.4	1.2
72-43-5	Methoxychlor	U	1.2	1.0	17	18	1.2
1031-07-8	Endosulfan sulfate	U	0.66	1.0	3.3	3.4	0.66
53494-70-5	Endrin Ketone	U	0.70	1.0	3.3	3.4	0.70
877-09-8	Tetrachloro-m-Xylene		100%				
2051-24-3	Decachlorobiphenyl		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/09/05
Analysis Date: 06-JAN-2006 15:29
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.050	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.059	1.0	0.10	0.10	0.059
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.10	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		63%				
2051-24-3	Decachlorobiphenyl		J 26%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 31-DEC-2005 01:24
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.1	1.0	17	18	8.1
11104-28-2	Aroclor-1221	U	9.7	1.0	17	18	9.7
11141-16-5	Aroclor-1232	U	5.7	1.0	17	18	5.7
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.1	1.0	17	18	6.1
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.5	1.0	17	18	4.5
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		J132%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 31-DEC-2005 01:52
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.1	1.0	17	18	8.1
11104-28-2	Aroclor-1221	U	9.7	1.0	17	18	9.7
11141-16-5	Aroclor-1232	U	5.7	1.0	17	18	5.7
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.2	1.0	17	18	6.2
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.5	1.0	17	18	4.5
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 31-DEC-2005 02:20
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.1	1.0	17	18	8.1
11104-28-2	Aroclor-1221	U	9.6	1.0	17	18	9.6
11141-16-5	Aroclor-1232	U	5.7	1.0	17	18	5.7
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.1	1.0	17	18	6.1
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.5	1.0	17	18	4.5
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 20:40
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	7.9	1.0	17	18	7.9
11104-28-2	Aroclor-1221	U	9.4	1.0	17	18	9.4
11141-16-5	Aroclor-1232	U	5.5	1.0	17	18	5.5
53469-21-9	Aroclor-1242	U	7.0	1.0	17	18	7.0
12672-29-6	Aroclor-1248	U	6.0	1.0	17	18	6.0
11097-69-1	Aroclor-1254	U	13	1.0	17	18	13
11096-82-5	Aroclor-1260	U	4.4	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 21:09
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.0	1.0	17	18	8.0
11104-28-2	Aroclor-1221	U	9.6	1.0	17	18	9.6
11141-16-5	Aroclor-1232	U	5.6	1.0	17	18	5.6
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.1	1.0	17	18	6.1
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.4	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 21:37
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	7.9	1.0	17	18	7.9
11104-28-2	Aroclor-1221	U	9.5	1.0	17	18	9.5
11141-16-5	Aroclor-1232	U	5.6	1.0	17	18	5.6
53469-21-9	Aroclor-1242	U	7.1	1.0	17	18	7.1
12672-29-6	Aroclor-1248	U	6.0	1.0	17	18	6.0
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.4	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		69%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 22:05
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.2	1.0	17	18	8.2
11104-28-2	Aroclor-1221	U	9.8	1.0	17	18	9.8
11141-16-5	Aroclor-1232	U	5.8	1.0	17	18	5.8
53469-21-9	Aroclor-1242	U	7.3	1.0	17	18	7.3
12672-29-6	Aroclor-1248	U	6.2	1.0	17	18	6.2
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.6	1.0	17	18	4.6
877-09-8	Tetrachloro-m-xylene		79%				
2051-24-3	Decachlorobiphenyl		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 22:34
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.3	1.0	17	19	8.3
11104-28-2	Aroclor-1221	U	10	1.0	17	19	10
11141-16-5	Aroclor-1232	U	5.8	1.0	17	19	5.8
53469-21-9	Aroclor-1242	U	7.5	1.0	17	19	7.5
12672-29-6	Aroclor-1248	U	6.3	1.0	17	19	6.3
11097-69-1	Aroclor-1254	U	14	1.0	17	19	14
11096-82-5	Aroclor-1260	U	4.6	1.0	17	19	4.6
877-09-8	Tetrachloro-m-xylene		79%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 23:02
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.4	1.0	17	19	8.4
11104-28-2	Aroclor-1221	U	10	1.0	17	19	10
11141-16-5	Aroclor-1232	U	5.9	1.0	17	19	5.9
53469-21-9	Aroclor-1242	U	7.5	1.0	17	19	7.5
12672-29-6	Aroclor-1248	U	6.4	1.0	17	19	6.4
11097-69-1	Aroclor-1254	U	14	1.0	17	19	14
11096-82-5	Aroclor-1260	U	4.6	1.0	17	19	4.6
877-09-8	Tetrachloro-m-xylene		72%				
2051-24-3	Decachlorobiphenyl		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 23:30
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.1	1.0	17	18	8.1
11104-28-2	Aroclor-1221	U	9.7	1.0	17	18	9.7
11141-16-5	Aroclor-1232	U	5.7	1.0	17	18	5.7
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.2	1.0	17	18	6.2
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260	U	4.5	1.0	17	18	4.5
877-09-8	Tetrachloro-m-xylene		72%				
2051-24-3	Decachlorobiphenyl		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 23:59
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	8.0	1.0	17	18	8.0
11104-28-2	Aroclor-1221	U	9.6	1.0	17	18	9.6
11141-16-5	Aroclor-1232	U	5.6	1.0	17	18	5.6
53469-21-9	Aroclor-1242	U	7.2	1.0	17	18	7.2
12672-29-6	Aroclor-1248	U	6.1	1.0	17	18	6.1
11097-69-1	Aroclor-1254	U	14	1.0	17	18	14
11096-82-5	Aroclor-1260		360	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		92%				
2051-24-3	Decachlorobiphenyl		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 31-DEC-2005 00:27
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	7.9	1.0	17	18	7.9
11104-28-2	Aroclor-1221	U	9.4	1.0	17	18	9.4
11141-16-5	Aroclor-1232	U	5.5	1.0	17	18	5.5
53469-21-9	Aroclor-1242	U	7.0	1.0	17	18	7.0
12672-29-6	Aroclor-1248	U	6.0	1.0	17	18	6.0
11097-69-1	Aroclor-1254	U	13	1.0	17	18	13
11096-82-5	Aroclor-1260		50	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 31-DEC-2005 00:55
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	7.9	1.0	17	18	7.9
11104-28-2	Aroclor-1221	U	9.4	1.0	17	18	9.4
11141-16-5	Aroclor-1232	U	5.5	1.0	17	18	5.5
53469-21-9	Aroclor-1242	U	7.0	1.0	17	18	7.0
12672-29-6	Aroclor-1248	U	6.0	1.0	17	18	6.0
11097-69-1	Aroclor-1254	U	13	1.0	17	18	13
11096-82-5	Aroclor-1260		28	1.0	17	18	4.4
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/09/05
Analysis Date: 28-DEC-2005 19:56
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23715
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.099	1.0	0.50	0.50	0.099
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		59%				
2051-24-3	Decachlorobiphenyl		J 23%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 04-JAN-2006 07:40
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11DL
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	400	2.0	20	43	4.8
	n-Triacontane-D62		90%				
	O-Terphenyl		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 04-JAN-2006 08:50
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 92.9

Lab ID: WV6482-12
Client ID: PEN45SB2502
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	220	1.0	20	22	2.4
	n-Triacontane-D62		94%				
	O-Terphenyl		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 04-JAN-2006 10:00
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 93.2

Lab ID: WV6482-13
Client ID: PEN45SB2503
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	120	1.0	20	21	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		105%				

Sample Data Summary A0000688

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 16:29
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-1
Client ID: PEN46SB2901
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	44	1.0	20	21	2.3
	n-Triacontane-D62		115%				
	O-Terphenyl		J122%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 17:39
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	48	1.0	20	21	2.4
	n-Triacontane-D62		110%				
	O-Terphenyl		J122%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 18:49
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 94.8

Lab ID: WV6482-3
Client ID: PEN46SB2903
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	18	1.0	20	21	2.4
	n-Triacontane-D62		J129%				
	O-Terphenyl		J143%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 19:59
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 91.6

Lab ID: WV6482-4
Client ID: PEN46SB3001
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	IV	20	1.0	20	22	2.4
	n-Triacontane-D62		115%				
	O-Terphenyl		J116%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 21:09
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 90.2

Lab ID: WV6482-5
Client ID: PEN46SB3001D
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	36	1.0	20	22	2.5
	n-Triacontane-D62		115%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 22:19
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 89.8

Lab ID: WV6482-6
Client ID: PEN46SB3002
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	26	1.0	20	22	2.5
	n-Triacontane-D62		112%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 23:29
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-7
Client ID: PEN46SB3003
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	30	1.0	20	22	2.4
	n-Triacontane-D62		112%				
	O-Terphenyl		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 10-JAN-2006 21:40
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 93.8

Lab ID: WV6482-8RA
Client ID: PEN46SB3101
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	110	1.0	20	21	2.4
	n-Triacontane-D62		109%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 10-JAN-2006 22:50
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 95.5

Lab ID: WV6482-9RA
Client ID: PEN46SB3102
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	59	1.0	20	21	2.3
	n-Triacontane-D62		105%				
	O-Terphenyl		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 04-JAN-2006 06:30
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	V	30	1.0	20	21	2.3
	n-Triacontane-D62		108%				
	O-Terphenyl		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/09/05
Analysis Date: 15-DEC-2005 20:54
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	310	1.0	500	500	220
	n-Triacontane-D62		105%				
	O-Terphenyl		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 14:22
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WV6482-14
Client ID: PEN46RB1202
SDG: CTO367-2
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		88%				

APPENDIX C

SUPPORT DOCUMENTATION

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-2

Sample Receipt

The following samples were received on December 3, 2005 and were logged in under Katahdin Analytical Services work order number WV6482 for a hardcopy due date of December 30, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6482-1	PEN46SB2901
WV6482-2	PEN46SB2902
WV6482-3	PEN46SB2903
WV6482-4	PEN46SB3001
WV6482-5	PEN46SB3001D
WV6482-6	PEN46SB3002
WV6482-7	PEN46SB3003
WV6482-8	PEN46SB3101
WV6482-9	PEN46SB3102
WV6482-10	PEN46SB3103
WV6482-11	PEN45SB2501
WV6482-12	PEN45SB2502
WV6482-13	PEN45SB2503
WV6482-14	PEN46RB1202
WV6482-15	PEN46TB1202
WV6482-16	PEN45SB2601
WV6482-17	PEN45SB2701
WV6482-19	PEN46SB2901
WV6482-20	PEN46SB2902
WV6482-21	PEN46SB2903
WV6482-22	PEN46SB3001
WV6482-23	PEN46SB3001D
WV6482-24	PEN46SB3002
WV6482-25	PEN46SB3003
WV6482-26	PEN46SB3101
WV6482-27	PEN46SB3102
WV6482-28	PEN46SB3103
WV6482-29	PEN45SB2501
WV6482-30	PEN45SB2502
WV6482-31	PEN45SB2503

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

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We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-2 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

SW8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The SPLP blanks WG24016-3, 4 and 5 had the target analytes acetone, chloroform, and m+p-xylene detected above the MDL. The analyte o-xylene was also detected in the SPLP blank WG24016-5. The SPLP blank WG24050-3 had the target analytes acetone, m+p-xylene, and methylene chloride detected above the MDL. The laboratory has since replaced many of the o-rings in the ZHE systems in the attempt to remove any laboratory contaminants.

The LCS's WG23726-1, WG24016-1 and WG24050-1 had greater than ten percent of the spiked analytes with recoveries that were high and outside of the laboratory established acceptance limits.

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Since a high recovery would indicate a high bias and these affected analytes were not detected in the samples associated with these LCS's, the samples were not reanalyzed.

The initial calibration analyzed on the M instrument on 12/14/05 had a %RSD value for acetone that exceeded the method acceptance limit of 15%. Even though the %RSD is greater than 15%, acetone was calibrated with the average model since this calibration model is more accurate for this analyte at concentrations near the PQL than either the linear or quadratic calibration models.

The calibration verification standard (CV) (file Z8866) had no response for the analyte bromoform. This CV affected the samples WV6482-8RA2, 9RA2, 11RA, and 13RA. These samples were also analyzed previously in a sequence with an acceptable response for bromoform.

Samples WV6482-15, 25, 27, 28, 29, 30 and WG23738-1 and 2, and WG24050-3 had high recoveries for the surrogate 1,2-dichloroethane-d4, which were outside of the laboratory established acceptance limits. For those samples that had no target analytes detected above the PQL, since a high recovery would indicate a high bias the associated samples were not reanalyzed. For those samples that had target analytes detected above the PQL, since the recoveries of the second surrogate dibromofluoromethane, which is associated with the same internal standard as the surrogate 1,2-dichloroethane-d4, were acceptable, these samples were not reanalyzed.

The initial analysis of samples WV6482-1, 2 and 8 had low recoveries for one surrogate, which was outside of the laboratory established acceptance limits. The reanalysis also had low surrogate recoveries, indicating a matrix effect. The results from both analyses are reported.

The initial analysis of sample WV6482-11 had low recoveries for three surrogates, which were outside of the laboratory established acceptance limits. The sample was reanalyzed and had low recoveries for two surrogates, indicating a matrix effect. The results from both analyses are reported.

The initial analysis of sample WV6482-9 had a recovery for one surrogate that was outside of the laboratory established acceptance limit. The reanalysis, labeled "RA", also had a low surrogate recovery. The sample was reanalyzed a third time and is labeled with the suffix "RA2". The reanalyses labeled "RA" and "RA2" are reported.

The initial analysis of sample WV6482-10 had a recovery for one or more surrogates that were outside of the laboratory established acceptance limit. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis was analyzed within hold time and met all QC acceptance limits. Therefore, only the reanalysis is reported.

The initial analysis of sample WV6482-12 had recoveries for three surrogates that were outside of the laboratory established acceptance limit and had responses for four internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample, labeled "RA", had recoveries for two surrogates that were outside of the laboratory established acceptance limit. The reanalysis of this sample is labeled with the suffix "RA2". The reanalysis was analyzed within hold time and met all QC acceptance limits. Therefore, only the reanalysis "RA2" is reported.

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The initial analysis of sample WV6482-13 had recoveries for two surrogates that were outside of the laboratory established acceptance limit and had responses for four internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The reanalysis of this sample is labeled with the suffix "RA". The reanalysis was analyzed within hold time and met all QC acceptance limits. Therefore, only the reanalysis is reported.

8015M-FLPRO Analysis

The method blank WG23845-1 and sample WV6482-3 and had high recoveries for the extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. Since high recoveries would indicate a high bias and PRO was not detected above the PQL in the method blank or sample, the associated samples were not reextracted.

The LCS WG23845-2 had high recoveries for the extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. Since the recovery for PRO was within the acceptance limits, the associated samples were not reextracted.

Samples WV6482-1, 2 and 4 had high recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the samples were not reextracted.

The LCS WG23712-2 and LCSD's WG23712-3 and WG23845-3 had high recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recovery for the second surrogate, n-triacontane-D_{62}, as well as the recovery for PRO were within the acceptance limits, the associated sample was not reextracted.

PRO was detected in the laboratory method blank, WG23845-1, above the MDL. The associated samples were flagged with a "V" qualifier indicating that the analyte PRO was detected in the laboratory method blank analyzed concurrently with the sample.

The CV standard (file CWA2016) had high responses for some of the individual hydrocarbons, which resulted in %Ds that were outside of the method acceptance limits of 25%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

The CV standard (file CWA2120) had high responses for some of the individual hydrocarbons C_{24} and C_{34}, which resulted in %Ds that were outside of the method acceptance limits of 25%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

504.1 Analysis

The method blank WG23818-1, the laboratory control sample (LCS) WG23818-2 and the laboratory control sample duplicate (LCSD) WG23818-3 had high recoveries for the surrogate TCX on both channels. These recoveries were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and the target analyte was not detected above the PQL in any of the associated sample, the sample was not reextracted.

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The calibration verification standard (CV) (file 3VL1077) had a high response for 1,2-dibromoethane on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The LCS and LCSD WG23818-2 and 3 had high recoveries for the spiked analyte 1,2-dibromoethane which were outside of the method acceptance limits. Since a high recovery would indicate a high bias and the target analyte was not detected above the PQL in any of the associated samples, the samples were not reextracted.

8270C SIM Analysis

There were no protocol deviations or observations for this method noted by the organics laboratory staff.

8270C SCAN Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The LCSD WG23940-3 had greater than ten percent of the spiked analytes with recoveries that were low and outside of the laboratory established acceptance limits. Since the associated LCS WG23940-2 had acceptable recoveries for the spiked analytes, the associated samples were not reextracted.

The initial calibration analyzed on 12/06/05 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analytes N-nitroso-di-n-propylamine and hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model. Since these analytes were not detected above the PQL in the associated samples, the samples were not reanalyzed.

The initial calibration analyzed on 01/05/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analytes 2-methylphenol, 2,2'-oxybis(1-chloropropane), 4-methylphenol, dibenzofuran, di-n-butylphthalate and the surrogate 2-fluorobiphenyl failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

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The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The calibration verification standard (CV) (file K1068) had a low response for the (CCC) calibration check compound hexachlorobutadiene, which resulted in a %D that was outside the method acceptance limit of 20%.

The calibration verification standards (CVs) (file K1179 and K1201) had low responses for the (CCC) calibration check compound di-n-octylphthalate, which resulted in %D's that were outside the method acceptance limit of 20%.

The calibration verification standards (CVs) (file K1248 and K1268) had high responses for the (CCC) calibration check compound di-n-octylphthalate, which resulted in %D's that were outside the method acceptance limit of 20%.

Samples WV6482-11 and 12 had low responses for one internal standard, which were outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The samples were reanalyzed with similar failures confirming a matrix effect. The results from both analyses are reported.

Samples WV6482-1, 2 and 10 had low recoveries for two surrogates, which were outside the laboratory established acceptance limits. These samples were reextracted twenty-six days out of hold time and analyzed. Samples WV6482-1RE and 10RE had low responses for one or more internal standards, which were outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. Samples WV6482-1RE and 2RE had low recoveries for one or more surrogates and sample WV6842-1RE had a high recovery for one surrogate. Sample WV6842-10RE also had high recoveries for three surrogates. Since the reextracts confirm a matrix effect, no further action was taken. The results for both extractions are included in the report.

Sample WV6482-3 had a low recovery for one surrogate, which was outside the laboratory established acceptance limits. Since the other five surrogates were acceptable and the surrogate is outside of the acceptance limit by 1%, the sample was not reextracted.

Samples WV6482-4, 5, 7, 11, 11RA, 12, 12RA and 13 had high recoveries for one or more surrogates, which were outside the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes (with the exception of the common laboratory phthalate ester contaminants) detected above the PQL in the aforementioned samples, the samples were not reextracted.

8081 Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. Katahdin standard operating procedure is

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not to take corrective action until greater than ten percent of the spiked analytes in the LCS are outside of the QC limits.

The method blank WG23714-1 and sample WV6482-14 had low recoveries for the extraction surrogate DCB on both channels which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were acceptable on both channels and the associated LCS was acceptable for the spiked target analytes, the sample was not reextracted.

The method blank WG23876-1 and laboratory control sample duplicate WG23876-3 had low recoveries for the extraction surrogate TCX on one or both channels, which were outside of the laboratory established acceptance limits. Since the recoveries for DCB were acceptable on both channels, the associated samples were not reextracted.

The closing CV (files 8VK3131 and 8VK4131) had low responses for 4,4'-DDT and methoxychlor on both channels, as well as low responses for seven additional analytes and TCX on channel A. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The opening CV (file 8WA1057) had a high response for TCX on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since TCX was within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1080 and 8WA2080) had low responses for endrin, 4,4'-DDT, endrin aldehyde, endosulfan sulfate, methoxychlor and a high response for TCX on channel A and low responses for 4,4'-DDT and methoxychlor on the B channel. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's (with the exception of TCX on channel A), the associated samples were not reanalyzed.

The opening CV (file 8WA1109) had high responses for twelve analytes and TCX on the A channel, which resulted in %Ds that were outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1132 and 8WA2132) had low responses for endosulfan sulfate on both channels, as well as low responses for 4,4'-DDT and methoxychlor and a high response for TCX on channel A. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

<u>8082 Analysis</u>

The method blank, WG23715-1, the laboratory control sample, WG23715-2 and sample WV6482-14 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were acceptable on both channels, the sample was not reextracted.

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Sample WV6482-11 had a high recovery for the extraction surrogate DCB on channel B, which was outside of the laboratory established acceptance limits. Since the recoveries for TCX on both channels and DCB on channel A were acceptable, the sample was not reextracted.

The closing calibration verification standards (CV's) (files 6VL3097 and 6VL4097) had low responses for DCB on both channels and Aroclor 1016, Aroclor 1260 and TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The closing calibration verification standards (CV's) (files 6VL3175 and 6VL4175) had low responses for DCB on both channels and Aroclor 1260 on channel A, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's and the low responses could be attributable to sample(s) that were analyzed prior to the CV's, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6VL3097, 6VL3128, 6VL4128, 6VL3175 and 6VL4175) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of DCB for files 6VL3097, 6VL13175 and 6VL4175, which were low, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO367-2 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Synthetic Precipitation Leaching Procedure (SPLP) by USEPA Method 1312

Katahdin Sample Nos. WV6482-(19-31) are SPLP extracts of solid samples. The extraction dates, the extraction fluid used, and the associated SPLP fluid blank identification numbers for these samples are summarized in the following table.

Katahdin Sample Numbers	SPLP Extraction Start Date	Extraction Finish/Filter Date	SPLP Fluid Used	Associated SPLP Fluid Blank ID
WV6482-(19-22)	12/27/05	12/28/05	1	PBT693A
WV6482-(23, 24)	12/28/05	12/29/05	1	PBT693A
WV6482-(25-31)	12/28/05	12/29/05	1	PBT697A

Analyte concentrations that were measured in the SPLP Fluid Blanks are listed in the Extraction Fluid Blank reports that follow Form 3P in the accompanying data package.

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Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP) and Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample No. WV6482-14 was digested for ICP and ICP-MS analysis on 12/15/05 (QC Batch VL15ICW1) in accordance with USEPA Method 3050B.

Soil-matrix Katahdin Sample Nos. WV6482-(1-13, 16, and 17) were digested for ICP and ICP-MS analysis on 12/27/05 (QC Batch VL27ICS0) in accordance with USEPA Method 3050B. Duplicate laboratory control samples were prepared in this digestion batch.

The SPLP extracts of Katahdin Sample Nos. WV6482-(19-31) were digested for ICP and ICP-MS analysis on 12/28/05 (QC Batch VL28ICW0) and 12/29/05 (QC Batch VL29ICW1) in accordance with USEPA Method 3010A.

ICP analyses of SDG CTO367-2 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer. ICP-MS analyses of SDG CTO367-2 sample digestates were performed using an Agilent 7500 ICP-MS spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Soil-matrix Katahdin Sample Nos. WV6482-(1-13) were digested for mercury analysis on 12/28/05 (QC Batch VL28HGS0) in accordance with USEPA Method 7471A. Katahdin Sample No. WV6482-13 was prepared with duplicate matrix-spiked aliquots in this batch.

The SPLP extracts of Katahdin Sample Nos. WV6482-(19-31) were digested for mercury analysis on 01/03/06 (QC Batch WA03HGW0) in accordance with USEPA Method 7470A.

Aqueous-matrix Katahdin Sample No. WV6482-14 was digested for mercury analysis on 01/03/06 (QC Batch WA03HGW1) in accordance with USEPA Method 7470A. .

Mercury analyses of Katahdin SDG CTO367-2 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The mercury recoveries in the matrix-spiked aliquots of Katahdin Sample Nos. WV6482-13 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

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Wet Chemistry Analysis

The samples of Katahdin SDG CTO367-2 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1-17-06

Leslie Dimond
Quality Assurance Officer

340 County Road, No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2701	WV6482-17	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2601	WV6482-16	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
OS	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	%	PEN46SB2902RE	WV6482-2RE	NM	12/2/2005	1/11/2006	1/12/2006	40	1	41
OS	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/13/2005	1/7/2006	11	25	36
OS	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/13/2005	1/5/2006	11	23	34
OS	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3102	WV6482-9	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3102	WV6482-9	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3103RE	WV6482-10RE	NM	12/2/2005	1/11/2006	1/12/2006	40	1	41
OS	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33
OS	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/13/2005	1/9/2006	11	27	38
OS	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	%	PEN45SB2502DL	WV6482-12DL	NM	12/2/2005	12/16/2005	1/4/2006	14	19	33
OS	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	1/9/2006	11	27	38
OS	%	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/16/2005	1/9/2006	14	24	38
OS	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN45SB2502RA	WV6482-12RA	NM	12/2/2005	12/16/2005	1/6/2006	14	21	35
OS	%	PEN45SB2502RA	WV6482-12RA	NM	12/2/2005	12/16/2005	1/11/2006	14	26	40
OS	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/16/2005	1/9/2006	14	24	38
OS	%	PEN45SB2503DL	WV6482-13DL	NM	12/2/2005	12/16/2005	1/5/2006	14	20	34
OS	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/7/2005	12/19/2005	5	12	17
OS	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/7/2005	12/30/2005	5	23	28
OS	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/16/2005	1/4/2006	14	19	33
OS	%	PEN46SB2901RE	WV6482-1RE	NM	12/2/2005	1/12/2006	1/12/2006	41	0	41
OS	%	PEN45SB2501RA	WV6482-11RA	NM	12/2/2005	12/13/2005	1/11/2006	11	29	40
OS	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33
OS	UG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN46SB3002	WV6482-6	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	UG/KG	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN46SB3001	WV6482-4	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	PEN46SB3002	WV6482-6	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	UG/KG	PEN46SB3001	WV6482-4	NM	12/2/2005	12/13/2005	1/7/2006	11	25	36
OS	UG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/13/2005	1/5/2006	11	23	34
OS	UG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	UG/KG	PEN46SB3101	WV6482-8	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN46SB3103RE	WV6482-10RE	NM	12/2/2005	1/11/2006	1/12/2006	40	1	41
OS	UG/KG	PEN46SB3103	WV6482-10	NM	12/2/2005	12/13/2005	1/9/2006	11	27	38
OS	UG/KG	PEN46SB3103	WV6482-10	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	UG/KG	PEN46SB3102	WV6482-9	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/16/2005	1/4/2006	14	19	33
OS	UG/KG	PEN46SB3102	WV6482-9	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	UG/KG	PEN45SB2502DL	WV6482-12DL	NM	12/2/2005	12/16/2005	1/4/2006	14	19	33
OS	UG/KG	PEN46SB3101	WV6482-8	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37
OS	UG/KG	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	UG/KG	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	1/9/2006	11	27	38
OS	UG/KG	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33
OS	UG/KG	PEN45SB2501RA	WV6482-11RA	NM	12/2/2005	12/13/2005	1/11/2006	11	29	40

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	PEN45SB2503DL	WV6482-13DL	NM	12/2/2005	12/16/2005	1/5/2006	14	20	34
OS	UG/KG	PEN45SB2502	WV6482-12	NM	12/2/2005	12/16/2005	1/9/2006	14	24	38
OS	UG/KG	PEN46SB2902RE	WV6482-2RE	NM	12/2/2005	1/11/2006	1/12/2006	40	1	41
OS	UG/KG	PEN45SB2502RA	WV6482-12RA	NM	12/2/2005	12/16/2005	1/6/2006	14	21	35
OS	UG/KG	PEN45SB2502RA	WV6482-12RA	NM	12/2/2005	12/16/2005	1/11/2006	14	26	40
OS	UG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/16/2005	1/9/2006	14	24	38
OS	UG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	UG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33
OS	UG/KG	PEN46SB2901RE	WV6482-1RE	NM	12/2/2005	1/12/2006	1/12/2006	41	0	41
OS	UG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/13/2005	12/30/2005	11	17	28
OS	UG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/13/2005	1/4/2006	11	22	33
OS	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/7/2005	12/30/2005	5	23	28
OS	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/7/2005	12/19/2005	5	12	17
EDB	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/14/2005	12/15/2005	12	1	13
EDB	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/14/2005	12/15/2005	12	1	13
OV	%	PEN45SB2502RA2	WV6482-12RA2	NM	12/2/2005	12/15/2005	12/15/2005	13	0	13
OV	%	PEN46SB3102RA	WV6482-9RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	%	PEN46SB3001RA	WV6482-4RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	PEN46SB3002	WV6482-24	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB3003	WV6482-25	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB3101	WV6482-26	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	%	PEN46SB3001DRA2	WV6482-5RA2	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	%	PEN46SB3102	WV6482-27	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB3002RA	WV6482-6RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	%	PEN46SB3102RA2	WV6482-9RA2	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	%	PEN46SB3103	WV6482-28	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB3103RA	WV6482-10RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	%	PEN46TB1202	WV6482-15	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	%	PEN45SB2501RA	WV6482-11RA	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	%	PEN46SB3101RA2	WV6482-8RA2	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/15/2005	12/15/2005	13	0	13
OV	%	PEN45SB2501	WV6482-29	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN45SB2502	WV6482-30	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	%	PEN45SB2503RA	WV6482-13RA	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	%	PEN46SB3001D	WV6482-23	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	%	PEN46SB2901	WV6482-19	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	%	PEN45SB2503	WV6482-31	NM	12/2/2005	12/20/2005	12/20/2005	18	0	18
OV	%	PEN46SB3001	WV6482-22	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB2901RA	WV6482-1RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	%	PEN46SB2903	WV6482-21	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB2902RA	WV6482-2RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	%	PEN46SB2902	WV6482-20	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	UG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN46SB3001RA	WV6482-4RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	UG/KG	PEN46SB3102RA2	WV6482-9RA2	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	UG/KG	PEN46SB3102RA	WV6482-9RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN46SB3101RA2	WV6482-8RA2	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	PEN46SB3101	WV6482-8	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	UG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	UG/KG	PEN46SB3002RA	WV6482-6RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN46SB3103RA	WV6482-10RA	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN45SB2501RA	WV6482-11RA	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	UG/KG	PEN46SB3001DRA2	WV6482-5RA2	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	UG/KG	PEN45SB2502RA2	WV6482-12RA2	NM	12/2/2005	12/15/2005	12/15/2005	13	0	13
OV	UG/KG	PEN45SB2503RA	WV6482-13RA	NM	12/2/2005	12/14/2005	12/14/2005	12	0	12
OV	UG/KG	PEN45SB2501	WV6482-11	NM	12/2/2005	12/13/2005	12/13/2005	11	0	11
OV	UG/KG	PEN46SB2901RA	WV6482-1RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	UG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	UG/KG	PEN46SB2902RA	WV6482-2RA	NM	12/2/2005	12/12/2005	12/12/2005	10	0	10
OV	UG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	UG/L	PEN46SB2902	WV6482-20	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB3103	WV6482-28	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB3102	WV6482-27	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB3101	WV6482-26	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	PEN46SB3003	WV6482-25	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB3002	WV6482-24	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46TB1202	WV6482-15	NM	12/2/2005	12/9/2005	12/9/2005	7	0	7
OV	UG/L	PEN46SB3001D	WV6482-23	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB2903	WV6482-21	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB2901	WV6482-19	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/15/2005	12/15/2005	13	0	13
OV	UG/L	PEN45SB2503	WV6482-31	NM	12/2/2005	12/20/2005	12/20/2005	18	0	18
OV	UG/L	PEN45SB2502	WV6482-30	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN45SB2501	WV6482-29	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
OV	UG/L	PEN46SB3001	WV6482-22	NM	12/2/2005	12/19/2005	12/19/2005	17	0	17
PCB	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	%	PEN46SB3102	WV6482-9	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	12/28/2005	7	19	26
PCB	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB3001	WV6482-4	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB3103	WV6482-10	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	UG/KG	PEN46SB3102	WV6482-9	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	UG/KG	PEN46SB3101	WV6482-8	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	UG/KG	PEN45SB2502	WV6482-12	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/KG	PEN45SB2501	WV6482-11	NM	12/2/2005	12/15/2005	12/31/2005	13	16	29
PCB	UG/KG	PEN46SB3002	WV6482-6	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PCB	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	12/28/2005	7	19	26
PEST	%	PEN46SB3001RA	WV6482-4RA	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB3102	WV6482-9	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	1/6/2006	7	28	35
PEST	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	%	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN46SB3002	WV6482-6	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	PEN46SB3103	WV6482-10	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN46SB3102	WV6482-9	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN46SB3101	WV6482-8	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	UG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	UG/KG	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	UG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	UG/KG	PEN45SB2502	WV6482-12	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/KG	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/15/2005	1/9/2006	13	25	38
PEST	UG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
PEST	UG/KG	PEN46SB3001RA	WV6482-4RA	NM	12/2/2005	12/15/2005	1/6/2006	13	22	35
PEST	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	1/6/2006	7	28	35
TPH	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	%	PEN46SB3101RA	WV6482-8RA	NM	12/2/2005	12/14/2005	1/10/2006	12	27	39
TPH	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	12/15/2005	7	6	13
TPH	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	%	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	%	PEN46SB3102RA	WV6482-9RA	NM	12/2/2005	12/14/2005	1/10/2006	12	27	39
TPH	MG/KG	PEN46SB2901	WV6482-1	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	MG/KG	PEN46SB3103	WV6482-10	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	MG/KG	PEN46SB3102RA	WV6482-9RA	NM	12/2/2005	12/14/2005	1/10/2006	12	27	39
TPH	MG/KG	PEN46SB3101RA	WV6482-8RA	NM	12/2/2005	12/14/2005	1/10/2006	12	27	39
TPH	MG/KG	PEN46SB3003	WV6482-7	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	MG/KG	PEN46SB3002	WV6482-6	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	MG/KG	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	MG/KG	PEN46SB3001	WV6482-4	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	MG/KG	PEN46SB2902	WV6482-2	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	MG/KG	PEN45SB2503	WV6482-13	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	MG/KG	PEN45SB2502	WV6482-12	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	MG/KG	PEN45SB2501DL	WV6482-11DL	NM	12/2/2005	12/14/2005	1/4/2006	12	21	33
TPH	MG/KG	PEN46SB2903	WV6482-3	NM	12/2/2005	12/14/2005	1/3/2006	12	20	32
TPH	UG/L	PEN46RB1202	WV6482-14	NM	12/2/2005	12/9/2005	12/15/2005	7	6	13

WV6782

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2659 | PAGE 1 OF 2

PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin / Andrea Colby
SAMPLERS (SIGNATURE) W.D.Olson		FIELD OPERATIONS LEADER W.D. Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER Fedex 8532 2422 2178		CITY, STATE Westbrook ME

STANDARD TAT [X]
RUSH TAT [ ] ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G G G G G
PRESERVATIVE USED: H2O | MeOH | 4° | 4° | 4° | 4°

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC Low	TCL VOC High	SPLP VOA	EDB	SPLP TAL metals	SVOC (PAHs PCBs) / TRPH / PEST / TAL metals	COMMENTS
12/2	1020	PEW46 SB2901	SB29	0	6"	SO	G-G	8	3	1	1	1	1	1	
	1640	PEW46 SB2902	SB29	6"	2	SO	G-G	8	3	1	1	1	1	1	
	1055	PEW46 SB2903	SB29	2	4	SO	G	8	3	1	1	1	1	1	
	1125	PEW46 SB3001	SB30	0	6"	SO	G	8	3	1	1	1	1	1	
	1125	PEW46 SB3001D	SB30	0	6"	SO	G	8	3	1	1	1	1	1	
	1140	PEW46 SB3002	SB30	6"	2	SO	G	8	3	1	1	1	1	1	
	1200	PEW46 SB3003	SB30	2	4	SO	G	8	3	1	1	1	1	1	
	1225	PEW46 SB3101	SB31	0	6"	SO	G	8	3	1	1	1	1	1	
	1240	PEW46 SB3102	SB31	6"	2'	SO	G	8	3	1	1	1	1	1	
	1255	PEW46 SB3103	SB31	2	3	SO	G	8	3	1	1	1	1	1	
	1320	PEW45 SB2501	SB25	0	6"	SO	G	8	3	1	1	1	1	1	
	1335	PEW45 SB2502	SB25	6"	2'	SO	G	8	3	1	1	1	1	1	
	1350	PEW45 SB2503	SB25	2'	4'	SO	G	8	3	1	1	1	1	1	

1. RELINQUISHED BY W.D. Olson	DATE 12-2-05	TIME 1800	1. RECEIVED BY Fed Ex	DATE	TIME
2. RELINQUISHED BY Fed Ex	DATE 12/03/05	TIME 10:15	2. RECEIVED BY George Spencer	DATE 12/03/05	TIME 10:15
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

9100000

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2645 | PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G. Walker	850 385 9899	KATAHDIN / Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olsow	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fedex 8532 2422 2178		Westbrook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC	EDB	TAL METALS	FL-PRO	SVOA/PAHs	PEST/PCB	AS/Fe/Al	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	P	G	G	G		
		PRESERVATIVE USED							HCl	HCl	HNO3	HCl	4°	4°		
12/2	0945	PEW 46RB 1202	—	—	—	QC	G	12	3	2	1	2	2	2	—	—
12/2	0945	PEW 46TB 1202	—	—	—	QC	G	2	2	—	—	—	—	—	—	—
12/2	1415	PEW 45SB2601	SB26	6"	2'	SO	G	1	—	—	—	—	—	—	1	
12/2	1425	PEW 45 SB2701	SB27	6"	2'	SO	G	1	—	—	—	—	—	—	1	

1. RELINQUISHED BY	Matt D. Olson	DATE 12-2-05	TIME 1800	1. RECEIVED BY	Fed Ex	DATE / TIME
2. RELINQUISHED BY	Fed Ex	DATE 12/03/05	TIME 10:15	2. RECEIVED BY	G. Brewer	DATE 12/03/05 TIME 10:15
3. RELINQUISHED BY		DATE	TIME	3. RECEIVED BY		DATE / TIME

COMMENTS

L00088

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY) 4/02R

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR SPLP BLK -120805

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____g
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____g
					_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 120805 pH of Fluid Today_____

Extract Use

_____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

_____100% Solids

10 g of Waste added to 200 SKT 120805 100 mL of fluid (fluid volume = 20 times wt of solid sample)

_____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste	_____g
2)	Weight Container 1 + Residue	_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)	_____g
4)	Weight of Pre-extraction Collection Device	_____g
5)	Weight of Device and Filtrate	_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))	

Pressure before Tumbling 36 Pressure After 38
Time Started Tumbling 15:01 Time Stopped 09:00 Hours Extracted 18 hrs 1min
Room Temp @ Start 20.5°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 120905

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR WW6482 - 19

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H_2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 120805 pH of Fluid Today_____

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 38 Pressure After 38
Time Started Tumbling 15:01 Time Stopped 09:00 Hours Extracted 18hrs 1min
Room Temp @ Start 20.5°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 120905

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR MW6482 - 20

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today 1/20 (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 120805 pH of Fluid Today_____

Extract Use

_____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

_____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

_____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 36 Pressure After 36
Time Started Tumbling 15:61 Time Stopped 09:00 Hours Extracted 18 hrs 1 min
Room Temp @ Start 20.5 Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 120905

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR MW6482 - 21

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H_2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 120805 pH of Fluid Today_____

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 38 Pressure After 38
Time Started Tumbling 15:01 Time Stopped 09:00 Hours Extracted 18hrs 1mn
Room Temp @ Start 20.5°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 120905

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR SPLP-BLK - 121205

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H_2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____ (list date) Refer to Prep Info on Page_____

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 121205 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 40 Pressure After 40
Time Started Tumbling 16:20 Time Stopped 10:29 Hours Extracted 18 hrs 9 mins
Room Temp @ Start 21°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 121305

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR WW6482 - 22

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H20 (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 12/20/05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 42 Pressure After 42
Time Started Tumbling 16:20 Time Stopped 10:29 Hours Extracted 18 hrs 9 mins
Room Temp @ Start 21°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 12/30/05

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KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR WL482 - 23

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - ~~(1)~~)	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst SKT 121205 Date 121205 pH of Fluid Today NA

Extract Use

_____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

_____100% Solids

16 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

_____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1.		
	((3) - (6a))	(20 * (7a))	

Pressure before Tumbling 40 Pressure After 40
Time Started Tumbling 16:20 Time Stopped 10:29 Hours Extracted 18 hrs 9 mins
Room Temp @ Start 21°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 121305

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR NV6487 - 24

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today 1620 (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst SKT Date 121205 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1.		
	((3) - (6a))	(20 * (7a))	

SKT 121305

Pressure before Tumbling 42 Pressure After 41
Time Started Tumbling 16:20 Time Stopped 10:29 Hours Extracted ~~18hrs 19m~~ 18hrs 9 mins
Room Temp @ Start 21°C Room Temp @ End 21°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst SKT Date 121305

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KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR SPLP BLK-121305

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H_2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst ALH Date 121305 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8) _____mL of Fluid #1.		
	((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 32 Pressure After 32
Time Started Tumbling 1655 Time Stopped 1125 Hours Extracted 1 hrs 30 mins
Room Temp @ Start 21 Room Temp @ End 19.5

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKC Date 12-14-05

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR WU6482 - 25

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst EKL Date 12/13-05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 32 Pressure After 37
Time Started Tumbling 16.55 Time Stopped 11 25 Hours Extracted 18 hrs 30 min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKL Date 12-14-05

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KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR LV6482-26

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today HCl (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst EKC Date 12-13-05 pH of Fluid Today 2.8

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1.		
	((3) - (6a))	(20 * (7a))	

Pressure before Tumbling ALH 121305 36 Pressure After 36
Time Started Tumbling 1655 Time Stopped 1155 Hours Extracted 18 hrs 30 min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKC Date 12-14-05

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR IJV6482-27

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H-10 (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst EKL Date 12-13-05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

16 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___	6b
7)	_____g of Solid Phase was added to 8) _____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 38 Pressure After 38
Time Started Tumbling 1655 Time Stopped 1155 Hours Extracted 18 hrs 30 min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKL Date 12-14-05 Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR WV6482 28

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	____g	7)	Weight of Filter	____g
2)	Weight Container 1 + Waste	____g	8)	Wt of Filter and Wet Solid	____g
3)	Weight of Waste ((2) - (1))	____g	9)	Wt of Wet Solid Phase ((8) - (7))	____g
4)	Weight of Container 2	____g	10)	%Wet Solids (100*(9)/(3))	____
5)	Weight of Container 2 and Filtrate	____g	11)	Wt of Filter + Solid Phase Dry	____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	____g
			13)	%Dry Solids (100*(12)/(3))	____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today #20 (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst EKL Date 12-13-05 pH of Fluid Today 2A

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		____g
2)	Weight Container 1 + Residue		____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		____g
4)	Weight of Pre-extraction Collection Device		____g
5)	Weight of Device and Filtrate		____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a ___/___ 6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 40 Pressure After 40
Time Started Tumbling 1155 Time Stopped 1155 Hours Extracted 18hrs 30min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKL Date 12-14-05

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR LW6482-29

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____added, then solution diluted to 1 L with reagent water.

Analyst EKL Date 12-13-05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1.		
	((3) - (6a))	(20 * (7a))	

Pressure before Tumbling 35 Pressure After 35
Time Started Tumbling 1655 Time Stopped 1155 Hours Extracted 18 hrs 30min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKL Date 12-14-05

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR LW6482-30

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today HP (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst EKL Date 12-13-05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 40 Pressure After 38
Time Started Tumbling 1655 Time Stopped 1155 Hours Extracted 18 hrs 30 min
Room Temp @ Start 21 Room Temp @ End_____

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKL Date 12-14-05

Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR SPUBIK - 12-14-05

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____Refer to Prep Info on Page_____
(list date)

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ___N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst BKC Date 12-14-05 pH of Fluid Today NA

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1.		
	((3) - (6a))	(20 * (7a))	

Pressure before Tumbling 40 Pressure After 40
Time Started Tumbling 1507 Time Stopped 1035 Hours Extracted 18hrs 28min
Room Temp @ Start 20°C Room Temp @ End 21.5°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst BKC Date 12-15-05 Rev 8/99

KATAHDIN ANALYTICAL SERVICES, INC.
VOLATILE TCLP EXTRACTION BENCH SHEET FOR 605482 - 31

Dry Weight Determination 100%_____ <0.5%_____ %Wet Solids_____

_____Refer to non-volatile TCLP extraction sheet, page #_____for _____-_____

Sample description:_____ Homogeneous_____ Non-homogeneous_____

1)	Weight Container 1 + Residue	_____g	7)	Weight of Filter	_____g
2)	Weight Container 1 + Waste	_____g	8)	Wt of Filter and Wet Solid	_____g
3)	Weight of Waste ((2) - (1))	_____g	9)	Wt of Wet Solid Phase ((8) - (7))	_____g
4)	Weight of Container 2	_____g	10)	%Wet Solids (100*(9)/(3))	_____
5)	Weight of Container 2 and Filtrate	_____g	11)	Wt of Filter + Solid Phase Dry	_____g
6)	Wt(g)/Vol(mL) of Filtrate ((5) - (4))	___/___	12)	Wt of Solid Phase Dry ((11) - (7))	_____g
			13)	%Dry Solids (100*(12)/(3))	_____

Analyst_____ Date_____

Extraction Fluid Preparation and pH Check Fluid #1 Prepared Today H2O (Complete Prep Info Below)
Fluid #1 Prepared Previously _____ (list date) Refer to Prep Info on Page_____

_____mL glacial acetic acid, manuf./lot #_____, added to 500 mL reagent water; _____mL ____N NaOH, manuf./lot #_____ added, then solution diluted to 1 L with reagent water.

Analyst EKC Date 12-14-05 pH of Fluid Today N/A

Extract Use

____<0.5% Solids (Filter adequate sample volume) _____mL Filtered.

____100% Solids

10 g of Waste added to 200 mL of fluid (fluid volume = 20 times wt of solid sample)

____Free Liquid present (See Equation A for amount of waste to filter)

(A) X = Desired weight of solid phase on filter * 100/ (%Wet Solid)

1)	Weight Container 1 + Waste		_____g
2)	Weight Container 1 + Residue		_____g
3)	Weight of Waste Charged to ZHE ((1) - (2), or weighed directly into vessel)		_____g
4)	Weight of Pre-extraction Collection Device		_____g
5)	Weight of Device and Filtrate		_____g
6)	Weight ((5) - (4))/Volume (mL) of Filtrate	6a_____/_____6b	
7)	_____g of Solid Phase was added to 8)_____mL of Fluid #1. ((3) - (6a)) (20 * (7a))		

Pressure before Tumbling 40 Pressure After 40
Time Started Tumbling 1507 Time Stopped 1035 Hours Extracted 19hrs 28min
Room Temp @ Start 20°C Room Temp @ End 21.5°C

Was pre-extracted filtrate recombined with extract _____YES _____NO
If "NO" enter volume of filtrate (6) _____
Amount of Fluid (8) _____
Analyst EKC Date 12-15-05

Rev 8/99

FIELD DUPLICATE PRECISION

ANALYTE	PEN46SB3001	QUAL	PEN46SB3001D	QUAL	RPD	DIFFERENCE
Ethylbenzene	2		0.2	U	163.64	1.8
Total Xylenes	12		1	U	169.23	11

NAS PENSACOLA
SOIL DATA
CTO367-2

FRACTION	CHEMICAL	PEN46SB3001	UNITS	PEN46SB3001D	RPD	D
PAH	BENZO(A)ANTHRACENE	ND	UG/KG	8 J	NC	NC
PAH	BENZO(A)PYRENE	5 J	UG/KG	4 J	22.22	1.00
PAH	BENZO(G,H,I)PERYLENE	3 J	UG/KG	ND	NC	NC
PAH	CHRYSENE	ND	UG/KG	3 J	NC	NC
PAH	FLUORANTHENE	11 J	UG/KG	8 J	31.58	3.00
PAH	INDENO(1,2,3-CD)PYRENE	2 J	UG/KG	ND	NC	NC
PAH	PHENANTHRENE	7 J	UG/KG	4 J	54.55	3.00 C.K. 2005
PAH	PYRENE	9 J	UG/KG	7 J	25.00	2.00

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

NAS PENSACOLA
SOIL DATA
CTO367-2

FRACTION	CHEMICAL	PEN46SB3001	UNITS	PEN46SB3001D	RPD	D
OV	ACETONE	13 J	UG/KG	12 J	8.00	1.00
OV	METHYLENE CHLORIDE	ND	UG/KG	~~5~~ ND	NC	NC

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Tuesday, January 31, 2006

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG23738-LCS	WG23738-1	107	123J	100	102	1
02	WG23738-BLANK	WG23738-2	115	135J	105	108	1
03	PEN46TB1202	WV6482-15	115	137J	104	104	1
04	WG23923-LCS	WG23923-1	103	100	91	106	0
05	WG23923-BLANK	WG23923-2	76	78	74	79	0
06	PEN46RB1202	WV6482-14	102	100	107	105	0
07	WG24016-LCS	WG24016-1	102	106	100	104	0
08	WG24016-BLANK	WG24016-2	102	108	104	104	0
09	TCLP BLANK	WG24016-3	103	111	103	103	0
10	TCLP BLANK	WG24016-4	103	108	104	103	0
11	TCLP BLANK	WG24016-5	104	111	103	103	0
12	PEN46SB2901	WV6482-19	98	113	103	104	0
13	PEN46SB2902	WV6482-20	101	118	102	105	0
14	PEN46SB2903	WV6482-21	105	119	104	105	0
15	PEN46SB3001	WV6482-22	106	117	105	107	0
16	PEN46SB3001D	WV6482-23	104	114	104	103	0
17	PEN46SB3002	WV6482-24	106	115	104	105	0
18	PEN46SB3003	WV6482-25	106	122J	106	108	1
19	PEN46SB3101	WV6482-26	100	115	106	104	0
20	PEN46SB3102	WV6482-27	104	121J	103	104	1
21	PEN46SB3103	WV6482-28	106	120J	107	105	1
22	PEN45SB2501	WV6482-29	106	124J	104	105	1
23	PEN45SB2502	WV6482-30	108	123J	105	105	1
24	WG24050-LCS	WG24050-1	103	109	102	106	0
25	WG24050-BLANK	WG24050-2	103	116	103	103	0
26	TCLP BLANK	WG24050-3	106	121J	103	106	1
27	PEN45SB2503	WV6482-31	105	116	106	108	0
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24016-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: S8024 Lab Sample ID: WG24016-2

Date Analyzed: 12/19/05 Time Analyzed: 1131

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24016-LCS	WG24016-1	S8022	12/19/05	1013
02	TCLP BLANK	WG24016-3	S8025	12/19/05	1212
03	TCLP BLANK	WG24016-4	S8026	12/19/05	1244
04	TCLP BLANK	WG24016-5	S8027	12/19/05	1317
05	PEN46SB2901	WV6482-19	S8028	12/19/05	1350
06	PEN46SB2902	WV6482-20	S8029	12/19/05	1423
07	PEN46SB2903	WV6482-21	S8030	12/19/05	1457
08	PEN46SB3001	WV6482-22	S8031	12/19/05	1529
09	PEN46SB3001D	WV6482-23	S8032	12/19/05	1602
10	PEN46SB3002	WV6482-24	S8033	12/19/05	1634
11	PEN46SB3003	WV6482-25	S8034	12/19/05	1707
12	PEN46SB3101	WV6482-26	S8035	12/19/05	1740
13	PEN46SB3102	WV6482-27	S8036	12/19/05	1813
14	PEN46SB3103	WV6482-28	S8037	12/19/05	1846
15	PEN45SB2501	WV6482-29	S8038	12/19/05	1919
16	PEN45SB2502	WV6482-30	S8039	12/19/05	1952
17					
18					
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29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 19-DEC-2005 12:12
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24016-3
Client ID: TCLP Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	4	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.8	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	I	0.8	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		103%				
1868-53-7	Dibromofluoromethane		103%				

Sample Data Summary A0000046

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 19-DEC-2005 12:44
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24016-4
Client ID: TCLP Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.6	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	I	0.8	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		103%				
1868-53-7	Dibromofluoromethane		103%				

Sample Data Summary A0000047

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 19-DEC-2005 13:17
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24016-5
Client ID: TCLP Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		6	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.5	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	I	2	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	I	1	1.0	2	2	0.5
95-47-6	o-Xylene	I	0.4	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		103%				
1868-53-7	Dibromofluoromethane		104%				

Sample Data Summary A0000048

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 19-DEC-2005 11:31
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24016-2
Client ID: WG24016-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		102%				

Sample Data Summary A0000039

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/19/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24016-1
Client ID: WG24016-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	69		139	0-183
Chloromethane	50	NA	58		117	35-145
Vinyl chloride	50	NA	61		122	43-136
Bromomethane	50	NA	65		131	57-139
Chloroethane	50	NA	62		124	48-132
Trichlorofluoromethane	50	NA	62		124	52-126
Diethyl Ether	50	NA	57		114	65-151
Tertiary-butyl alcohol	250	NA	406	/	162	55-138
1,1-Dichloroethene	50	NA	55		110	88-123
Carbon Disulfide	50	NA	52		104	63-105
Freon-113	50	NA	51		103	80-125
Iodomethane	50	NA	51		101	52-165
Acrolein	250	NA	282		113	62-117
Methylene Chloride	50	NA	55		110	79-122
Acetone	50	NA	59		119	65-156
Isobutyl Alcohol	1000	NA	1490	/	149	45-126
trans-1,2-Dichloroethene	50	NA	54		107	83-121
Allyl Chloride	50	NA	57		114	67-133
Methyl tert-butyl ether	100	NA	117		117	68-127
Acetonitrile	500	NA	595		119	75-122
Di-isopropyl ether	50	NA	60		119	82-124
Chloroprene	50	NA	58		116	69-128
Methacrylonitrile	500	NA	599		120	78-126
Propionitrile	500	NA	600		120	77-126
1,1-Dichloroethane	50	NA	57		114	80-118
Acrylonitrile	250	NA	299		120	65-128
Ethyl tertiary-butyl ether	50	NA	59		119	84-120
Vinyl Acetate	50	NA	51		103	77-151
cis-1,2-Dichloroethene	50	NA	54		109	85-113
1,2-Dichloroethylene (total)	100	NA	108		108	85-116
Methyl Methacrylate	50	NA	53		107	73-119
2,2-Dichloropropane	50	NA	59		118	67-134
Bromochloromethane	50	NA	54		107	85-111
Chloroform	50	NA	54		109	81-112
Carbon Tetrachloride	50	NA	57		113	79-119
Tetrahydrofuran	50	NA	57		114	66-125
1,1,1-Trichloroethane	50	NA	57	(*)	114	79-113
1,1-Dichloropropene	50	NA	55		110	82-121
2-Butanone	50	NA	92	(*)	184	97-179
Benzene	50	NA	53		106	83-117
Cyclohexane	50	NA	62		125	60-140
Ethyl Methacrylate	50	NA	52		105	75-116
Tertiary-amyl methyl ether	50	NA	58		117	88-117
1,2-Dichloroethane	50	NA	56	(*)	112	76-108
Trichloroethene	50	NA	50		101	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/19/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24016-1
Client ID: WG24016-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	53		106	76-132
1,2-Dichloropropane	50	NA	54		107	82-110
Bromodichloromethane	50	NA	52	*	103	78- 98
cis-1,3-dichloropropene	50	NA	56		111	85-114
1,4-Dioxane	1000	NA	1030		103	34-126
2-Chloroethylvinylether	50	NA	54		109	3-152
Toluene	50	NA	53		106	84-121
4-methyl-2-pentanone	50	NA	62		124	67-124
Tetrachloroethene	50	NA	50		100	73-112
trans-1,3-Dichloropropene	50	NA	59		119	91-120
1,1,2-Trichloroethane	50	NA	52		104	79-117
Dibromochloromethane	50	NA	53		106	87-112
1,3-Dichloropropane	50	NA	53		107	87-113
1,2-Dibromoethane	50	NA	53		106	83-110
2-Hexanone	50	NA	60		120	77-122
Chlorobenzene	50	NA	51		103	84-117
Ethylbenzene	50	NA	52		104	81-115
1,1,1,2-Tetrachloroethane	50	NA	52		105	86-109
Xylenes (total)	150	NA	161		107	85-120
m+p-Xylenes	100	NA	107		107	87-119
o-Xylene	50	NA	55		109	78-125
Styrene	50	NA	55	*	109	82-107
Bromoform	50	NA	51		102	75-111
Isopropylbenzene	50	NA	59		118	75-132
cis-1,4-Dichloro-2-Butene	50	NA	53		107	60-150
trans-1,4-Dichloro-2-Butene	50	NA	54		108	68-124
Bromobenzene	50	NA	50		101	84-115
N-Propylbenzene	50	NA	54		107	85-118
1,1,2,2-Tetrachloroethane	50	NA	53		107	81-116
1,3,5-Trimethylbenzene	50	NA	54		108	79-117
2-Chlorotoluene	50	NA	51		101	85-118
1,2,3-Trichloropropane	50	NA	53		107	81-112
4-Chlorotoluene	50	NA	53		107	88-114
tert-Butylbenzene	50	NA	54		108	68-125
Pentachloroethane	50	NA	56		112	40-168
1,2,4-Trimethylbenzene	50	NA	54		107	78-112
P-Isopropyltoluene	50	NA	56		112	77-116
1,3-Dichlorobenzene	50	NA	51		102	84-113
1,4-Dichlorobenzene	50	NA	51		102	83-110
N-Butylbenzene	50	NA	54		109	81-113
sec-Butylbenzene	50	NA	55		109	81-115
1,2-Dichlorobenzene	50	NA	52		104	84-114
1,2-Dibromo-3-Chloropropane	50	NA	63	*	126	72-112
1,3,5-Trichlorobenzene	50	NA	51		103	61-151
Hexachlorobutadiene	50	NA	50		99	62-116

FORM III VOA-2
S8022.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/19/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24016-1
Client ID: WG24016-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24016
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	54		108	59-123
1,2,3-Trimethylbenzene	50	NA	53		106	87-110
Naphthalene	50	NA	58		116	36-143
1,2,3-Trichlorobenzene	50	NA	58	*	117	53-100
Methyl Acetate	50	NA	60	*	120	58-112
Methylcyclohexane	50	NA	56		111	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24050-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: S8046 Lab Sample ID: WG24050-2

Date Analyzed: 12/20/05 Time Analyzed: 1210

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG24050-LCS	WG24050-1	S8044	12/20/05	1054
02	TCLP BLANK	WG24050-3	S8047	12/20/05	1252
03	PEN45SB2503	WV6482-31	S8048	12/20/05	1324
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date: 12/20/05
Extraction Date:
Analysis Date: 20-DEC-2005 12:52
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24050-3
Client ID: TCLP Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone		9	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride		6	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	I	0.6	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		J121%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		106%				
1868-53-7	Dibromofluoromethane		106%				

Sample Data Summary A0000049

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 20-DEC-2005 12:10
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24050-2
Client ID: WG24050-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		103%				
1868-53-7	Dibromofluoromethane		103%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/20/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24050-1
Client ID: WG24050-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	68		136	0-183
Chloromethane	50	NA	60		120	35-145
Vinyl chloride	50	NA	62		124	43-136
Bromomethane	50	NA	68		137	57-139
Chloroethane	50	NA	63		126	48-132
Trichlorofluoromethane	50	NA	63		125	52-126
Diethyl Ether	50	NA	62		123	65-151
Tertiary-butyl alcohol	250	NA	441	*	176	55-138
1,1-Dichloroethene	50	NA	55		109	88-123
Carbon Disulfide	50	NA	53	*	106	63-105
Freon-113	50	NA	54		107	80-125
Iodomethane	50	NA	48		95	52-165
Acrolein	250	NA	314	*	126	62-117
Methylene Chloride	50	NA	56		112	79-122
Acetone	50	NA	70		140	65-156
Isobutyl Alcohol	1000	NA	1600	*	160	45-126
trans-1,2-Dichloroethene	50	NA	53		106	83-121
Allyl Chloride	50	NA	62		124	67-133
Methyl tert-butyl ether	100	NA	120		120	68-127
Acetonitrile	500	NA	666	*	133	75-122
Di-isopropyl ether	50	NA	63	*	127	82-124
Chloroprene	50	NA	63		126	69-128
Methacrylonitrile	500	NA	663	*	133	78-126
Propionitrile	500	NA	644	*	129	77-126
1,1-Dichloroethane	50	NA	58		116	80-118
Acrylonitrile	250	NA	313		125	65-128
Ethyl tertiary-butyl ether	50	NA	63	*	126	84-120
Vinyl Acetate	50	NA	51		101	77-151
cis-1,2-Dichloroethene	50	NA	54		108	85-113
1,2-Dichloroethylene (total)	100	NA	107		107	85-116
Methyl Methacrylate	50	NA	58		115	73-119
2,2-Dichloropropane	50	NA	60		120	67-134
Bromochloromethane	50	NA	52		103	85-111
Chloroform	50	NA	55		110	81-112
Carbon Tetrachloride	50	NA	56		112	79-119
Tetrahydrofuran	50	NA	57		113	66-125
1,1,1-Trichloroethane	50	NA	56		112	79-113
1,1-Dichloropropene	50	NA	55		110	82-121
2-Butanone	50	NA	93	*	186	97-179
Benzene	50	NA	53		105	83-117
Cyclohexane	50	NA	62		125	60-140
Ethyl Methacrylate	50	NA	54		109	75-116
Tertiary-amyl methyl ether	50	NA	61	*	123	88-117
1,2-Dichloroethane	50	NA	56	*	113	76-108
Trichloroethene	50	NA	51		102	85-118

FORM III VOA-2
S8044.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/20/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24050-1
Client ID: WG24050-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	53		106	76-132
1,2-Dichloropropane	50	NA	54		109	82-110
Bromodichloromethane	50	NA	52	*	104	78- 98
cis-1,3-dichloropropene	50	NA	55		111	85-114
1,4-Dioxane	1000	NA	1040		104	34-126
2-Chloroethylvinylether	50	NA	53		107	3-152
Toluene	50	NA	51		102	84-121
4-methyl-2-pentanone	50	NA	63	*	127	67-124
Tetrachloroethene	50	NA	49		98	73-112
trans-1,3-Dichloropropene	50	NA	60		120	91-120
1,1,2-Trichloroethane	50	NA	53		106	79-117
Dibromochloromethane	50	NA	52		103	87-112
1,3-Dichloropropane	50	NA	53		106	87-113
1,2-Dibromoethane	50	NA	52		104	83-110
2-Hexanone	50	NA	61		122	77-122
Chlorobenzene	50	NA	50		99	84-117
Ethylbenzene	50	NA	52		103	81-115
1,1,1,2-Tetrachloroethane	50	NA	51		102	86-109
Xylenes (total)	150	NA	157		105	85-120
m+p-Xylenes	100	NA	104		104	87-119
o-Xylene	50	NA	53		106	78-125
Styrene	50	NA	54		107	82-107
Bromoform	50	NA	50		101	75-111
Isopropylbenzene	50	NA	58		115	75-132
cis-1,4-Dichloro-2-Butene	50	NA	57		114	60-150
trans-1,4-Dichloro-2-Butene	50	NA	58		115	68-124
Bromobenzene	50	NA	49		98	84-115
N-Propylbenzene	50	NA	54		107	85-118
1,1,2,2-Tetrachloroethane	50	NA	53		107	81-116
1,3,5-Trimethylbenzene	50	NA	53		106	79-117
2-Chlorotoluene	50	NA	50		99	85-118
1,2,3-Trichloropropane	50	NA	54		107	81-112
4-Chlorotoluene	50	NA	53		106	88-114
tert-Butylbenzene	50	NA	54		107	68-125
Pentachloroethane	50	NA	57		115	40-168
1,2,4-Trimethylbenzene	50	NA	53		105	78-112
P-Isopropyltoluene	50	NA	55		110	77-116
1,3-Dichlorobenzene	50	NA	49		99	84-113
1,4-Dichlorobenzene	50	NA	50		100	83-110
N-Butylbenzene	50	NA	54		109	81-113
sec-Butylbenzene	50	NA	54		107	81-115
1,2-Dichlorobenzene	50	NA	50		101	84-114
1,2-Dibromo-3-Chloropropane	50	NA	64	*	129	72-112
1,3,5-Trichlorobenzene	50	NA	53		106	61-151
Hexachlorobutadiene	50	NA	48		96	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/20/05
Report Date: 01/03/2006
Matrix:

Lab ID: WG24050-1
Client ID: WG24050-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG24050
Units:

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53		107	59-123
1,2,3-Trimethylbenzene	50	NA	54		109	87-110
Naphthalene	50	NA	59		118	36-143
1,2,3-Trichlorobenzene	50	NA	59		118	53-100
Methyl Acetate	50	NA	65		131	58-112
Methylcyclohexane	50	NA	59		118	78-112

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: SB111 BFB Injection Date: 12/15/05

Instrument ID: GCMS-S BFB Injection Time: 1342

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.6
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.4 (8.0)1
176	95.0 - 101.0% of mass 174	66.0 (98.9)1
177	5.0 - 9.0% of mass 176	5.3 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD200S15B	S7987	12/15/05	1721
02		VSTD100S15B	S7988	12/15/05	1754
03		VSTD050S15B	S7989	12/15/05	1827
04		VSTD020S15B	S7990	12/15/05	1859
05		VSTD005S15C	S7992	12/15/05	2005
06		VSTD001S15B	S7993	12/15/05	2038
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 6

VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date(s): 12/15/05 12/15/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1439 2110

LAB FILE ID: RF1: S7993 RF5: S7992 RF20: S7990
RF50: S7989 RF100: S7988 RF200: S7987

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
Chloromethane	0.889	0.813	0.868	0.793	0.816	0.807	AVRG		0.83093587	4.618	15.000
Vinyl chloride	0.662	0.575	0.656	0.647	0.653	0.641	AVRG		0.63895161	5.067	15.000
Bromomethane	0.318	0.296	0.313	0.318	0.336	0.346	AVRG		0.32109874	5.412	15.000
Chloroethane	0.402	0.339	0.368	0.365	0.351	0.342	AVRG		0.36126475	6.414	15.000
1,1-Dichloroethene	0.501	0.426	0.494	0.473	0.481	0.472	AVRG		0.47446523	5.586	15.000
Acetone	0.040	0.037	0.037	0.028	0.037	0.030	AVRG		3.482e-002	13.794	15.000
Carbon Disulfide	1.791	1.515	1.739	1.702	1.735	1.717	AVRG		1.69962770	5.611	15.000
Methylene Chloride	21466	51947	185520	435590	872960	1623500	LINR	-3.16e-002	1.78837175	0.99956	0.99000
1,1-Dichloroethane	0.984	0.916	1.036	0.986	1.018	0.997	AVRG		0.98935084	4.165	15.000
1,2-Dichloroethylene (tot							AVRG				0.000
2-Butanone	0.034	0.046	0.049	0.038		0.042	AVRG		4.168e-002	14.523	15.000
Chloroform	0.942	0.830	0.948	0.878	0.915	0.894	AVRG		0.90100287	4.900	15.000
1,1,1-Trichloroethane	0.667	0.623	0.718	0.694	0.715	0.703	AVRG		0.68673058	5.266	15.000
Carbon Tetrachloride	0.296	0.262	0.311	0.310	0.325	0.330	AVRG		0.30560305	8.077	15.000
Benzene	1.269	1.148	1.309	1.264	1.316	1.309	AVRG		1.26907643	4.985	15.000
1,2-Dichloroethane	0.374	0.356	0.385	0.356	0.396	0.378	AVRG		0.37426632	4.276	15.000
Trichloroethene	0.323	0.288	0.315	0.306	0.315	0.312	AVRG		0.30976719	3.903	15.000
1,2-Dichloropropane	0.332	0.299	0.338	0.321	0.336	0.335	AVRG		0.32695388	4.504	15.000
Bromodichloromethane	0.375	0.363	0.412	0.391	0.423	0.418	AVRG		0.39725168	6.196	15.000
cis-1,3-dichloropropene	0.446	0.436	0.512	0.490	0.542	0.531	AVRG		0.49277030	8.935	15.000
4-methyl-2-pentanone	22361	161490	728240	1362400		5457900	LINR	-5.77e-002	4.39412718	0.99865	0.99000
Toluene	0.708	0.672	0.783	0.747	0.779	0.788	AVRG		0.74600996	6.334	15.000
trans-1,3-Dichloropropene	0.325	0.354	0.410	0.372	0.431	0.413	AVRG		0.38436079	10.569	15.000
1,1,2-Trichloroethane	0.192	0.197	0.222	0.188	0.221	0.207	AVRG		0.20441358	7.177	15.000
Tetrachloroethene	0.255	0.226	0.263	0.254	0.259	0.258	AVRG		0.25241184	5.238	15.000
2-Hexanone	13204	106190	477600	892600		3711800	LINR	-5.03e-002	5.51175066	0.99864	0.99000
Dibromochloromethane	0.249	0.268	0.310	0.283	0.330	0.304	AVRG		0.29086356	10.182	15.000
1,2-Dibromoethane	0.217	0.233	0.264	0.224	0.270	0.247	AVRG		0.24248168	8.804	15.000
Chlorobenzene	0.994	0.881	0.994	0.954	0.983	0.972	AVRG		0.96298482	4.468	15.000
Ethylbenzene	1.638	1.473	1.697	1.655	1.693	1.667	AVRG		1.63732486	5.098	15.000
Xylenes (total)							AVRG				0.000
Styrene	0.768	0.868	1.080	1.051	1.127	1.104	AVRG		0.99971526	14.658	15.000
Bromoform	2600	16139	77114	170010	430790	749420	LINR	1.183e-002	5.30553733	0.99482	0.99000
1,1,2,2-Tetrachloroethane	0.642	0.692	0.774	0.616	0.780	0.673	AVRG		0.69626708	9.735	15.000
trans-1,2-Dichloroethene	0.571	0.495	0.556	0.534	0.542	0.528	AVRG		0.53770414	4.823	15.000
cis-1,2-Dichloroethene	0.536	0.506	0.580	0.551	0.574	0.560	AVRG		0.55119310	4.977	15.000
m+p-Xylenes	0.567	0.553	0.654	0.637	0.661	0.649	AVRG		0.62008998	7.646	15.000
o-Xylene	0.475	0.514	0.610	0.601	0.627	0.620	AVRG		0.57457250	11.101	15.000
1,2-Dichloroethane-D4	0.567	0.500	0.552	0.487	0.526	0.513	AVRG		0.52433843	5.867	15.000
Toluene-D8	0.985	0.898	1.089	1.033	1.062	1.104	AVRG		1.02859912	7.453	15.000
P-Bromofluorobenzene	0.371	0.334	0.408	0.382	0.406	0.425	AVRG		0.38766396	8.405	15.000
Dibromofluoromethane	0.496	0.456	0.535	0.502	0.520	0.527	AVRG		0.50610228	5.671	15.000

FORM 6

VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date(s): 12/15/05 12/15/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1439 2110

Average %RSD test result.
Calculate Average %RSD: 8.128489494
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: SB113 BFB Injection Date: 12/19/05

Instrument ID: GCMS-S BFB Injection Time: 0822

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	28.6
75	30.0 - 60.0% of mass 95	49.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	67.8
175	5.0 - 9.0% of mass 174	4.8 (7.1)1
176	95.0 - 101.0% of mass 174	67.2 (99.2)1
177	5.0 - 9.0% of mass 176	4.1 (6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S19A	S8020	12/19/05	0845
02	WG24016-LCS	WG24016-1	S8022	12/19/05	1013
03	WG24016-BLANK	WG24016-2	S8024	12/19/05	1131
04	TCLP BLANK	WG24016-3	S8025	12/19/05	1212
05	TCLP BLANK	WG24016-4	S8026	12/19/05	1244
06	TCLP BLANK	WG24016-5	S8027	12/19/05	1317
07	PEN46SB2901	WV6482-19	S8028	12/19/05	1350
08	PEN46SB2902	WV6482-20	S8029	12/19/05	1423
09	PEN46SB2903	WV6482-21	S8030	12/19/05	1457
10	PEN46SB3001	WV6482-22	S8031	12/19/05	1529
11	PEN46SB3001D	WV6482-23	S8032	12/19/05	1602
12	PEN46SB3002	WV6482-24	S8033	12/19/05	1634
13	PEN46SB3003	WV6482-25	S8034	12/19/05	1707
14	PEN46SB3101	WV6482-26	S8035	12/19/05	1740
15	PEN46SB3102	WV6482-27	S8036	12/19/05	1813
16	PEN46SB3103	WV6482-28	S8037	12/19/05	1846
17	PEN45SB2501	WV6482-29	S8038	12/19/05	1919
18	PEN45SB2502	WV6482-30	S8039	12/19/05	1952
19					
20					
21					
22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date: 12/19/05 Time: 0845

Lab File ID: S8020 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.8749700	0.8749700	0.1	5.29		AVRG	
Vinyl chloride	0.6390000	0.6881900	0.6881900	0.01	7.70	20.00	AVRG	
Bromomethane	0.3210000	0.3601200	0.3601200	0.01	12.19		AVRG	
Chloroethane	0.3610000	0.4320400	0.4320400	0.01	19.68		AVRG	
1,1-Dichloroethene	0.4740000	0.4837000	0.4837000	0.01	2.05	20.00	AVRG	
Acetone	3.5e-002	4.09e-002	4.09e-002	0.01	16.86		AVRG	
Carbon Disulfide	1.7000000	1.8441000	1.8441000	0.01	8.48		AVRG	
Methylene Chloride	53.808000	50.000000	0.6194400	0.01	7.62		LINR	
1,1-Dichloroethane	0.9900000	1.1315000	1.1315000	0.1	14.29		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.1552000	1.1552000	0.01	0.00		AVRG	<-
2-Butanone	4.2e-002	5.51e-002	5.51e-002	0.01	31.19		AVRG	
Chloroform	0.9010000	0.9828600	0.9828600	0.01	9.08	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.7642600	0.7642600	0.01	11.25		AVRG	
Carbon Tetrachloride	0.3060000	0.3250900	0.3250900	0.01	6.24		AVRG	
Benzene	1.2690000	1.3098000	1.3098000	0.01	3.22		AVRG	
1,2-Dichloroethane	0.3740000	0.4234800	0.4234800	0.01	13.23		AVRG	
Trichloroethene	0.3100000	0.3029500	0.3029500	0.01	-2.27		AVRG	
1,2-Dichloropropane	0.3270000	0.3494400	0.3494400	0.01	6.86	20.00	AVRG	
Bromodichloromethane	0.3970000	0.4297600	0.4297600	0.01	8.25		AVRG	
cis-1,3-dichloropropene	0.4930000	0.5439200	0.5439200	0.01	10.33		AVRG	
4-methyl-2-pentanone	346.60000	250.00000	0.3181400	0.01	38.64		LINR	
Toluene	0.7460000	0.7612300	0.7612300	0.01	2.04	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.4420200	0.4420200	0.01	15.11		AVRG	
1,1,2-Trichloroethane	0.2040000	0.2218300	0.2218300	0.01	8.74		AVRG	
Tetrachloroethene	0.2520000	0.2364100	0.2364100	0.01	-6.19		AVRG	
2-Hexanone	343.72000	250.00000	0.2512700	0.01	37.49		LINR	
Dibromochloromethane	0.2910000	0.3178600	0.3178600	0.01	9.23		AVRG	
1,2-Dibromoethane	0.2420000	0.2586100	0.2586100	0.01	6.86		AVRG	
Chlorobenzene	0.9630000	0.9613500	0.9613500	0.3	-0.17		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date: 12/19/05 Time: 0845

Lab File ID: S8020 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.6370000	1.6792000	1.6792000	0.01	2.58	20.00	AVRG	
Xylenes (total)	0.0000000	1.9111000	1.9111000	0.01	0.00		AVRG	<-
Styrene	1.0000000	1.0772000	1.0772000	0.01	7.72		AVRG	
Bromoform	52.596000	50.000000	0.1960400	0.1	5.19		LINR	
1,1,2,2-Tetrachloroethane	0.6960000	0.7630100	0.7630100	0.3	9.63		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5573000	0.5573000	0.01	3.59		AVRG	
cis-1,2-Dichloroethene	0.5510000	0.5979400	0.5979400	0.01	8.52		AVRG	
m+p-Xylenes	0.6200000	0.6500000	0.6500000	0.01	4.84		AVRG	
o-Xylene	0.5740000	0.6111400	0.6111400	0.01	6.47		AVRG	
1,2-Dichloroethane-D4	0.5240000	0.6040900	0.6040900	0.01	15.28		AVRG	
Toluene-D8	1.0280000	1.0486000	1.0486000	0.01	2.00		AVRG	
P-Bromofluorobenzene	0.3880000	0.4248600	0.4248600	0.01	9.50		AVRG	
Dibromofluoromethane	0.5060000	0.5369300	0.5369300	0.01	6.11		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: SB114 BFB Injection Date: 12/20/05

Instrument ID: GCMS-S BFB Injection Time: 0902

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.2
75	30.0 - 60.0% of mass 95	45.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	65.6
175	5.0 - 9.0% of mass 174	4.7 (7.1)1
176	95.0 - 101.0% of mass 174	62.8 (95.8)1
177	5.0 - 9.0% of mass 176	4.4 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S20A	S8042	12/20/05	0927
02	WG24050-LCS	WG24050-1	S8044	12/20/05	1054
03	WG24050-BLANK	WG24050-2	S8046	12/20/05	1210
04	TCLP BLANK	WG24050-3	S8047	12/20/05	1252
05	PEN45SB2503	WV6482-31	S8048	12/20/05	1324
06					
07					
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date: 12/20/05 Time: 0927

Lab File ID: S8042 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.8310000	0.8951200	0.8951200	0.1	7.72		AVRG	
Vinyl chloride	0.6390000	0.6888700	0.6888700	0.01	7.80	20.00	AVRG	
Bromomethane	0.3210000	0.3764700	0.3764700	0.01	17.28		AVRG	
Chloroethane	0.3610000	0.4554900	0.4554900	0.01	26.17		AVRG	
1,1-Dichloroethene	0.4740000	0.4990500	0.4990500	0.01	5.28	20.00	AVRG	
Acetone	3.5e-002	4.9e-002	4.9e-002	0.01	40.00		AVRG	
Carbon Disulfide	1.7000000	1.8924000	1.8924000	0.01	11.32		AVRG	
Methylene Chloride	56.089000	50.000000	0.6449500	0.01	12.18		LINR	
1,1-Dichloroethane	0.9900000	1.1724000	1.1724000	0.1	18.42		AVRG	
1,2-Dichloroethylene (total)	0.0000000	1.1516000	1.1516000	0.01	0.00		AVRG	<-
2-Butanone	4.2e-002	5.66e-002	5.66e-002	0.01	34.76		AVRG	
Chloroform	0.9010000	1.0081000	1.0081000	0.01	11.89	20.00	AVRG	
1,1,1-Trichloroethane	0.6870000	0.7894100	0.7894100	0.01	14.91		AVRG	
Carbon Tetrachloride	0.3060000	0.3348100	0.3348100	0.01	9.42		AVRG	
Benzene	1.2690000	1.3384000	1.3384000	0.01	5.47		AVRG	
1,2-Dichloroethane	0.3740000	0.4446000	0.4446000	0.01	18.88		AVRG	
Trichloroethene	0.3100000	0.3103100	0.3103100	0.01	0.10		AVRG	
1,2-Dichloropropane	0.3270000	0.3618700	0.3618700	0.01	10.66	20.00	AVRG	
Bromodichloromethane	0.3970000	0.4397100	0.4397100	0.01	10.76		AVRG	
cis-1,3-dichloropropene	0.4930000	0.5508200	0.5508200	0.01	11.73		AVRG	
4-methyl-2-pentanone	356.81000	250.00000	0.3274300	0.01	42.72		LINR	
Toluene	0.7460000	0.7722900	0.7722900	0.01	3.52	20.00	AVRG	
trans-1,3-Dichloropropene	0.3840000	0.4447600	0.4447600	0.01	15.82		AVRG	
1,1,2-Trichloroethane	0.2040000	0.2285400	0.2285400	0.01	12.03		AVRG	
Tetrachloroethene	0.2520000	0.2358000	0.2358000	0.01	-6.43		AVRG	
2-Hexanone	359.78000	250.00000	0.2629300	0.01	43.91		LINR	
Dibromochloromethane	0.2910000	0.3121000	0.3121000	0.01	7.25		AVRG	
1,2-Dibromoethane	0.2420000	0.2585700	0.2585700	0.01	6.85		AVRG	
Chlorobenzene	0.9630000	0.9599400	0.9599400	0.3	-0.32		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-S Calibration Date: 12/20/05 Time: 0927

Lab File ID: S8042 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 1439 2110

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.6370000	1.6854000	1.6854000	0.01	2.96	20.00	AVRG	
Xylenes (total)	0.0000000	1.8982000	1.8982000	0.01	0.00		AVRG	<-
Styrene	1.0000000	1.0841000	1.0841000	0.01	8.41		AVRG	
Bromoform	50.876000	50.000000	0.1895500	0.1	1.75		LINR	
1,1,2,2-Tetrachloroethane	0.6960000	0.7665500	0.7665500	0.3	10.14		AVRG	
trans-1,2-Dichloroethene	0.5380000	0.5549100	0.5549100	0.01	3.14		AVRG	
cis-1,2-Dichloroethene	0.5510000	0.5966600	0.5966600	0.01	8.29		AVRG	
m+p-Xylenes	0.6200000	0.6430400	0.6430400	0.01	3.72		AVRG	
o-Xylene	0.5740000	0.6121000	0.6121000	0.01	6.64		AVRG	
1,2-Dichloroethane-D4	0.5240000	0.6291100	0.6291100	0.01	20.06		AVRG	
Toluene-D8	1.0280000	1.0602000	1.0602000	0.01	3.13		AVRG	
P-Bromofluorobenzene	0.3880000	0.4240000	0.4240000	0.01	9.28		AVRG	
Dibromofluoromethane	0.5060000	0.5384600	0.5384600	0.01	6.42		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: FB279 BFB Injection Date: 11/29/05

Instrument ID: GCMS-F BFB Injection Time: 1405

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	29.4
75	30.0 - 60.0% of mass 95	52.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	80.8
175	5.0 - 9.0% of mass 174	5.6 (6.9)1
176	95.0 - 101.0% of mass 174	78.6 (97.3)1
177	5.0 - 9.0% of mass 176	5.2 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F29A	F9706	11/29/05	1429
02		VSTD020F29A	F9707	11/29/05	1503
03		VSTD005F29A	F9709	11/29/05	1611
04		VSTD001F29A	F9712	11/29/05	1752
05		VSTD100F29A	F9714	11/29/05	1900
06		VSTD200F29A	F9715	11/29/05	1934
07					
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-F Calibration Date(s): 11/29/05 11/29/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1429 2149

LAB FILE ID: RF1: F9712 RF5: F9709 RF20: F9707
RF50: F9706 RF100: F9714 RF200: F9715

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	A2	OR R^2	OR R^2
Chloromethane	0.644	0.493	0.480	0.572	0.525	0.589	AVRG		0.55057646		11.347	15.000
Vinyl chloride	0.495	0.479	0.445	0.543	0.486	0.492	AVRG		0.49009196		6.428	15.000
Bromomethane	0.383	0.294	0.303	0.414	0.394	0.403	AVRG		0.36511143		14.459	15.000
Chloroethane	0.358	0.316	0.284	0.350	0.310	0.316	AVRG		0.32230486		8.395	15.000
1,1-Dichloroethene	0.404	0.392	0.376	0.421	0.386	0.480	AVRG		0.40989963		9.170	15.000
Acetone	0.034	0.030	0.023	0.033	0.026	0.034	AVRG		3.016e-002		14.904	15.000
Carbon Disulfide	1.353	1.330	1.275	1.488	1.326	1.606	AVRG		1.39653748		8.962	15.000
Methylene Chloride	23414	47187	149170	374590	705080	1954000	2ORDR	-4.14e-002	2.34013469	-0.2602711	0.99814	0.99000
1,1-Dichloroethane	0.919	0.806	0.830	0.967	0.902	0.893	AVRG		0.88630461		6.676	15.000
1,2-Dichloroethylene (tot	0.898						AVRG		0.89780541		0.000	15.000
2-Butanone	0.046	0.043	0.033	0.048	0.043	0.038	AVRG		4.178e-002		13.200	15.000
Chloroform	1.116	0.872	0.883	1.049	0.926	0.943	AVRG		0.96498576		10.040	15.000
1,1,1-Trichloroethane	0.853	0.854	0.834	0.985	0.883	0.882	AVRG		0.88179676		6.129	15.000
Carbon Tetrachloride	0.504	0.564	0.568	0.687	0.603	0.597	AVRG		0.58710873		10.302	15.000
Benzene	1.244	1.160	1.152	1.352	1.235	1.255	AVRG		1.23299671		5.949	15.000
1,2-Dichloroethane	0.661	0.575	0.549	0.664	0.595	0.576	AVRG		0.60316964		7.974	15.000
Trichloroethene	0.360	0.350	0.329	0.413	0.359	0.362	AVRG		0.36225068		7.618	15.000
1,2-Dichloropropane	0.338	0.280	0.285	0.331	0.301	0.306	AVRG		0.30674552		7.692	15.000
Bromodichloromethane	0.512	0.498	0.489	0.586	0.524	0.517	AVRG		0.52106881		6.601	15.000
cis-1,3-dichloropropene	0.571	0.518	0.517	0.616	0.555	0.545	AVRG		0.55386463		6.673	15.000
4-methyl-2-pentanone	0.304	0.260	0.235	0.320	0.303	0.261	AVRG		0.28049667		11.835	15.000
Toluene	0.843	0.785	0.769	0.894	0.801	0.811	AVRG		0.81716381		5.528	15.000
trans-1,3-Dichloropropene	0.494	0.447	0.473	0.565	0.504	0.491	AVRG		0.49599522		7.951	15.000
1,1,2-Trichloroethane	0.218	0.199	0.188	0.238	0.223	0.209	AVRG		0.21255812		8.519	15.000
Tetrachloroethene	8922	31664	122110	326500	605710	1989500	2ORDR	-2.1e-002	3.53211766	-0.7643026	0.99755	0.99000
2-Hexanone	0.236	0.206	0.190	0.260	0.250	0.220	AVRG		0.22722306		11.722	15.000
Dibromochloromethane	0.444	0.395	0.392	0.493	0.460	0.462	AVRG		0.44085173		9.063	15.000
1,2-Dibromoethane	0.342	0.281	0.270	0.339	0.320	0.303	AVRG		0.30921984		9.646	15.000
Chlorobenzene	1.038	0.964	0.987	1.144	1.043	1.079	AVRG		1.04244807		6.194	15.000
Ethylbenzene	1.534	1.688	1.681	1.980	1.751	1.806	AVRG		1.73999107		8.548	15.000
Xylenes (total)	0.327						AVRG		0.32664417		0.000	15.000
Styrene	0.912	1.000	0.985	1.197	1.063	1.127	AVRG		1.04735586		9.876	15.000
Bromoform	0.246	0.236	0.254	0.326	0.315	0.305	AVRG		0.28048934		13.922	15.000
1,1,2,2-Tetrachloroethane	0.886	0.746	0.779	0.920	0.902	0.744	AVRG		0.82964373		9.874	15.000
trans-1,2-Dichloroethene	0.404	0.392	0.376	0.433	0.386	0.480	AVRG		0.41192863		9.375	15.000
cis-1,2-Dichloroethene	0.494	0.450	0.452	0.572	0.500	0.499	AVRG		0.49444153		8.964	15.000
m+p-Xylenes	0.543	0.574	0.561	0.645	0.596	0.639	AVRG		0.59304867		7.024	15.000
o-Xylene	0.547	0.540	0.549	0.646	0.568	0.610	AVRG		0.57689515		7.380	15.000
1,2-Dichloroethane-D4	0.777	0.754	0.821	0.805	0.705	0.694	AVRG		0.75929192		6.821	15.000
Toluene-D8	1.169	1.218	1.332	1.253	1.119	1.136	AVRG		1.20455026		6.658	15.000
P-Bromofluorobenzene	0.551	0.530	0.548	0.528	0.466	0.525	AVRG		0.52492502		5.860	15.000
Dibromofluoromethane	0.545	0.569	0.603	0.597	0.534	0.545	AVRG		0.56550234		5.141	15.000

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-F Calibration Date(s): 11/29/05 11/29/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1429 2149

Average %RSD test result.
Calculate Average %RSD: 9.627382278
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: FB288 BFB Injection Date: 12/09/05

Instrument ID: GCMS-F BFB Injection Time: 1033

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.5
75	30.0 - 60.0% of mass 95	59.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	67.0
175	5.0 - 9.0% of mass 174	4.7 (7.0)1
176	95.0 - 101.0% of mass 174	66.5 (99.2)1
177	5.0 - 9.0% of mass 176	3.8 (5.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F09B	F9855	12/09/05	1143
02	WG23738-LCS	WG23738-1	F9856	12/09/05	1227
03	WG23738-BLANK	WG23738-2	F9858	12/09/05	1345
04	PEN46TB1202	WV6482-15	F9862	12/09/05	1613
05					
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-F Calibration Date: 12/09/05 Time: 1143

Lab File ID: F9855 Init. Calib. Date(s): 11/29/05 11/29/05

Init. Calib. Times: 1429 2149

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.5500000	0.5825100	0.5825100	0.1	5.91		AVRG
Vinyl chloride	0.4900000	0.5492400	0.5492400	0.01	12.09	20.00	AVRG
Bromomethane	0.3650000	0.4046900	0.4046900	0.01	10.87		AVRG
Chloroethane	0.3220000	0.3323000	0.3323000	0.01	3.20		AVRG
1,1-Dichloroethene	0.4100000	0.4382600	0.4382600	0.1	6.89	20.00	AVRG
Acetone	3.e-002	1.84e-002	1.84e-002	0.01	-38.67		AVRG
Carbon Disulfide	1.3960000	1.3534000	1.3534000	0.01	-3.05		AVRG
Methylene Chloride	53.954000	50.000000	0.5074700	0.01	7.91		2RDR
1,1-Dichloroethane	0.8860000	1.0580000	1.0580000	0.3	19.41		AVRG
1,2-Dichloroethylene (total)	0.8980000	0.9717600	0.9717600	0.01	8.21		AVRG
2-Butanone	4.2e-002	3.4e-002	3.4e-002	0.01	-19.05		AVRG
Chloroform	0.9650000	1.1288000	1.1288000	0.01	16.97	20.00	AVRG
1,1,1-Trichloroethane	0.8820000	1.1847000	1.1847000	0.01	34.32		AVRG
Carbon Tetrachloride	0.5870000	0.7922900	0.7922900	0.01	34.97		AVRG
Benzene	1.2330000	1.3259000	1.3259000	0.01	7.53		AVRG
1,2-Dichloroethane	0.6030000	0.7909800	0.7909800	0.01	31.17		AVRG
Trichloroethene	0.3620000	0.4156500	0.4156500	0.01	14.82		AVRG
1,2-Dichloropropane	0.3070000	0.3320000	0.3320000	0.01	8.14	20.00	AVRG
Bromodichloromethane	0.5210000	0.6646100	0.6646100	0.01	27.56		AVRG
cis-1,3-dichloropropene	0.5540000	0.6303700	0.6303700	0.01	13.78		AVRG
4-methyl-2-pentanone	0.2800000	0.2477800	0.2477800	0.01	-11.51		AVRG
Toluene	0.8170000	0.8799600	0.8799600	0.01	7.71	20.00	AVRG
trans-1,3-Dichloropropene	0.4960000	0.5676600	0.5676600	0.01	14.45		AVRG
1,1,2-Trichloroethane	0.2120000	0.2094400	0.2094400	0.01	-1.21		AVRG
Tetrachloroethene	55.504000	50.000000	0.3461400	0.01	11.01		2RDR
2-Hexanone	0.2270000	0.1956800	0.1956800	0.01	-13.80		AVRG
Dibromochloromethane	0.4410000	0.4756000	0.4756000	0.01	7.84		AVRG
1,2-Dibromoethane	0.3090000	0.2948600	0.2948600	0.01	-4.58		AVRG
Chlorobenzene	1.0420000	1.1384000	1.1384000	0.3	9.25		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-F Calibration Date: 12/09/05 Time: 1143

Lab File ID: F9855 Init. Calib. Date(s): 11/29/05 11/29/05

Init. Calib. Times: 1429 2149

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Ethylbenzene	1.7400000	2.0481000	2.0481000	0.01	17.71	20.00	AVRG
Xylenes (total)	0.3270000	0.6380000	0.6380000	0.01	95.11		AVRG
Styrene	1.0470000	1.1047000	1.1047000	0.01	5.51		AVRG
Bromoform	0.2800000	0.2823100	0.2823100	0.1	0.82		AVRG
1,1,2,2-Tetrachloroethane	0.8300000	0.8032300	0.8032300	0.3	-3.22		AVRG
trans-1,2-Dichloroethene	0.4120000	0.4382600	0.4382600	0.01	6.37		AVRG
cis-1,2-Dichloroethene	0.4940000	0.5335100	0.5335100	0.01	8.00		AVRG
m+p-Xylenes	0.5930000	0.6474600	0.6474600	0.01	9.18		AVRG
o-Xylene	0.5770000	0.6190800	0.6190800	0.01	7.29		AVRG
1,2-Dichloroethane-D4	0.7590000	0.8017300	0.8017300	0.01	5.63		AVRG
Toluene-D8	1.2040000	1.1174000	1.1174000	0.01	-7.19		AVRG
P-Bromofluorobenzene	0.5250000	0.4849400	0.4849400	0.01	-7.63		AVRG
Dibromofluoromethane	0.5660000	0.5540200	0.5540200	0.01	-2.12		AVRG

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: MB361 BFB Injection Date: 12/14/05

Instrument ID: GCMS-M BFB Injection Time: 0849

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	27.6
75	30.0 - 60.0% of mass 95	47.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	110.2
175	5.0 - 9.0% of mass 174	9.5 (8.6)1
176	95.0 - 101.0% of mass 174	108.1 (98.1)1
177	5.0 - 9.0% of mass 176	6.9 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD020M14B	M0773	12/14/05	1216
02		VSTD005M14B	M0774	12/14/05	1251
03		VSTD001M14B	M0775	12/14/05	1327
04		VSTD200M14A	M0776	12/14/05	1402
05		VSTD100M14A	M0777	12/14/05	1437
06		VSTD050M14C	M0778	12/14/05	1522
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-M Calibration Date(s): 12/14/05 12/14/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1140 1744

LAB FILE ID: RF1: M0775 RF5: M0774 RF20: M0773
RF50: M0778 RF100: M0777 RF200: M0776

								COEFFICENTS		%RSD	MAX %RSD	
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2	
Chloromethane	0.446	0.391	0.377	0.448	0.439	0.404	AVRG		0.41756981	7.390	15.000	
Vinyl chloride	0.435	0.417	0.430	0.508	0.445	0.484	AVRG		0.45318738	7.746	15.000	
Bromomethane	0.448	0.489	0.427	0.518	0.474	0.476	AVRG		0.47233897	6.707	15.000	
Chloroethane	0.228	0.298	0.222	0.287	0.257	0.265	AVRG		0.25946825	11.771	15.000	
1,1-Dichloroethene	0.347	0.390	0.364	0.449	0.415	0.409	AVRG		0.39567293	9.310	15.000	
Acetone	0.037	0.021	0.020	0.020	0.023	0.019	AVRG		2.331e-002	29.189	15.000	<-
Carbon Disulfide	1.333	1.335	1.253	1.603	1.473	1.409	AVRG		1.40102685	8.856	15.000	
Methylene Chloride	8559	23800	80470	193000	404240	793840	LINR	-1.8e-002	2.02637099	0.99974	0.99000	
1,1-Dichloroethane	0.870	0.798	0.789	0.876	0.823	0.858	AVRG		0.83555428	4.523	15.000	
1,2-Dichloroethylene (tot							AVRG				0.000	
2-Butanone	0.039	0.034	0.038	0.034	0.038	0.036	AVRG		8.661e-002	5.830	15.000	
Chloroform	1.198	1.111	1.042	1.157	1.108	1.082	AVRG		1.11613225	4.935	15.000	
1,1,1-Trichloroethane	0.953	1.014	0.964	1.060	1.016	1.060	AVRG		1.01146920	4.527	15.000	
Carbon Tetrachloride	0.726	0.728	0.714	0.843	0.808	0.772	AVRG		0.76505126	6.780	15.000	
Benzene	1.329	1.206	1.130	1.204	1.310	1.254	AVRG		1.23894350	6.009	15.000	
1,2-Dichloroethane	0.979	0.805	0.803	0.866	0.812	0.829	AVRG		0.84905182	7.999	15.000	
Trichloroethene	0.458	0.445	0.436	0.480	0.445	0.419	AVRG		0.44727306	4.602	15.000	
1,2-Dichloropropane	3957	13488	54394	150600	280980	600020	LINR	-1.21e-002	3.21713117	0.99930	0.99000	
Bromodichloromethane	0.790	0.730	0.808	0.834	0.782	0.781	AVRG		0.78763825	4.380	15.000	
cis-1,3-dichloropropene	0.738	0.650	0.678	0.711	0.704	0.684	AVRG		0.69422105	4.394	15.000	
4-methyl-2-pentanone	0.364	0.269	0.274	0.294	0.332	0.280	AVRG		0.30211805	12.575	15.000	
Toluene	0.778	0.736	0.772	0.879	0.827	0.750	AVRG		0.79050857	6.737	15.000	
trans-1,3-Dichloropropene	0.634	0.614	0.593	0.688	0.686	0.629	AVRG		0.64082723	6.008	15.000	
1,1,2-Trichloroethane	0.364	0.285	0.279	0.296	0.303	0.261	AVRG		0.29794284	11.963	15.000	
Tetrachloroethene	0.555	0.473	0.422	0.556	0.544	0.544	AVRG		0.51577229	10.789	15.000	
2-Hexanone	0.274	0.247	0.241	0.272	0.341	0.250	AVRG		0.27103286	13.554	15.000	
Dibromochloromethane	0.830	0.648	0.694	0.782	0.871	0.756	AVRG		0.76376070	10.912	15.000	
1,2-Dibromoethane	0.466	0.425	0.375	0.458	0.447	0.407	AVRG		0.42971736	8.038	15.000	
Chlorobenzene	1.112	1.191	1.076	1.271	1.262	1.180	AVRG		1.18210796	6.621	15.000	
Ethylbenzene	1.961	1.827	1.832	2.281	2.250	2.118	AVRG		2.04477352	9.855	15.000	
Xylenes (total)							AVRG				0.000	
Styrene	1.164	1.156	1.097	1.311	1.302	1.166	AVRG		1.19923447	7.229	15.000	
Bromoform	0.577	0.512	0.524	0.646	0.734	0.626	AVRG		0.60334315	13.834	15.000	
1,1,2,2-Tetrachloroethane	0.920	0.654	0.738	0.745	0.815	0.728	AVRG		0.76689014	11.861	15.000	
trans-1,2-Dichloroethene	0.500	0.450	0.437	0.488	0.462	0.471	AVRG		0.46786135	5.010	15.000	
cis-1,2-Dichloroethene	0.429	0.473	0.461	0.469	0.447	0.469	AVRG		0.45805024	3.701	15.000	
m+p-Xylenes	0.682	0.610	0.643	0.722	0.677	0.657	AVRG		0.66497627	5.736	15.000	
o-Xylene	0.624	0.555	0.629	0.726	0.695	0.645	AVRG		0.64582761	9.282	15.000	
1,2-Dichloroethane-D4	0.837	0.812	0.782	0.800	0.846	0.847	AVRG		0.82086062	3.252	15.000	
Toluene-D8	1.340	1.062	1.208	1.243	1.194	1.089	AVRG		1.18927973	8.601	15.000	
P-Bromofluorobenzene	0.599	0.562	0.600	0.578	0.593	0.541	AVRG		0.57895119	4.060	15.000	
Dibromofluoromethane	0.681	0.659	0.642	0.663	0.638	0.666	AVRG		0.65815327	2.456	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-M Calibration Date(s): 12/14/05 12/14/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1140 1744

Average %RSD test result.

Calculate Average %RSD: 9.505755424
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: MB362 BFB Injection Date: 12/15/05

Instrument ID: GCMS-M BFB Injection Time: 1013

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.9
75	30.0 - 60.0% of mass 95	53.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	91.4
175	5.0 - 9.0% of mass 174	5.8 (6.4)1
176	95.0 - 101.0% of mass 174	89.3 (97.7)1
177	5.0 - 9.0% of mass 176	5.5 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M15A	M0783	12/15/05	1037
02	WG23923-LCS	WG23923-1	M0785	12/15/05	1208
03	WG23923-BLANK	WG23923-2	M0788	12/15/05	1415
04	PEN46RB1202	WV6482-14	M0790	12/15/05	1532
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-M Calibration Date: 12/15/05 Time: 1037

Lab File ID: M0783 Init. Calib. Date(s): 12/14/05 12/14/05

Init. Calib. Times: 1140 1744

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4180000	0.4067300	0.4067300	0.1	-2.70		AVRG	
Vinyl chloride	0.4530000	0.4768200	0.4768200	0.01	5.26	20.00	AVRG	
Bromomethane	0.4720000	0.4456000	0.4456000	0.01	-5.59		AVRG	
Chloroethane	0.2600000	0.2652800	0.2652800	0.01	2.03		AVRG	
1,1-Dichloroethene	0.3960000	0.4057800	0.4057800	0.1	2.47	20.00	AVRG	
Acetone	2.3e-002	2.32e-002	2.32e-002	0.01	0.87		AVRG	
Carbon Disulfide	1.4010000	1.4402000	1.4402000	0.01	2.80		AVRG	
Methylene Chloride	47.230000	50.000000	0.4750500	0.01	-5.54		LINR	
1,1-Dichloroethane	0.8360000	0.8068900	0.8068900	0.1	-3.48		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4386200	0.4386200	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.78e-002	3.78e-002	0.01	5.00		AVRG	
Chloroform	1.1160000	1.0555000	1.0555000	0.01	-5.42	20.00	AVRG	
1,1,1-Trichloroethane	1.0110000	0.9932300	0.9932300	0.01	-1.76		AVRG	
Carbon Tetrachloride	0.7650000	0.8639800	0.8639800	0.01	12.94		AVRG	
Benzene	1.2390000	1.2736000	1.2736000	0.01	2.79		AVRG	
1,2-Dichloroethane	0.8490000	0.9078400	0.9078400	0.01	6.93		AVRG	
Trichloroethene	0.4470000	0.4616300	0.4616300	0.01	3.27		AVRG	
1,2-Dichloropropane	54.088000	50.000000	0.3400000	0.01	8.18	20.00	LINR	
Bromodichloromethane	0.7880000	0.8215600	0.8215600	0.01	4.26		AVRG	
cis-1,3-dichloropropene	0.6940000	0.7400000	0.7400000	0.01	6.63		AVRG	
4-methyl-2-pentanone	0.3020000	0.3673100	0.3673100	0.01	21.63		AVRG	
Toluene	0.7900000	0.7800600	0.7800600	0.01	-1.26	20.00	AVRG	
trans-1,3-Dichloropropene	0.6410000	0.7471600	0.7471600	0.01	16.56		AVRG	
1,1,2-Trichloroethane	0.2980000	0.3148500	0.3148500	0.01	5.65		AVRG	
Tetrachloroethene	0.5160000	0.5265800	0.5265800	0.01	2.05		AVRG	
2-Hexanone	0.2710000	0.3291900	0.3291900	0.01	21.47		AVRG	
Dibromochloromethane	0.7640000	0.7687300	0.7687300	0.01	0.62		AVRG	
1,2-Dibromoethane	0.4300000	0.4805100	0.4805100	0.01	11.75		AVRG	
Chlorobenzene	1.1820000	1.2264000	1.2264000	0.3	3.76		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-M Calibration Date: 12/15/05 Time: 1037

Lab File ID: M0783 Init. Calib. Date(s): 12/14/05 12/14/05

Init. Calib. Times: 1140 1744

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	2.0450000	2.1501000	2.1501000	0.01	5.14	20.00	AVRG	
Xylenes (total)	0.0000000	0.6860300	0.6860300	0.01	0.00		AVRG	<-
Styrene	1.1990000	1.2436000	1.2436000	0.01	3.72		AVRG	
Bromoform	0.6030000	0.6709100	0.6709100	0.1	11.26		AVRG	
1,1,2,2-Tetrachloroethane	0.7670000	0.8799600	0.8799600	0.3	14.73		AVRG	
trans-1,2-Dichloroethene	0.4680000	0.4350400	0.4350400	0.01	-7.04		AVRG	
cis-1,2-Dichloroethene	0.4580000	0.4422100	0.4422100	0.01	-3.45		AVRG	
m+p-Xylenes	0.6650000	0.6879900	0.6879900	0.01	3.46		AVRG	
o-Xylene	0.6460000	0.6821300	0.6821300	0.01	5.59		AVRG	
1,2-Dichloroethane-D4	0.8210000	0.7993600	0.7993600	0.01	-2.64		AVRG	
Toluene-D8	1.1890000	1.2013000	1.2013000	0.01	1.03		AVRG	
P-Bromofluorobenzene	0.5790000	0.6361400	0.6361400	0.01	9.87		AVRG	
Dibromofluoromethane	0.6580000	0.6044800	0.6044800	0.01	-8.13		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB255 BFB Injection Date: 12/06/05

Instrument ID: GCMS-Z BFB Injection Time: 1037

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.8
75	30.0 - 60.0% of mass 95	38.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.3
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	110.4
175	5.0 - 9.0% of mass 174	9.6 (8.7)1
176	95.0 - 101.0% of mass 174	108.3 (98.1)1
177	5.0 - 9.0% of mass 176	8.5 (7.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z06B	Z8749	12/06/05	1152
02		VSTD005Z06A	Z8752	12/06/05	1357
03		VSTD200Z06A	Z8753	12/06/05	1433
04		VSTD020Z06B	Z8755	12/06/05	1600
05		VSTD010Z06B	Z8756	12/06/05	1637
06		VSTD100Z06B	Z8759	12/06/05	1827
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date(s): 12/06/05 12/06/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1152 1827

LAB FILE ID: RF5: Z8752 RF10: Z8756 RF20: Z8755
RF50: Z8749 RF100: Z8759 RF200: Z8753

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
Chloromethane	14536	35102	80439	203840	517070	964520	LINR	7.545e-002	1.80851996	0.99747	0.99000
Vinyl chloride	0.308	0.396	0.458	0.443	0.442	0.430	AVRG		0.41293206	13.448	15.000
Bromomethane	8814	18740	53312	166520	299260	503380	LINR	-1.99e-002	3.43048204	0.99365	0.99000
Chloroethane	0.220	0.250	0.269	0.271	0.260	0.244	AVRG		0.25240518	7.614	15.000
1,1-Dichloroethene	0.322	0.406	0.427	0.432	0.426	0.419	AVRG		0.40546675	10.261	15.000
Acetone	0.021	0.028	0.026	0.025	0.026	0.026	AVRG		2.537e-002	8.744	15.000
Carbon Disulfide	0.943	1.230	1.337	1.362	1.384	1.350	AVRG		1.26750093	13.240	15.000
Methylene Chloride	32419	60017	104210	231250	486490	855460	LINR	-4.24e-002	2.07586673	0.99898	0.99000
1,1-Dichloroethane	0.734	0.875	0.855	0.866	0.900	0.877	AVRG		0.85149376	6.967	15.000
1,2-Dichloroethylene (tot							AVRG				0.000
2-Butanone	0.036	0.034	0.037	0.033	0.037	0.036	AVRG		3.572e-002	4.914	15.000
Chloroform	0.813	0.974	0.928	0.925	0.856	1.013	AVRG		0.91804640	8.034	15.000
1,1,1-Trichloroethane	0.734	0.892	0.927	0.946	0.933	0.951	AVRG		0.89703890	9.221	15.000
Carbon Tetrachloride	0.547	0.616	0.653	0.719	0.640	0.683	AVRG		0.64306131	9.161	15.000
Benzene	1.120	1.217	1.240	1.233	1.204	1.205	AVRG		1.20321711	3.598	15.000
1,2-Dichloroethane	0.530	0.609	0.592	0.608	0.557	0.559	AVRG		0.57577062	5.582	15.000
Trichloroethene	0.380	0.441	0.409	0.409	0.395	0.397	AVRG		0.40514218	5.080	15.000
1,2-Dichloropropane	0.284	0.317	0.297	0.289	0.299	0.290	AVRG		0.29593541	3.956	15.000
Bromodichloromethane	0.572	0.585	0.610	0.605	0.612	0.604	AVRG		0.59787942	2.690	15.000
cis-1,3-dichloropropene	0.526	0.571	0.553	0.555	0.577	0.570	AVRG		0.55859053	3.346	15.000
4-methyl-2-pentanone	0.291	0.310	0.291	0.246	0.302	0.277	AVRG		0.28630229	7.874	15.000
Toluene	0.775	0.827	0.804	0.812	0.797	0.800	AVRG		0.80278030	2.133	15.000
trans-1,3-Dichloropropene	0.490	0.507	0.493	0.506	0.529	0.523	AVRG		0.50803982	3.077	15.000
1,1,2-Trichloroethane	0.237	0.243	0.226	0.221	0.242	0.232	AVRG		0.23360992	3.706	15.000
Tetrachloroethene	0.439	0.477	0.486	0.512	0.455	0.474	AVRG		0.47377287	5.327	15.000
2-Hexanone	0.237	0.241	0.255	0.217	0.248	0.234	AVRG		0.23862606	5.460	15.000
Dibromochloromethane	0.568	0.588	0.596	0.623	0.594	0.618	AVRG		0.59776396	3.362	15.000
1,2-Dibromoethane	0.311	0.361	0.339	0.331	0.361	0.341	AVRG		0.34084541	5.542	15.000
Chlorobenzene	1.163	1.195	1.205	1.225	1.113	1.151	AVRG		1.17542329	3.469	15.000
Ethylbenzene	1.814	1.946	1.938	2.012	1.819	1.894	AVRG		1.90404223	4.068	15.000
Xylenes (total)							AVRG				0.000
Styrene	1.063	1.173	1.198	1.175	1.104	1.138	AVRG		1.14197806	4.439	15.000
Bromoform	0.401	0.446	0.433	0.434	0.429	0.448	AVRG		0.43174867	3.883	15.000
1,1,2,2-Tetrachloroethane	0.704	0.654	0.686	0.658	0.712	0.728	AVRG		0.69042499	4.342	15.000
trans-1,2-Dichloroethene	0.382	0.468	0.460	0.461	0.484	0.478	AVRG		0.45540337	8.106	15.000
cis-1,2-Dichloroethene	0.418	0.430	0.418	0.458	0.504	0.485	AVRG		0.45234277	7.994	15.000
m+p-Xylenes	0.667	0.730	0.683	0.744	0.658	0.691	AVRG		0.69546029	4.931	15.000
o-Xylene	0.625	0.681	0.690	0.707	0.644	0.682	AVRG		0.67165573	4.591	15.000
1,2-Dichloroethane-D4	0.506	0.551	0.658	0.600	0.570	0.568	AVRG		0.57532810	8.826	15.000
Toluene-D8	1.056	1.159	1.330	1.240	1.177	1.176	AVRG		1.18963888	7.650	15.000
P-Bromofluorobenzene	0.406	0.495	0.548	0.505	0.464	0.481	AVRG		0.48316146	9.737	15.000
Dibromofluoromethane	0.504	0.471	0.553	0.557	0.585	0.611	AVRG		0.54704604	9.441	15.000

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date(s): 12/06/05 12/06/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1152 1827

Average %RSD test result.
Calculate Average %RSD: 7.019472122
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB259 BFB Injection Date: 12/09/05

Instrument ID: GCMS-Z BFB Injection Time: 0758

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.6
75	30.0 - 60.0% of mass 95	59.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.8 (1.3)1
174	Greater than 50.0% of mass 95	142.7
175	5.0 - 9.0% of mass 174	9.4 (6.6)1
176	95.0 - 101.0% of mass 174	142.2 (99.7)1
177	5.0 - 9.0% of mass 176	9.4 (6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z09A	Z8804	12/09/05	0828
02	WG23726-LCS	WG23726-1	Z8805	12/09/05	0910
03	WG23726-BLANK	WG23726-2	Z8807	12/09/05	1031
04	PEN46SB2901	WV6482-1	Z8817	12/09/05	1644
05	PEN46SB2902	WV6482-2	Z8818	12/09/05	1721
06	PEN46SB2903	WV6482-3	Z8819	12/09/05	1757
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/09/05 Time: 0828

Lab File ID: Z8804 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	45.042000	50.000000	0.4563900	0.1	-9.92		LINR	
Vinyl chloride	0.4130000	0.4431600	0.4431600	0.01	7.30	20.00	AVRG	
Bromomethane	51.869000	50.000000	0.3082000	0.01	3.74		LINR	
Chloroethane	0.2520000	0.2695600	0.2695600	0.01	6.97		AVRG	
1,1-Dichloroethene	0.4050000	0.4367200	0.4367200	0.1	7.83	20.00	AVRG	
Acetone	2.5e-002	1.69e-002	1.69e-002	0.01	-32.40		AVRG	
Carbon Disulfide	1.2680000	1.2299000	1.2299000	0.01	-3.00		AVRG	
Methylene Chloride	49.219000	50.000000	0.4946300	0.01	-1.56		LINR	
1,1-Dichloroethane	0.8510000	0.8426800	0.8426800	0.3	-0.98		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4714000	0.4714000	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.38e-002	3.38e-002	0.01	-6.11		AVRG	
Chloroform	0.9180000	1.0429000	1.0429000	0.01	13.61	20.00	AVRG	
1,1,1-Trichloroethane	0.8970000	1.0546000	1.0546000	0.01	17.57		AVRG	
Carbon Tetrachloride	0.6430000	0.8735100	0.8735100	0.01	35.85		AVRG	
Benzene	1.2030000	1.2202000	1.2202000	0.01	1.43		AVRG	
1,2-Dichloroethane	0.5760000	0.7375800	0.7375800	0.01	28.05		AVRG	
Trichloroethene	0.4050000	0.4523200	0.4523200	0.01	11.68		AVRG	
1,2-Dichloropropane	0.2960000	0.2929900	0.2929900	0.01	-1.02	20.00	AVRG	
Bromodichloromethane	0.5980000	0.7141900	0.7141900	0.01	19.43		AVRG	
cis-1,3-dichloropropene	0.5590000	0.6081700	0.6081700	0.01	8.80		AVRG	
4-methyl-2-pentanone	0.2860000	0.2872400	0.2872400	0.01	0.43		AVRG	
Toluene	0.8020000	0.8564300	0.8564300	0.01	6.79	20.00	AVRG	
trans-1,3-Dichloropropene	0.5080000	0.5606800	0.5606800	0.01	10.37		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2435300	0.2435300	0.01	4.07		AVRG	
Tetrachloroethene	0.4740000	0.4957800	0.4957800	0.01	4.59		AVRG	
2-Hexanone	0.2390000	0.2323300	0.2323300	0.01	-2.79		AVRG	
Dibromochloromethane	0.5980000	0.6507800	0.6507800	0.01	8.83		AVRG	
1,2-Dibromoethane	0.3410000	0.3914500	0.3914500	0.01	14.80		AVRG	
Chlorobenzene	1.1750000	1.2094000	1.2094000	0.3	2.93		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/09/05 Time: 0828

Lab File ID: Z8804 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.9040000	1.9558000	1.9558000	0.01	2.72	20.00	AVRG	
Xylenes (total)	0.0000000	0.7127700	0.7127700	0.01	0.00		AVRG	<-
Styrene	1.1420000	1.1744000	1.1744000	0.01	2.84		AVRG	
Bromoform	0.4320000	0.4896200	0.4896200	0.1	13.34		AVRG	
1,1,2,2-Tetrachloroethane	0.6900000	0.6604700	0.6604700	0.3	-4.28		AVRG	
trans-1,2-Dichloroethene	0.4560000	0.4721600	0.4721600	0.01	3.54		AVRG	
cis-1,2-Dichloroethene	0.4520000	0.4706400	0.4706400	0.01	4.12		AVRG	
m+p-Xylenes	0.6960000	0.7198600	0.7198600	0.01	3.43		AVRG	
o-Xylene	0.6720000	0.6986000	0.6986000	0.01	3.96		AVRG	
1,2-Dichloroethane-D4	0.5760000	0.6454600	0.6454600	0.01	12.06		AVRG	
Toluene-D8	1.1900000	1.1344000	1.1344000	0.01	-4.67		AVRG	
P-Bromofluorobenzene	0.4830000	0.5108000	0.5108000	0.01	5.76		AVRG	
Dibromofluoromethane	0.5470000	0.5405200	0.5405200	0.01	-1.18		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB261 BFB Injection Date: 12/12/05

Instrument ID: GCMS-Z BFB Injection Time: 1057

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	52.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	164.2
175	5.0 - 9.0% of mass 174	11.2 (6.9)1
176	95.0 - 101.0% of mass 174	159.2 (97.0)1
177	5.0 - 9.0% of mass 176	9.6 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z12A	Z8826	12/12/05	1128
02	WG23799-LCS	WG23799-1	Z8827	12/12/05	1211
03	WG23799-BLANK	WG23799-2	Z8829	12/12/05	1335
04	PEN46SB2901	WV6482-1RA	Z8835	12/12/05	1723
05	PEN46SB2902	WV6482-2RA	Z8836	12/12/05	1759
06	PEN46SB3001	WV6482-4RA	Z8837	12/12/05	1836
07	PEN46SB3003	WV6482-7	Z8840	12/12/05	2026
08	PEN46SB3101	WV6482-8	Z8841	12/12/05	2103
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/12/05 Time: 1128

Lab File ID: Z8826 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	36.310000	50.000000	0.3598200	0.1	-27.38		LINR	
Vinyl chloride	0.4130000	0.3341500	0.3341500	0.01	-19.09	20.00	AVRG	
Bromomethane	36.474000	50.000000	0.2184500	0.01	-27.05		LINR	
Chloroethane	0.2520000	0.1944900	0.1944900	0.01	-22.82		AVRG	
1,1-Dichloroethene	0.4050000	0.3676000	0.3676000	0.1	-9.23	20.00	AVRG	
Acetone	2.5e-002	1.93e-002	1.93e-002	0.01	-22.80		AVRG	
Carbon Disulfide	1.2680000	1.0289000	1.0289000	0.01	-18.86		AVRG	
Methylene Chloride	42.400000	50.000000	0.4289300	0.01	-15.20		LINR	
1,1-Dichloroethane	0.8510000	0.7276300	0.7276300	0.3	-14.50		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.3940800	0.3940800	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.08e-002	3.08e-002	0.01	-14.44		AVRG	
Chloroform	0.9180000	0.9034900	0.9034900	0.01	-1.58	20.00	AVRG	
1,1,1-Trichloroethane	0.8970000	0.9240900	0.9240900	0.01	3.02		AVRG	
Carbon Tetrachloride	0.6430000	0.7416600	0.7416600	0.01	15.34		AVRG	
Benzene	1.2030000	1.0869000	1.0869000	0.01	-9.65		AVRG	
1,2-Dichloroethane	0.5760000	0.6210300	0.6210300	0.01	7.82		AVRG	
Trichloroethene	0.4050000	0.3793200	0.3793200	0.01	-6.34		AVRG	
1,2-Dichloropropane	0.2960000	0.2602600	0.2602600	0.01	-12.07	20.00	AVRG	
Bromodichloromethane	0.5980000	0.6123500	0.6123500	0.01	2.40		AVRG	
cis-1,3-dichloropropene	0.5590000	0.5350200	0.5350200	0.01	-4.29		AVRG	
4-methyl-2-pentanone	0.2860000	0.2707200	0.2707200	0.01	-5.34		AVRG	
Toluene	0.8020000	0.7279800	0.7279800	0.01	-9.23	20.00	AVRG	
trans-1,3-Dichloropropene	0.5080000	0.5126200	0.5126200	0.01	0.91		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2093600	0.2093600	0.01	-10.53		AVRG	
Tetrachloroethene	0.4740000	0.4535800	0.4535800	0.01	-4.31		AVRG	
2-Hexanone	0.2390000	0.2206400	0.2206400	0.01	-7.68		AVRG	
Dibromochloromethane	0.5980000	0.5880600	0.5880600	0.01	-1.66		AVRG	
1,2-Dibromoethane	0.3410000	0.3342500	0.3342500	0.01	-1.98		AVRG	
Chlorobenzene	1.1750000	1.0687000	1.0687000	0.3	-9.05		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/12/05 Time: 1128

Lab File ID: Z8826 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.9040000	1.7078000	1.7078000	0.01	-10.30	20.00	AVRG	
Xylenes (total)	0.0000000	0.6369800	0.6369800	0.01	0.00		AVRG	<-
Styrene	1.1420000	1.0477000	1.0477000	0.01	-8.26		AVRG	
Bromoform	0.4320000	0.4362400	0.4362400	0.1	0.98		AVRG	
1,1,2,2-Tetrachloroethane	0.6900000	0.5787400	0.5787400	0.3	-16.12		AVRG	
trans-1,2-Dichloroethene	0.4560000	0.4083100	0.4083100	0.01	-10.46		AVRG	
cis-1,2-Dichloroethene	0.4520000	0.3798400	0.3798400	0.01	-15.96		AVRG	
m+p-Xylenes	0.6960000	0.6429900	0.6429900	0.01	-7.62		AVRG	
o-Xylene	0.6720000	0.6249500	0.6249500	0.01	-7.00		AVRG	
1,2-Dichloroethane-D4	0.5760000	0.5090600	0.5090600	0.01	-11.62		AVRG	
Toluene-D8	1.1900000	0.9363200	0.9363200	0.01	-21.32		AVRG	
P-Bromofluorobenzene	0.4830000	0.4054300	0.4054300	0.01	-16.06		AVRG	
Dibromofluoromethane	0.5470000	0.4345900	0.4345900	0.01	-20.55		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB262 BFB Injection Date: 12/13/05

Instrument ID: GCMS-Z BFB Injection Time: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.5
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.5 (0.4)1
174	Greater than 50.0% of mass 95	111.1
175	5.0 - 9.0% of mass 174	9.7 (8.7)1
176	95.0 - 101.0% of mass 174	109.1 (98.2)1
177	5.0 - 9.0% of mass 176	8.2 (7.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z13B	Z8847	12/13/05	1039
02	WG23826-LCS	WG23826-1	Z8848	12/13/05	1122
03	WG23826-BLANK	WG23826-2	Z8850	12/13/05	1241
04	PEN46SB3001D ✓	WV6482-5RA2	Z8853	12/13/05	1437
05	PEN46SB3002 ✓	WV6482-6RA	Z8854	12/13/05	1513
06	PEN46SB3102	WV6482-9RA NO	Z8856	12/13/05	1627
07	PEN46SB3103 ✓	WV6482-10RA	Z8857	12/13/05	1704
08	PEN45SB2501	WV6482-11 NO	Z8858	12/13/05	1740
09	PEN45SB2503	WV6482-13 NO	Z8860	12/13/05	1853
10					
11					
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22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/13/05 Time: 1039

Lab File ID: Z8847 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	37.315000	50.000000	0.3709400	0.1	-25.37		LINR	
Vinyl chloride	0.4130000	0.3384000	0.3384000	0.01	-18.06	20.00	AVRG	
Bromomethane	42.760000	50.000000	0.2550900	0.01	-14.48		LINR	
Chloroethane	0.2520000	0.2041500	0.2041500	0.01	-18.99		AVRG	
1,1-Dichloroethene	0.4050000	0.3386400	0.3386400	0.1	-16.38	20.00	AVRG	
Acetone	2.5e-002	1.72e-002	1.72e-002	0.01	-31.20		AVRG	
Carbon Disulfide	1.2680000	1.0463000	1.0463000	0.01	-17.48		AVRG	
Methylene Chloride	44.701000	50.000000	0.4511000	0.01	-10.60		LINR	
1,1-Dichloroethane	0.8510000	0.7084600	0.7084600	0.3	-16.75		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.3923800	0.3923800	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.06e-002	3.06e-002	0.01	-15.00		AVRG	
Chloroform	0.9180000	0.8793200	0.8793200	0.01	-4.21	20.00	AVRG	
1,1,1-Trichloroethane	0.8970000	0.9976700	0.9976700	0.01	11.22		AVRG	
Carbon Tetrachloride	0.6430000	0.8217600	0.8217600	0.01	-27.80		AVRG	
Benzene	1.2030000	1.1523000	1.1523000	0.01	-4.21		AVRG	
1,2-Dichloroethane	0.5760000	0.7195800	0.7195800	0.01	24.93		AVRG	
Trichloroethene	0.4050000	0.4247700	0.4247700	0.01	4.88		AVRG	
1,2-Dichloropropane	0.2960000	0.2866300	0.2866300	0.01	-3.16	20.00	AVRG	
Bromodichloromethane	0.5980000	0.6992600	0.6992600	0.01	16.93		AVRG	
cis-1,3-dichloropropene	0.5590000	0.5858400	0.5858400	0.01	4.80		AVRG	
4-methyl-2-pentanone	0.2860000	0.2864200	0.2864200	0.01	0.15		AVRG	
Toluene	0.8020000	0.8049500	0.8049500	0.01	0.37	20.00	AVRG	
trans-1,3-Dichloropropene	0.5080000	0.5870600	0.5870600	0.01	15.56		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2402000	0.2402000	0.01	2.65		AVRG	
Tetrachloroethene	0.4740000	0.4975400	0.4975400	0.01	4.97		AVRG	
2-Hexanone	0.2390000	0.2287000	0.2287000	0.01	-4.31		AVRG	
Dibromochloromethane	0.5980000	0.6690000	0.6690000	0.01	11.87		AVRG	
1,2-Dibromoethane	0.3410000	0.3788000	0.3788000	0.01	11.08		AVRG	
Chlorobenzene	1.1750000	1.2095000	1.2095000	0.3	2.94		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/13/05 Time: 1039

Lab File ID: Z8847 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.9040000	1.9947000	1.9947000	0.01	4.76	20.00	AVRG	
Xylenes (total)	0.0000000	0.7223600	0.7223600	0.01	0.00		AVRG	<-
Styrene	1.1420000	1.1948000	1.1948000	0.01	4.62		AVRG	
Bromoform	0.4320000	0.5066600	0.5066600	0.1	17.28		AVRG	
1,1,2,2-Tetrachloroethane	0.6900000	0.6439800	0.6439800	0.3	-6.67		AVRG	
trans-1,2-Dichloroethene	0.4560000	0.3812600	0.3812600	0.01	-16.39		AVRG	
cis-1,2-Dichloroethene	0.4520000	0.4035100	0.4035100	0.01	-10.73		AVRG	
m+p-Xylenes	0.6960000	0.7361500	0.7361500	0.01	5.77		AVRG	
o-Xylene	0.6720000	0.6947900	0.6947900	0.01	3.39		AVRG	
1,2-Dichloroethane-D4	0.5760000	0.5916400	0.5916400	0.01	2.72		AVRG	
Toluene-D8	1.1900000	1.1060000	1.1060000	0.01	-7.06		AVRG	
P-Bromofluorobenzene	0.4830000	0.4989400	0.4989400	0.01	3.30		AVRG	
Dibromofluoromethane	0.5470000	0.5113300	0.5113300	0.01	-6.52		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB263 BFB Injection Date: 12/14/05

Instrument ID: GCMS-Z BFB Injection Time: 0822

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.4
75	30.0 - 60.0% of mass 95	53.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	106.1
175	5.0 - 9.0% of mass 174	7.1 (6.7)1
176	95.0 - 101.0% of mass 174	101.0 (95.2)1
177	5.0 - 9.0% of mass 176	7.5 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z14D	Z8866	12/14/05	1111
02	WG23858-LCS	WG23858-1	Z8867	12/14/05	1154
03	WG23858-BLANK	WG23858-2	Z8869	12/14/05	1323
04	PEN46SB3101	WV6482-8RA2	Z8870	12/14/05	1405
05	PEN46SB3102	WV6482-9RA2	Z8871	12/14/05	1441
06	PEN45SB2501	WV6482-11RA	Z8872	12/14/05	1518
07	PEN45SB2503	WV6482-13RA	Z8874	12/14/05	1631
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/14/05 Time: 1111

Lab File ID: Z8866 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	27.254000	50.000000	0.2596800	0.1	-45.49		LINR	
Vinyl chloride	0.4130000	0.3763000	0.3763000	0.01	-8.89	20.00	AVRG	
Bromomethane	50.948000	50.000000	0.3028300	0.01	1.90		LINR	
Chloroethane	0.2520000	0.2571300	0.2571300	0.01	2.04		AVRG	
1,1-Dichloroethene	0.4050000	0.4245200	0.4245200	0.1	4.82	20.00	AVRG	
Acetone	2.5e-002	2.45e-002	2.45e-002	0.01	-2.00		AVRG	
Carbon Disulfide	1.2680000	1.2404000	1.2404000	0.01	-2.18		AVRG	
Methylene Chloride	51.728000	50.000000	0.5188000	0.01	3.46		LINR	
1,1-Dichloroethane	0.8510000	0.8611400	0.8611400	0.3	1.19		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4754500	0.4754500	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.43e-002	3.43e-002	0.01	-4.72		AVRG	
Chloroform	0.9180000	1.0205000	1.0205000	0.01	11.17	20.00	AVRG	
1,1,1-Trichloroethane	0.8970000	1.0552000	1.0552000	0.01	17.64		AVRG	
Carbon Tetrachloride	0.6430000	0.8765000	0.8765000	0.01	36.31		AVRG	
Benzene	1.2030000	1.2226000	1.2226000	0.01	1.63		AVRG	
1,2-Dichloroethane	0.5760000	0.7395200	0.7395200	0.01	28.39		AVRG	
Trichloroethene	0.4050000	0.4545500	0.4545500	0.01	12.23		AVRG	
1,2-Dichloropropane	0.2960000	0.2846900	0.2846900	0.01	-3.82	20.00	AVRG	
Bromodichloromethane	0.5980000	0.6907000	0.6907000	0.01	15.50		AVRG	
cis-1,3-dichloropropene	0.5590000	0.6257100	0.6257100	0.01	11.93		AVRG	
4-methyl-2-pentanone	0.2860000	0.2802700	0.2802700	0.01	-2.00		AVRG	
Toluene	0.8020000	0.8091100	0.8091100	0.01	0.89	20.00	AVRG	
trans-1,3-Dichloropropene	0.5080000	0.5885400	0.5885400	0.01	15.85		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2329600	0.2329600	0.01	-0.44		AVRG	
Tetrachloroethene	0.4740000	0.5411600	0.5411600	0.01	14.17		AVRG	
2-Hexanone	0.2390000	0.2394100	0.2394100	0.01	0.17		AVRG	
Dibromochloromethane	0.5980000	0.6766100	0.6766100	0.01	13.14		AVRG	
1,2-Dibromoethane	0.3410000	0.3726900	0.3726900	0.01	9.29		AVRG	
Chlorobenzene	1.1750000	1.2388000	1.2388000	0.3	5.43		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/14/05 Time: 1111

Lab File ID: Z8866 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.9040000	2.1049000	2.1049000	0.01	10.55	20.00	AVRG	
Xylenes (total)	0.0000000	0.7480400	0.7480400	0.01	0.00		AVRG	<-
Styrene	1.1420000	1.1726000	1.1726000	0.01	2.68		AVRG	
Bromoform	0.4320000			0.1	-100.00		AVRG	<-
1,1,2,2-Tetrachloroethane	0.6900000	0.6411400	0.6411400	0.3	-7.08		AVRG	
trans-1,2-Dichloroethene	0.4560000	0.4770800	0.4770800	0.01	4.62		AVRG	
cis-1,2-Dichloroethene	0.4520000	0.4738100	0.4738100	0.01	4.82		AVRG	
m+p-Xylenes	0.6960000	0.7543400	0.7543400	0.01	8.38		AVRG	
o-Xylene	0.6720000	0.7354400	0.7354400	0.01	9.44		AVRG	
1,2-Dichloroethane-D4	0.5760000	0.6847300	0.6847300	0.01	18.88		AVRG	
Toluene-D8	1.1900000	1.2063000	1.2063000	0.01	1.37		AVRG	
P-Bromofluorobenzene	0.4830000	0.5462500	0.5462500	0.01	13.10		AVRG	
Dibromofluoromethane	0.5470000	0.6032100	0.6032100	0.01	10.28		AVRG	

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: ZB264 BFB Injection Date: 12/15/05

Instrument ID: GCMS-Z BFB Injection Time: 0819

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	57.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	104.2
175	5.0 - 9.0% of mass 174	7.6 (7.3)1
176	95.0 - 101.0% of mass 174	103.8 (99.6)1
177	5.0 - 9.0% of mass 176	6.4 (6.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z15C	Z8879	12/15/05	1022
02	WG23918-LCS	WG23918-1	Z8881	12/15/05	1157
03	WG23918-BLANK	WG23918-2	Z8883	12/15/05	1316
04	PEN45SB2502	WV6482-12RA2	Z8884	12/15/05	1358
05					
06					
07					
08					
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/15/05 Time: 1022

Lab File ID: Z8879 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	46.106000	50.000000	0.4681600	0.1	-7.79		LINR	
Vinyl chloride	0.4130000	0.4280300	0.4280300	0.01	3.64	20.00	AVRG	
Bromomethane	52.000000	50.000000	0.3089600	0.01	4.00		LINR	
Chloroethane	0.2520000	0.2477800	0.2477800	0.01	-1.67		AVRG	
1,1-Dichloroethene	0.4050000	0.4174000	0.4174000	0.1	3.06	20.00	AVRG	
Acetone	2.5e-002	2.06e-002	2.06e-002	0.01	-17.60		AVRG	
Carbon Disulfide	1.2680000	1.3530000	1.3530000	0.01	6.70		AVRG	
Methylene Chloride	48.246000	50.000000	0.4852600	0.01	-3.51		LINR	
1,1-Dichloroethane	0.8510000	0.7909600	0.7909600	0.3	-7.06		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4473100	0.4473100	0.01	0.00		AVRG	<-
2-Butanone	3.6e-002	3.26e-002	3.26e-002	0.01	-9.44		AVRG	
Chloroform	0.9180000	0.9217000	0.9217000	0.01	0.40	20.00	AVRG	
1,1,1-Trichloroethane	0.8970000	0.9840200	0.9840200	0.01	9.70		AVRG	
Carbon Tetrachloride	0.6430000	0.7660500	0.7660500	0.01	19.14		AVRG	
Benzene	1.2030000	1.2047000	1.2047000	0.01	0.14		AVRG	
1,2-Dichloroethane	0.5760000	0.6922500	0.6922500	0.01	20.18		AVRG	
Trichloroethene	0.4050000	0.4361100	0.4361100	0.01	7.68		AVRG	
1,2-Dichloropropane	0.2960000	0.2826000	0.2826000	0.01	-4.53	20.00	AVRG	
Bromodichloromethane	0.5980000	0.6605700	0.6605700	0.01	10.46		AVRG	
cis-1,3-dichloropropene	0.5590000	0.5753000	0.5753000	0.01	2.92		AVRG	
4-methyl-2-pentanone	0.2860000	0.2753800	0.2753800	0.01	-3.71		AVRG	
Toluene	0.8020000	0.8179600	0.8179600	0.01	1.99	20.00	AVRG	
trans-1,3-Dichloropropene	0.5080000	0.5433500	0.5433500	0.01	6.96		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2206600	0.2206600	0.01	-5.70		AVRG	
Tetrachloroethene	0.4740000	0.5376000	0.5376000	0.01	13.42		AVRG	
2-Hexanone	0.2390000	0.2352300	0.2352300	0.01	-1.58		AVRG	
Dibromochloromethane	0.5980000	0.6512000	0.6512000	0.01	8.90		AVRG	
1,2-Dibromoethane	0.3410000	0.3532700	0.3532700	0.01	3.60		AVRG	
Chlorobenzene	1.1750000	1.2221000	1.2221000	0.3	4.01		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date: 12/15/05 Time: 1022

Lab File ID: Z8879 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1152 1827

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	1.9040000	2.0283000	2.0283000	0.01	6.53	20.00	AVRG	
Xylenes (total)	0.0000000	0.7323600	0.7323600	0.01	0.00		AVRG	<-
Styrene	1.1420000	1.1777000	1.1777000	0.01	3.13		AVRG	
Bromoform	0.4320000	0.4754100	0.4754100	0.1	10.05		AVRG	
1,1,2,2-Tetrachloroethane	0.6900000	0.6495200	0.6495200	0.3	-5.87		AVRG	
trans-1,2-Dichloroethene	0.4560000	0.4586200	0.4586200	0.01	0.57		AVRG	
cis-1,2-Dichloroethene	0.4520000	0.4360100	0.4360100	0.01	-3.54		AVRG	
m+p-Xylenes	0.6960000	0.7429300	0.7429300	0.01	6.74		AVRG	
o-Xylene	0.6720000	0.7112200	0.7112200	0.01	5.84		AVRG	
1,2-Dichloroethane-D4	0.5760000	0.5889400	0.5889400	0.01	2.25		AVRG	
Toluene-D8	1.1900000	1.1245000	1.1245000	0.01	-5.50		AVRG	
P-Bromofluorobenzene	0.4830000	0.4894100	0.4894100	0.01	1.33		AVRG	
Dibromofluoromethane	0.5470000	0.5200100	0.5200100	0.01	-4.93		AVRG	

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level: (low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG23726-LCS	WG23726-1	113	125	106	118	0
02	WG23726-BLANK	WG23726-2	104	127	100	104	0
03	PEN46SB2901	WV6482-1	0J	112	72	53	1
04	PEN46SB2902	WV6482-2	4J	110	68	46	1
05	PEN46SB2903	WV6482-3	97	122	84	73	0
06	WG23799-LCS	WG23799-1	92	97	92	99	0
07	WG23799-BLANK	WG23799-2	83	105	82	83	0
08	PEN46SB2901	WV6482-1RA	0J	96	70	49	1
09	PEN46SB2902	WV6482-2RA	2J	104	74	52	1
10	PEN46SB3001	WV6482-4RA	79	106	76	74	0
11	PEN46SB3003	WV6482-7	89	105	83	58	0
12	PEN46SB3101	WV6482-8	0J	101	62	40	1
13	WG23826-LCS	WG23826-1	89	107	101	105	0
14	WG23826-BLANK	WG23826-2	91	120	95	98	0
15	PEN46SB3001D	WV6482-5RA2	96	94	90	94	0
16	PEN46SB3002	WV6482-6RA	75	100	77	78	0
17	PEN46SB3102	WV6482-9RA	22J	116	73	57	1
18	~~PEN46SB3103~~	WV6482-10RA	86	110	72	52	0
19	PEN45SB2501	WV6482-11	52J	77	53J	30J	3
20	PEN45SB2503	WV6482-13	59	84	28J	32J	2
21	WG23858-LCS	WG23858-1	90	102	90	96	0
22	WG23858-BLANK	WG23858-2	72	93	74	75	0
23	PEN46SB3101	WV6482-8RA2	9J	90	72	46	1
24	PEN46SB3102 OK-use	WV6482-9RA2 ✓	70	120	94	88	0
25	PEN45SB2501 OK-use	WV6482-11RA	64	82	58J	34J	2
26	PEN45SB2503 OK use	WV6482-13RA	82	97	70	43	0
27	WG23918-LCS	WG23918-1	88	94	95	99	0
28	WG23918-BLANK	WG23918-2	89	102	86	86	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(57-122)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(53-127)
SMC3 (TOL)	= Toluene-D8	(62-117)
SMC4 (BFB)	= P-Bromofluorobenzene	(36-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	PEN45SB2502	WV6482-12RA2	94	106	84	62	0
02							
03							
04							
05							
06							
07							
08							
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26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(57-122)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(53-127)
SMC3 (TOL)	= Toluene-D8	(62-117)
SMC4 (BFB)	= P-Bromofluorobenzene	(36-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT NAS Pensacola		JOB NUMBER CT0376	
SUBJECT VOA			
BASED ON 8260		DRAWING NUMBER	
BY EWS	CHECKED BY	APPROVED BY JAI	DATE 2-8-08

PEN 46SB2902

Trichloroethene = 73.6 ug/Kg

$$\frac{206075 \times 50_{ng} \times 5_{ml}}{384179 \times 0.405_{ml} \times 4.8 \times 0.937_{\%sol}} = 73.6 \text{ ug/Kg}$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date:
Analysis Date: 09-DEC-2005 17:21
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 93.7

Lab ID: WV6482-2
Client ID: PEN46SB2902
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	5	6	1
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	2	1.0	5	6	2
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
67-64-1	Acetone	I	19	1.0	25	28	5
75-15-0	Carbon Disulfide	U	2	1.0	5	6	2
75-09-2	Methylene Chloride	I	2	1.0	10	11	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	6	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	11	2
78-93-3	2-Butanone	U	4	1.0	25	28	4
67-66-3	Chloroform	U	0.9	1.0	5	6	0.9
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	6	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	6	3
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	6	0.6
79-01-6	Trichloroethene		74	1.0	5	6	0.8
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	6	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
108-88-3	Toluene	U	1.0	1.0	5	6	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	6	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	6	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
591-78-6	2-Hexanone	U	4	1.0	25	28	4
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	6	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
100-42-5	Styrene	U	0.4	1.0	5	6	0.4
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	6	1
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		68%				
460-00-4	P-Bromofluorobenzene		46%				
1868-53-7	Dibromofluoromethane		J 4%				

Data File: \\Target_server\GG\chem\gcms-z.i\Z120905.b\Z8818.D
Report Date: 03-Jan-2006 14:14

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-z.i\Z120905.b\Z8818.D
Lab Smp Id: WV6482-2 Client Smp ID: PEN46SB2902
Inj Date : 09-DEC-2005 17:21 MS Autotune Date: 02-SEP-2005 12:32
Operator : ALH Inst ID: gcms-z.i
Smp Info : WV6482-2
Misc Info : SW846 8260B
Comment :
Method : \\Target_server\GG\chem\gcms-z.i\Z120905.b\Z826S09.m
Meth Date : 03-Jan-2006 14:10 gcms-z.i Quant Type: ISTD
Cal Date : 06-DEC-2005 18:27 Cal File: Z8759.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TETRAT367001.sub
Target Version: 4.12

Concentration Formula: Amt * DF * (100/(100-M))*(Vt/Ws) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
M	6.262	% Moisture
Vt	5.000	Volume of DI Water (mL)
Ws	4.800	Weight of Sample (g)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
	15 Acetone	58	4.094	4.048	(0.482)	2796	17.2444	19.2 (aM)
	14 Methylene Chloride	84	4.012	4.001	(0.472)	13380	2.22593	2.5 (aM)
	48 Trichloroethene	95	9.248	9.249	(0.991)	206075	66.1994	73.6
$	45 1,2-Dichloroethane-D4	65	8.459	8.459	(0.996)	201659	54.8426	60.9
$	55 Toluene-D8	98	10.827	10.828	(1.161)	310999	34.0236	37.8
$	76 P-Bromofluorobenzene	95	13.602	13.602	(1.458)	84668	22.8067	25.3
$	37 Dibromofluoromethane	113	7.310	7.310	(0.861)	6262	1.79104	2.0 (aRM)
*	42 Pentafluorobenzene	168	8.494	8.481	(1.000)	319561	50.0000	
*	49 1,4-Difluorobenzene	114	9.330	9.318	(1.000)	384179	50.0000	
*	66 Chlorobenzene-D5	117	12.546	12.534	(1.000)	360914	50.0000	
*	91 1,4-Dichlorobenzene-D4	152	14.368	14.369	(1.000)	232554	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-Z Calibration Date(s): 12/06/05 12/06/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1152 1827

LAB FILE ID: RF5: Z8752 RF10: Z8756 RF20: Z8755
RF50: Z8749 RF100: Z8759 RF200: Z8753

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
Chloromethane	14536	35102	80439	203840	517070	964520	LINR	7.545e-002	1.80851996	0.99747	0.99000
Vinyl chloride	0.308	0.396	0.458	0.443	0.442	0.430	AVRG		0.41293206	13.448	15.000
Bromomethane	8814	18740	53312	166520	299260	503380	LINR	-1.99e-002	3.43048204	0.99365	0.99000
Chloroethane	0.220	0.250	0.269	0.271	0.260	0.244	AVRG		0.25240518	7.614	15.000
1,1-Dichloroethene	0.322	0.406	0.427	0.432	0.426	0.419	AVRG		0.40546675	10.261	15.000
Acetone	0.021	0.028	0.026	0.025	0.026	0.026	AVRG		2.537e-002	8.744	15.000
Carbon Disulfide	0.943	1.230	1.337	1.362	1.384	1.350	AVRG		1.26750093	13.240	15.000
Methylene Chloride	32419	60017	104210	231250	486490	855460	LINR	-4.24e-002	2.07586673	0.99898	0.99000
1,1-Dichloroethane	0.734	0.875	0.855	0.866	0.900	0.877	AVRG		0.85149376	6.967	15.000
1,2-Dichloroethylene (tot							AVRG				0.000
2-Butanone	0.036	0.034	0.037	0.033	0.037	0.036	AVRG		3.572e-002	4.914	15.000
Chloroform	0.813	0.974	0.928	0.925	0.856	1.013	AVRG		0.91804640	8.034	15.000
1,1,1-Trichloroethane	0.734	0.892	0.927	0.946	0.933	0.951	AVRG		0.89703890	9.221	15.000
Carbon Tetrachloride	0.547	0.616	0.653	0.719	0.640	0.683	AVRG		0.64306131	9.161	15.000
Benzene	1.120	1.217	1.240	1.233	1.204	1.205	AVRG		1.20321711	3.598	15.000
1,2-Dichloroethane	0.530	0.609	0.592	0.608	0.557	0.559	AVRG		0.57577062	5.582	15.000
Trichloroethene	0.380	0.441	0.409	0.409	0.395	0.397	AVRG		0.40514218	5.080	15.000
1,2-Dichloropropane	0.284	0.317	0.297	0.289	0.299	0.290	AVRG		0.29593541	3.956	15.000
Bromodichloromethane	0.572	0.585	0.610	0.605	0.612	0.604	AVRG		0.59787942	2.690	15.000
cis-1,3-dichloropropene	0.526	0.571	0.553	0.555	0.577	0.570	AVRG		0.55859053	3.346	15.000
4-methyl-2-pentanone	0.291	0.310	0.291	0.246	0.302	0.277	AVRG		0.28630229	7.874	15.000
Toluene	0.775	0.827	0.804	0.812	0.797	0.800	AVRG		0.80278030	2.133	15.000
trans-1,3-Dichloropropene	0.490	0.507	0.493	0.506	0.529	0.523	AVRG		0.50803982	3.077	15.000
1,1,2-Trichloroethane	0.237	0.243	0.226	0.221	0.242	0.232	AVRG		0.23360992	3.706	15.000
Tetrachloroethene	0.439	0.477	0.486	0.512	0.455	0.474	AVRG		0.47377287	5.327	15.000
2-Hexanone	0.237	0.241	0.255	0.217	0.248	0.234	AVRG		0.23862606	5.460	15.000
Dibromochloromethane	0.568	0.588	0.596	0.623	0.594	0.618	AVRG		0.59776396	3.362	15.000
1,2-Dibromoethane	0.311	0.361	0.339	0.331	0.361	0.341	AVRG		0.34084541	5.542	15.000
Chlorobenzene	1.163	1.195	1.205	1.225	1.113	1.151	AVRG		1.17542329	3.469	15.000
Ethylbenzene	1.814	1.946	1.938	2.012	1.819	1.894	AVRG		1.90404223	4.068	15.000
Xylenes (total)							AVRG				0.000
Styrene	1.063	1.173	1.198	1.175	1.104	1.138	AVRG		1.14197806	4.439	15.000
Bromoform	0.401	0.446	0.433	0.434	0.429	0.448	AVRG		0.43174867	3.883	15.000
1,1,2,2-Tetrachloroethane	0.704	0.654	0.686	0.658	0.712	0.728	AVRG		0.69042499	4.342	15.000
trans-1,2-Dichloroethene	0.382	0.468	0.460	0.461	0.484	0.478	AVRG		0.45540337	8.106	15.000
cis-1,2-Dichloroethene	0.418	0.430	0.418	0.458	0.504	0.485	AVRG		0.45234277	7.994	15.000
m+p-Xylenes	0.667	0.730	0.683	0.744	0.658	0.691	AVRG		0.69546029	4.931	15.000
o-Xylene	0.625	0.681	0.690	0.707	0.644	0.682	AVRG		0.67165573	4.591	15.000
1,2-Dichloroethane-D4	0.506	0.551	0.658	0.600	0.570	0.568	AVRG		0.57532810	8.826	15.000
Toluene-D8	1.056	1.159	1.330	1.240	1.177	1.176	AVRG		1.18963888	7.650	15.000
P-Bromofluorobenzene	0.406	0.495	0.548	0.505	0.464	0.481	AVRG		0.48316146	9.737	15.000
Dibromofluoromethane	0.504	0.471	0.553	0.557	0.585	0.611	AVRG		0.54704604	9.441	15.000

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23738-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: F9858 Lab Sample ID: WG23738-2

Date Analyzed: 12/09/05 Time Analyzed: 1345

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23738-LCS	WG23738-1	F9856	12/09/05	1227
02	PEN46TB1202	WV6482-15	F9862	12/09/05	1613
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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16					
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23					
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25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09-DEC-2005 13:45
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23738-2
Client ID: WG23738-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23738
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		J135%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		108%				
1868-53-7	Dibromofluoromethane		115%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23738-1
Client ID: WG23738-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23738
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	83	166	4-217
Chloromethane	50	NA	57	114	40-163
Vinyl chloride	50	NA	58	117	55-151
Bromomethane	50	NA	63	125	24-217
Chloroethane	50	NA	52	104	69-134
Trichlorofluoromethane	50	NA	72	143	71-147
Diethyl Ether	50	NA	54	108	67-135
Tertiary-butyl alcohol	250	NA	292	117	58-146
1,1-Dichloroethene	50	NA	57	113	78-136
Carbon Disulfide	50	NA	54	107	70-136
Freon-113	50	NA	57	114	60-140
Iodomethane	50	NA	50	100	60-140
Acrolein	250	NA	254	102	0-199
Methylene Chloride	50	NA	56	112	52-115
Acetone	50	NA	56	111	0-158
Isobutyl Alcohol	1000	NA	1330	133	60-140
trans-1,2-Dichloroethene	50	NA	56	113	84-131
Allyl Chloride	50	NA	55	110	60-140
Methyl tert-butyl ether	100	NA	127	127	62-130
Acetonitrile	500	NA	693	139	53-141
Di-isopropyl ether	50	NA	56	112	82-130
Chloroprene	50	NA	58	116	60-140
Methacrylonitrile	500	NA	554	111	60-140
Propionitrile	500	NA	537	107	60-140
1,1-Dichloroethane	50	NA	61	122	81-134
Acrylonitrile	250	NA	283	113	29-172
Ethyl tertiary-butyl ether	50	NA	60	120	85-124
Vinyl Acetate	50	NA	47	95	68-174
cis-1,2-Dichloroethene	50	NA	54	107	84-123
1,2-Dichloroethylene (total)	100	NA	110	110	84-131
Methyl Methacrylate	50	NA	60	120	60-140
2,2-Dichloropropane	50	NA	64	127	69-150
Bromochloromethane	50	NA	54	107	77-146
Chloroform	50	NA	61	123	80-130
Carbon Tetrachloride	50	NA	69	137	74-137
Tetrahydrofuran	50	NA	49	99	32-140
1,1,1-Trichloroethane	50	NA	68	135	76-138
1,1-Dichloropropene	50	NA	60	120	82-120
2-Butanone	50	NA	105	(*) 210	49-154
Benzene	50	NA	53	106	88-120
Cyclohexane	50	NA	58	116	60-140
Ethyl Methacrylate	50	NA	50	101	60-140
Tertiary-amyl methyl ether	50	NA	55	110	85-125
1,2-Dichloroethane	50	NA	66	133	78-138
Trichloroethene	50	NA	56	113	80-125

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23738-1
Client ID: WG23738-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23738
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	59	119	88-130
1,2-Dichloropropane	50	NA	54	107	80-122
Bromodichloromethane	50	NA	61	121	83-133
cis-1,3-dichloropropene	50	NA	58	116	81-138
1,4-Dioxane	1000	NA	0.00	0	60-140
2-Chloroethylvinylether	50	NA	40	80	50-211
Toluene	50	NA	53	106	88-121
4-methyl-2-pentanone	50	NA	59	117	72-140
Tetrachloroethene	50	NA	44	87	77-129
trans-1,3-Dichloropropene	50	NA	64	128	81-149
1,1,2-Trichloroethane	50	NA	53	106	82-126
Dibromochloromethane	50	NA	43	86	80-133
1,3-Dichloropropane	50	NA	42	83	86-125
1,2-Dibromoethane	50	NA	53	106	88-127
2-Hexanone	50	NA	47	94	45-146
Chlorobenzene	50	NA	41	82	84-123
Ethylbenzene	50	NA	44	88	84-134
1,1,1,2-Tetrachloroethane	50	NA	44	88	83-130
Xylenes (total)	150	NA	127	85	88-123
m+p-Xylenes	100	NA	86	86	88-122
o-Xylene	50	NA	41	83	90-123
Styrene	50	NA	42	83	87-131
Bromoform	50	NA	44	88	77-138
Isopropylbenzene	50	NA	63	127	88-125
cis-1,4-Dichloro-2-Butene	50	NA	66	131	60-140
trans-1,4-Dichloro-2-Butene	50	NA	62	125	60-140
Bromobenzene	50	NA	54	108	84-133
N-Propylbenzene	50	NA	56	112	88-124
1,1,2,2-Tetrachloroethane	50	NA	53	105	81-131
1,3,5-Trimethylbenzene	50	NA	56	112	89-124
2-Chlorotoluene	50	NA	59	117	84-128
1,2,3-Trichloropropane	50	NA	62	123	76-132
4-Chlorotoluene	50	NA	57	115	86-132
tert-Butylbenzene	50	NA	60	119	82-131
Pentachloroethane	50	NA	65	129	60-140
1,2,4-Trimethylbenzene	50	NA	54	108	88-121
P-Isopropyltoluene	50	NA	55	110	86-122
1,3-Dichlorobenzene	50	NA	52	104	86-124
1,4-Dichlorobenzene	50	NA	52	103	80-127
N-Butylbenzene	50	NA	53	106	81-133
sec-Butylbenzene	50	NA	55	110	85-122
1,2-Dichlorobenzene	50	NA	51	102	86-126
1,2-Dibromo-3-Chloropropane	50	NA	62	125	61-136
1,3,5-Trichlorobenzene	50	NA	53	106	67-128
Hexachlorobutadiene	50	NA	57	113	52-129

FORM III VOA-1
F9856.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23738-1
Client ID: WG23738-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23738
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53	106	53-157
1,2,3-Trimethylbenzene	50	NA	55	110	60-140
Naphthalene	50	NA	47	93	45-151
1,2,3-Trichlorobenzene	50	NA	53	106	30-164
Methyl Acetate	50	NA	76	152	60-140
Methylcyclohexane	50	NA	54	108	60-140

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23923-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: M0788 Lab Sample ID: WG23923-2

Date Analyzed: 12/15/05 Time Analyzed: 1415

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-M

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23923-LCS	WG23923-1	M0785	12/15/05	1208
02	PEN46RB1202	WV6482-14	M0790	12/15/05	1532
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
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25					
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27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 15-DEC-2005 14:15
Report Date: 01/03/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23923-2
Client ID: WG23923-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG23923
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		79%				
1868-53-7	Dibromofluoromethane		76%				

Sample Data Summary A0000038

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23923-1
Client ID: WG23923-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG23923
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	66		133	0-183
Chloromethane	50	NA	58		117	35-145
Vinyl chloride	50	NA	61		121	43-136
Bromomethane	50	NA	55		110	57-139
Chloroethane	50	NA	55		110	48-132
Trichlorofluoromethane	50	NA	62		125	52-126
Diethyl Ether	50	NA	50		99	65-151
Tertiary-butyl alcohol	250	NA	256		102	55-138
1,1-Dichloroethene	50	NA	59		119	88-123
Carbon Disulfide	50	NA	53	*	106	63-105
Freon-113	50	NA	51		102	80-125
Iodomethane	50	NA	57		114	52-165
Acrolein	250	NA	268		107	62-117
Methylene Chloride	50	NA	55		109	79-122
Acetone	50	NA	53		107	65-156
Isobutyl Alcohol	1000	NA	892		89	45-126
trans-1,2-Dichloroethene	50	NA	49		98	83-121
Allyl Chloride	50	NA	49		99	67-133
Methyl tert-butyl ether	100	NA	109		109	68-127
Acetonitrile	500	NA	396		79	75-122
Di-isopropyl ether	50	NA	50		100	82-124
Chloroprene	50	NA	50		101	69-128
Methacrylonitrile	500	NA	515		103	78-126
Propionitrile	500	NA	432		86	77-126
1,1-Dichloroethane	50	NA	54		107	80-118
Acrylonitrile	250	NA	243		97	65-128
Ethyl tertiary-butyl ether	50	NA	50		99	84-120
Vinyl Acetate	50	NA	47		93	77-151
cis-1,2-Dichloroethene	50	NA	54		109	85-113
1,2-Dichloroethylene (total)	100	NA	104		104	85-116
Methyl Methacrylate	50	NA	53		106	73-119
2,2-Dichloropropane	50	NA	50		101	67-134
Bromochloromethane	50	NA	54		107	85-111
Chloroform	50	NA	52		104	81-112
Carbon Tetrachloride	50	NA	55		110	79-119
Tetrahydrofuran	50	NA	53		105	66-125
1,1,1-Trichloroethane	50	NA	54		107	79-113
1,1-Dichloropropene	50	NA	55		110	82-121
2-Butanone	50	NA	100	*	200	97-179
Benzene	50	NA	49		98	83-117
Cyclohexane	50	NA	54		109	60-140
Ethyl Methacrylate	50	NA	53		106	75-116
Tertiary-amyl methyl ether	50	NA	50		100	88-117
1,2-Dichloroethane	50	NA	52		105	76-108
Trichloroethene	50	NA	54		108	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23923-1
Client ID: WG23923-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG23923
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	53		105	76-132
1,2-Dichloropropane	50	NA	51		102	82-110
Bromodichloromethane	50	NA	49		97	78- 98
cis-1,3-dichloropropene	50	NA	49		98	85-114
1,4-Dioxane	1000	NA	1100		110	34-126
2-Chloroethylvinylether	50	NA	53		106	3-152
Toluene	50	NA	51		101	84-121
4-methyl-2-pentanone	50	NA	58		116	67-124
Tetrachloroethene	50	NA	53		107	73-112
trans-1,3-Dichloropropene	50	NA	55		110	91-120
1,1,2-Trichloroethane	50	NA	51		103	79-117
Dibromochloromethane	50	NA	51		102	87-112
1,3-Dichloropropane	50	NA	49		98	87-113
1,2-Dibromoethane	50	NA	50		101	83-110
2-Hexanone	50	NA	54		108	77-122
Chlorobenzene	50	NA	54		108	84-117
Ethylbenzene	50	NA	54		108	81-115
1,1,1,2-Tetrachloroethane	50	NA	52		104	86-109
Xylenes (total)	150	NA	152		101	85-120
m+p-Xylenes	100	NA	101		101	87-119
o-Xylene	50	NA	51		101	78-125
Styrene	50	NA	50		100	82-107
Bromoform	50	NA	53		106	75-111
Isopropylbenzene	50	NA	62		123	75-132
cis-1,4-Dichloro-2-Butene	50	NA	60		120	60-150
trans-1,4-Dichloro-2-Butene	50	NA	48		95	68-124
Bromobenzene	50	NA	54		108	84-115
N-Propylbenzene	50	NA	53		107	85-118
1,1,2,2-Tetrachloroethane	50	NA	54		108	81-116
1,3,5-Trimethylbenzene	50	NA	57		114	79-117
2-Chlorotoluene	50	NA	54		107	85-118
1,2,3-Trichloropropane	50	NA	60	*	121	81-112
4-Chlorotoluene	50	NA	54		108	88-114
tert-Butylbenzene	50	NA	56		111	68-125
Pentachloroethane	50	NA	55		111	40-168
1,2,4-Trimethylbenzene	50	NA	55		110	78-112
P-Isopropyltoluene	50	NA	59	*	118	77-116
1,3-Dichlorobenzene	50	NA	56		111	84-113
1,4-Dichlorobenzene	50	NA	52		105	83-110
N-Butylbenzene	50	NA	54		109	81-113
sec-Butylbenzene	50	NA	61	*	121	81-115
1,2-Dichlorobenzene	50	NA	52		104	84-114
1,2-Dibromo-3-Chloropropane	50	NA	57	*	113	72-112
1,3,5-Trichlorobenzene	50	NA	54		109	61-151
Hexachlorobutadiene	50	NA	52		104	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: WATER

Lab ID: WG23923-1
Client ID: WG23923-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG23923
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	50	100	59-123
1,2,3-Trimethylbenzene	50	NA	53	106	87-110
Naphthalene	50	NA	54	108	36-143
1,2,3-Trichlorobenzene	50	NA	51	101	53-100
Methyl Acetate	50	NA	64	127	58-112
Methylcyclohexane	50	NA	53	105	78-112

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23726-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: Z8807 Lab Sample ID: WG23726-2

Date Analyzed: 12/09/05 Time Analyzed: 1031

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23726-LCS	WG23726-1	Z8805	12/09/05	0910
02	PEN46SB2901	WV6482-1	Z8817	12/09/05	1644
03	PEN46SB2902	WV6482-2	Z8818	12/09/05	1721
04	PEN46SB2903	WV6482-3	Z8819	12/09/05	1757
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06					
07					
08					
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10					
11					
12					
13					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09-DEC-2005 10:31
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23726-2
Client ID: WG23726-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	25	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		127%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		104%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23726-1
Client ID: WG23726-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	90		179	13-217
Chloromethane	50	NA	49		97	36-165
Vinyl chloride	50	NA	59		119	47-159
Bromomethane	50	NA	64		128	43-181
Chloroethane	50	NA	54		108	54-157
Trichlorofluoromethane	50	NA	64		127	62-138
Diethyl Ether	50	NA	58		117	70-138
Tertiary-butyl alcohol	250	NA	345	✓	138	74-127
1,1-Dichloroethene	50	NA	57		114	68-141
Carbon Disulfide	50	NA	56		112	45-141
Freon-113	50	NA	64		128	62-142
Iodomethane	50	NA	56		111	33-178
Acrolein	250	NA	283		113	44-146
Methylene Chloride	50	NA	50		100	34-171
Acetone	50	NA	38		76	44-226
Isobutyl Alcohol	1000	NA	1020		102	77-124
trans-1,2-Dichloroethene	50	NA	54		107	72-133
Allyl Chloride	50	NA	61		121	66-137
Methyl tert-butyl ether	100	NA	114		114	11-259
Acetonitrile	500	NA	482		96	67-137
Di-isopropyl ether	50	NA	51		102	74-126
Chloroprene	50	NA	58		115	74-131
Methacrylonitrile	500	NA	537		107	75-127
Propionitrile	500	NA	487		97	71-128
1,1-Dichloroethane	50	NA	50		100	75-130
Acrylonitrile	250	NA	246		98	73-123
Ethyl tertiary-butyl ether	50	NA	53		106	75-125
Vinyl Acetate	50	NA	41		82	59-162
cis-1,2-Dichloroethene	50	NA	54		109	67-129
1,2-Dichloroethylene (total)	100	NA	108		108	70-130
Methyl Methacrylate	50	NA	59		118	78-126
2,2-Dichloropropane	50	NA	61		121	70-138
Bromochloromethane	50	NA	59		118	73-122
Chloroform	50	NA	58		115	73-127
Carbon Tetrachloride	50	NA	68	(*)	136	75-130
Tetrahydrofuran	50	NA	57		114	65-140
1,1,1-Trichloroethane	50	NA	61		122	71-129
1,1-Dichloropropene	50	NA	59		119	84-121
2-Butanone	50	NA	85		170	22-267
Benzene	50	NA	52		103	76-123
Cyclohexane	50	NA	55		109	60-140
Ethyl Methacrylate	50	NA	58		115	79-127
Tertiary-amyl methyl ether	50	NA	54		108	73-126
1,2-Dichloroethane	50	NA	68	(*)	135	80-123
Trichloroethene	50	NA	57		114	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23726-1
Client ID: WG23726-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	66	132	83-121
1,2-Dichloropropane	50	NA	49	98	77-123
Bromodichloromethane	50	NA	56	112	78-107
cis-1,3-dichloropropene	50	NA	56	112	76-125
1,4-Dioxane	1000	NA	1220	122	72-135
2-Chloroethylvinylether	50	NA	53	106	0-159
Toluene	50	NA	53	105	76-121
4-methyl-2-pentanone	50	NA	56	111	69-148
Tetrachloroethene	50	NA	56	112	87-114
trans-1,3-Dichloropropene	50	NA	63	126	80-136
1,1,2-Trichloroethane	50	NA	52	104	76-120
Dibromochloromethane	50	NA	52	104	87-114
1,3-Dichloropropane	50	NA	50	100	86-113
1,2-Dibromoethane	50	NA	56	112	81-120
2-Hexanone	50	NA	53	105	67-157
Chlorobenzene	50	NA	51	101	90-111
Ethylbenzene	50	NA	53	106	89-111
1,1,1,2-Tetrachloroethane	50	NA	55	111	89-110
Xylenes (total)	150	NA	160	107	91-113
m+p-Xylenes	100	NA	108	108	91-113
o-Xylene	50	NA	53	105	91-112
Styrene	50	NA	49	98	85-114
Bromoform	50	NA	58	115	92-113
Isopropylbenzene	50	NA	53	106	89-132
cis-1,4-Dichloro-2-Butene	50	NA	54	107	66-128
trans-1,4-Dichloro-2-Butene	50	NA	55	109	78-125
Bromobenzene	50	NA	49	98	87-109
N-Propylbenzene	50	NA	49	99	86-119
1,1,2,2-Tetrachloroethane	50	NA	46	93	77-119
1,3,5-Trimethylbenzene	50	NA	50	100	84-117
2-Chlorotoluene	50	NA	49	99	78-120
1,2,3-Trichloropropane	50	NA	44	89	83-115
4-Chlorotoluene	50	NA	49	99	84-118
tert-Butylbenzene	50	NA	49	98	76-128
Pentachloroethane	50	NA	47	95	83-119
1,2,4-Trimethylbenzene	50	NA	50	100	83-118
P-Isopropyltoluene	50	NA	50	101	91-120
1,3-Dichlorobenzene	50	NA	50	101	90-113
1,4-Dichlorobenzene	50	NA	50	100	89-112
N-Butylbenzene	50	NA	51	102	80-122
sec-Butylbenzene	50	NA	51	102	86-118
1,2-Dichlorobenzene	50	NA	49	97	90-110
1,2-Dibromo-3-Chloropropane	50	NA	54	107	66-137
1,3,5-Trichlorobenzene	50	NA	61	121	53-170
Hexachlorobutadiene	50	NA	53	107	80-117

FORM III VOA-2
Z8805.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/09/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23726-1
Client ID: WG23726-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23726
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	51	102	75-128
1,2,3-Trimethylbenzene	50	NA	56	111	80-126
Naphthalene	50	NA	46	93	72-117
1,2,3-Trichlorobenzene	50	NA	46	93	72-126
Methyl Acetate	50	NA	61	122	74-113
Methylcyclohexane	50	NA	54	108	74-129

FORM III VOA-2

Z8805.D

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23799-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: Z8829 Lab Sample ID: WG23799-2

Date Analyzed: 12/12/05 Time Analyzed: 1335

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23799-LCS	WG23799-1	Z8827	12/12/05	1211
02	PEN46SB2901	WV6482-1RA	Z8835	12/12/05	1723
03	PEN46SB2902	WV6482-2RA	Z8836	12/12/05	1759
04	PEN46SB3001	WV6482-4RA	Z8837	12/12/05	1836
05	PEN46SB3003	WV6482-7	Z8840	12/12/05	2026
06	PEN46SB3101	WV6482-8	Z8841	12/12/05	2103
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12-DEC-2005 13:35
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23799-2
Client ID: WG23799-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	25	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		82%				
460-00-4	P-Bromofluorobenzene		83%				
1868-53-7	Dibromofluoromethane		83%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/12/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23799-1
Client ID: WG23799-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	67	134	13-217
Chloromethane	50	NA	45	89	36-165
Vinyl chloride	50	NA	48	95	47-159
Bromomethane	50	NA	53	105	43-181
Chloroethane	50	NA	46	92	54-157
Trichlorofluoromethane	50	NA	49	98	62-138
Diethyl Ether	50	NA	45	89	70-138
Tertiary-butyl alcohol	250	NA	235	94	74-127
1,1-Dichloroethene	50	NA	48	96	68-141
Carbon Disulfide	50	NA	47	93	45-141
Freon-113	50	NA	50	100	62-142
Iodomethane	50	NA	31	62	33-178
Acrolein	250	NA	230	92	44-146
Methylene Chloride	50	NA	46	92	34-171
Acetone	50	NA	34	67	44-226
Isobutyl Alcohol	1000	NA	756	76	77-124
trans-1,2-Dichloroethene	50	NA	45	90	72-133
Allyl Chloride	50	NA	41	82	66-137
Methyl tert-butyl ether	100	NA	104	104	11-259
Acetonitrile	500	NA	387	77	67-137
Di-isopropyl ether	50	NA	47	94	74-126
Chloroprene	50	NA	48	97	74-131
Methacrylonitrile	500	NA	471	94	75-127
Propionitrile	500	NA	371	74	71-128
1,1-Dichloroethane	50	NA	46	91	75-130
Acrylonitrile	250	NA	185	74	73-123
Ethyl tertiary-butyl ether	50	NA	48	96	75-125
Vinyl Acetate	50	NA	37	74	59-162
cis-1,2-Dichloroethene	50	NA	48	96	67-129
1,2-Dichloroethylene (total)	100	NA	93	93	70-130
Methyl Methacrylate	50	NA	49	99	78-126
2,2-Dichloropropane	50	NA	46	93	70-138
Bromochloromethane	50	NA	52	104	73-122
Chloroform	50	NA	47	94	73-127
Carbon Tetrachloride	50	NA	56	113	75-130
Tetrahydrofuran	50	NA	41	82	65-140
1,1,1-Trichloroethane	50	NA	53	106	71-129
1,1-Dichloropropene	50	NA	54	108	84-121
2-Butanone	50	NA	89	178	22-267
Benzene	50	NA	50	99	76-123
Cyclohexane	50	NA	49	99	60-140
Ethyl Methacrylate	50	NA	49	99	79-127
Tertiary-amyl methyl ether	50	NA	48	97	73-126
1,2-Dichloroethane	50	NA	58	116	80-123
Trichloroethene	50	NA	51	102	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/12/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23799-1
Client ID: WG23799-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	52	104	83-121
1,2-Dichloropropane	50	NA	48	97	77-123
Bromodichloromethane	50	NA	51	103	78-107
cis-1,3-dichloropropene	50	NA	52	104	76-125
1,4-Dioxane	1000	NA	870	87	72-135
2-Chloroethylvinylether	50	NA	49	98	0-159
Toluene	50	NA	51	102	76-121
4-methyl-2-pentanone	50	NA	51	102	69-148
Tetrachloroethene	50	NA	51	102	87-114
trans-1,3-Dichloropropene	50	NA	56	112	80-136
1,1,2-Trichloroethane	50	NA	47	95	76-120
Dibromochloromethane	50	NA	50	100	87-114
1,3-Dichloropropane	50	NA	49	99	86-113
1,2-Dibromoethane	50	NA	51	102	81-120
2-Hexanone	50	NA	51	103	67-157
Chlorobenzene	50	NA	49	99	90-111
Ethylbenzene	50	NA	50	101	89-111
1,1,1,2-Tetrachloroethane	50	NA	53	106	89-110
Xylenes (total)	150	NA	155	103	91-113
m+p-Xylenes	100	NA	104	104	91-113
o-Xylene	50	NA	51	103	91-112
Styrene	50	NA	51	101	85-114
Bromoform	50	NA	52	105	92-113
Isopropylbenzene	50	NA	53	106	89-132
cis-1,4-Dichloro-2-Butene	50	NA	50	101	66-128
trans-1,4-Dichloro-2-Butene	50	NA	48	95	78-125
Bromobenzene	50	NA	49	98	87-109
N-Propylbenzene	50	NA	48	96	86-119
1,1,2,2-Tetrachloroethane	50	NA	46	91	77-119
1,3,5-Trimethylbenzene	50	NA	49	98	84-117
2-Chlorotoluene	50	NA	49	98	78-120
1,2,3-Trichloropropane	50	NA	44	89	83-115
4-Chlorotoluene	50	NA	50	99	84-118
tert-Butylbenzene	50	NA	50	99	76-128
Pentachloroethane	50	NA	48	95	83-119
1,2,4-Trimethylbenzene	50	NA	49	97	83-118
P-Isopropyltoluene	50	NA	51	103	91-120
1,3-Dichlorobenzene	50	NA	49	99	90-113
1,4-Dichlorobenzene	50	NA	50	99	89-112
N-Butylbenzene	50	NA	48	96	80-122
sec-Butylbenzene	50	NA	48	97	86-118
1,2-Dichlorobenzene	50	NA	49	97	90-110
1,2-Dibromo-3-Chloropropane	50	NA	52	104	66-137
1,3,5-Trichlorobenzene	50	NA	50	99	53-170
Hexachlorobutadiene	50	NA	52	103	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/12/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23799-1
Client ID: WG23799-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23799
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	53	107	75-128
1,2,3-Trimethylbenzene	50	NA	48	96	80-126
Naphthalene	50	NA	51	102	72-117
1,2,3-Trichlorobenzene	50	NA	60	120	72-126
Methyl Acetate	50	NA	52	103	74-113
Methylcyclohexane	50	NA	47	94	74-129

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23826-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: Z8850 Lab Sample ID: WG23826-2

Date Analyzed: 12/13/05 Time Analyzed: 1241

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23826-LCS	WG23826-1	Z8848	12/13/05	1122
02	PEN46SB3001D	WV6482-5RA2	Z8853	12/13/05	1437
03	PEN46SB3002	WV6482-6RA	Z8854	12/13/05	1513
04	PEN46SB3102	WV6482-9RA	Z8856	12/13/05	1627
05	PEN46SB3103	WV6482-10RA	Z8857	12/13/05	1704
06	PEN45SB2501	WV6482-11	Z8858	12/13/05	1740
07	PEN45SB2503	WV6482-13	Z8860	12/13/05	1853
08					
09					
10					
11					
12					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 13-DEC-2005 12:41
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23826-2
Client ID: WG23826-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	25	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		120%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		98%				
1868-53-7	Dibromofluoromethane		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/13/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23826-1
Client ID: WG23826-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	53	105	13-217
Chloromethane	50	NA	40	80	36-165
Vinyl chloride	50	NA	41	81	47-159
Bromomethane	50	NA	46	91	43-181
Chloroethane	50	NA	40	79	54-157
Trichlorofluoromethane	50	NA	46	92	62-138
Diethyl Ether	50	NA	43	85	70-138
Tertiary-butyl alcohol	250	NA	226	90	74-127
1,1-Dichloroethene	50	NA	38	77	68-141
Carbon Disulfide	50	NA	41	81	45-141
Freon-113	50	NA	49	98	62-142
Iodomethane	50	NA	26	52	33-178
Acrolein	250	NA	197	79	44-146
Methylene Chloride	50	NA	45	90	34-171
Acetone	50	NA	29	58	44-226
Isobutyl Alcohol	1000	NA	742	74	77-124
trans-1,2-Dichloroethene	50	NA	45	90	72-133
Allyl Chloride	50	NA	40	79	66-137
Methyl tert-butyl ether	100	NA	99	99	11-259
Acetonitrile	500	NA	388	78	67-137
Di-isopropyl ether	50	NA	44	88	74-126
Chloroprene	50	NA	50	100	74-131
Methacrylonitrile	500	NA	430	86	75-127
Propionitrile	500	NA	345	69	71-128
1,1-Dichloroethane	50	NA	41	81	75-130
Acrylonitrile	250	NA	194	78	73-123
Ethyl tertiary-butyl ether	50	NA	47	94	75-125
Vinyl Acetate	50	NA	49	99	59-162
cis-1,2-Dichloroethene	50	NA	47	94	67-129
1,2-Dichloroethylene (total)	100	NA	92	92	70-130
Methyl Methacrylate	50	NA	46	92	78-126
2,2-Dichloropropane	50	NA	48	95	70-138
Bromochloromethane	50	NA	47	93	73-122
Chloroform	50	NA	47	94	73-127
Carbon Tetrachloride	50	NA	58	116	75-130
Tetrahydrofuran	50	NA	39	77	65-140
1,1,1-Trichloroethane	50	NA	53	106	71-129
1,1-Dichloropropene	50	NA	53	106	84-121
2-Butanone	50	NA	85	171	22-267
Benzene	50	NA	46	93	76-123
Cyclohexane	50	NA	47	93	60-140
Ethyl Methacrylate	50	NA	48	96	79-127
Tertiary-amyl methyl ether	50	NA	45	89	73-126
1,2-Dichloroethane	50	NA	56	112	80-123
Trichloroethene	50	NA	51	101	75-136

FORM III VOA-2
Z8848.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/13/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23826-1
Client ID: WG23826-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	51	102	83-121
1,2-Dichloropropane	50	NA	47	94	77-123
Bromodichloromethane	50	NA	52	104	78-107
cis-1,3-dichloropropene	50	NA	51	103	76-125
1,4-Dioxane	1000	NA	957	96	72-135
2-Chloroethylvinylether	50	NA	50	100	0-159
Toluene	50	NA	49	99	76-121
4-methyl-2-pentanone	50	NA	47	95	69-148
Tetrachloroethene	50	NA	51	102	87-114
trans-1,3-Dichloropropene	50	NA	57	114	80-136
1,1,2-Trichloroethane	50	NA	47	94	76-120
Dibromochloromethane	50	NA	48	96	87-114
1,3-Dichloropropane	50	NA	48	96	86-113
1,2-Dibromoethane	50	NA	52	103	81-120
2-Hexanone	50	NA	47	94	67-157
Chlorobenzene	50	NA	50	100	90-111
Ethylbenzene	50	NA	50	101	89-111
1,1,1,2-Tetrachloroethane	50	NA	54	107	89-110
Xylenes (total)	150	NA	150	100	91-113
m+p-Xylenes	100	NA	100	100	91-113
o-Xylene	50	NA	50	100	91-112
Styrene	50	NA	49	98	85-114
Bromoform	50	NA	51	103	92-113
Isopropylbenzene	50	NA	56	112	89-132
cis-1,4-Dichloro-2-Butene	50	NA	50	99	66-128
trans-1,4-Dichloro-2-Butene	50	NA	48	95	78-125
Bromobenzene	50	NA	51	102	87-109
N-Propylbenzene	50	NA	50	101	86-119
1,1,2,2-Tetrachloroethane	50	NA	46	92	77-119
1,3,5-Trimethylbenzene	50	NA	52	104	84-117
2-Chlorotoluene	50	NA	50	101	78-120
1,2,3-Trichloropropane	50	NA	52	104	83-115
4-Chlorotoluene	50	NA	52	103	84-118
tert-Butylbenzene	50	NA	50	101	76-128
Pentachloroethane	50	NA	55	110	83-119
1,2,4-Trimethylbenzene	50	NA	51	103	83-118
P-Isopropyltoluene	50	NA	54	107	91-120
1,3-Dichlorobenzene	50	NA	52	103	90-113
1,4-Dichlorobenzene	50	NA	52	103	89-112
N-Butylbenzene	50	NA	52	103	80-122
sec-Butylbenzene	50	NA	52	103	86-118
1,2-Dichlorobenzene	50	NA	50	101	90-110
1,2-Dibromo-3-Chloropropane	50	NA	53	107	66-137
1,3,5-Trichlorobenzene	50	NA	50	101	53-170
Hexachlorobutadiene	50	NA	54	107	80-117

FORM III VOA-2
Z8848.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/13/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23826-1
Client ID: WG23826-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23826
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	51	102	75-128
1,2,3-Trimethylbenzene	50	NA	50	99	80-126
Naphthalene	50	NA	41	82	72-117
1,2,3-Trichlorobenzene	50	NA	46	93	72-126
Methyl Acetate	50	NA	33	66	74-113
Methylcyclohexane	50	NA	45	91	74-129

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23858-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: Z8869 Lab Sample ID: WG23858-2

Date Analyzed: 12/14/05 Time Analyzed: 1323

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23858-LCS	WG23858-1	Z8867	12/14/05	1154
02	PEN46SB3101	WV6482-8RA2	Z8870	12/14/05	1405
03	PEN46SB3102	WV6482-9RA2	Z8871	12/14/05	1441
04	PEN45SB2501	WV6482-11RA	Z8872	12/14/05	1518
05	PEN45SB2503	WV6482-13RA	Z8874	12/14/05	1631
06					
07					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 14-DEC-2005 13:23
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23858-2
Client ID: WG23858-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	25	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		74%				
460-00-4	P-Bromofluorobenzene		75%				
1868-53-7	Dibromofluoromethane		72%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/14/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23858-1
Client ID: WG23858-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	1.7		3	13-217
Chloromethane	50	NA	16	*	33	36-165
Vinyl chloride	50	NA	14	*	29	47-159
Bromomethane	50	NA	23		46	43-181
Chloroethane	50	NA	25	*	50	54-157
Trichlorofluoromethane	50	NA	33		66	62-138
Diethyl Ether	50	NA	42		84	70-138
Tertiary-butyl alcohol	250	NA	237		95	74-127
1,1-Dichloroethene	50	NA	36		71	68-141
Carbon Disulfide	50	NA	28		57	45-141
Freon-113	50	NA	49		99	62-142
Iodomethane	50	NA	10		21	33-178
Acrolein	250	NA	204		82	44-146
Methylene Chloride	50	NA	41		81	34-171
Acetone	50	NA	30		61	44-226
Isobutyl Alcohol	1000	NA	782		78	77-124
trans-1,2-Dichloroethene	50	NA	42		85	72-133
Allyl Chloride	50	NA	42		85	66-137
Methyl tert-butyl ether	100	NA	96		96	11-259
Acetonitrile	500	NA	369		74	67-137
Di-isopropyl ether	50	NA	44		88	74-126
Chloroprene	50	NA	47		94	74-131
Methacrylonitrile	500	NA	460		92	75-127
Propionitrile	500	NA	375		75	71-128
1,1-Dichloroethane	50	NA	40		79	75-130
Acrylonitrile	250	NA	194		78	73-123
Ethyl tertiary-butyl ether	50	NA	47		93	75-125
Vinyl Acetate	50	NA	48		95	59-162
cis-1,2-Dichloroethene	50	NA	43		87	67-129
1,2-Dichloroethylene (total)	100	NA	86		86	70-130
Methyl Methacrylate	50	NA	49		97	78-126
2,2-Dichloropropane	50	NA	44		88	70-138
Bromochloromethane	50	NA	47		94	73-122
Chloroform	50	NA	47		93	73-127
Carbon Tetrachloride	50	NA	51		101	75-130
Tetrahydrofuran	50	NA	50		100	65-140
1,1,1-Trichloroethane	50	NA	48		97	71-129
1,1-Dichloropropene	50	NA	49		98	84-121
2-Butanone	50	NA	75		150	22-267
Benzene	50	NA	43		86	76-123
Cyclohexane	50	NA	41		82	60-140
Ethyl Methacrylate	50	NA	49		98	79-127
Tertiary-amyl methyl ether	50	NA	47		94	73-126
1,2-Dichloroethane	50	NA	54		108	80-123
Trichloroethene	50	NA	47		94	75-136

FORM III VOA-2
Z8867.D

Sample Data Summary A0000074

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/14/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23858-1
Client ID: WG23858-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	50	100	83-121
1,2-Dichloropropane	50	NA	44	89	77-123
Bromodichloromethane	50	NA	54	(*) 108	78-107
cis-1,3-dichloropropene	50	NA	48	96	76-125
1,4-Dioxane	1000	NA	836	84	72-135
2-Chloroethylvinylether	50	NA	50	100	0-159
Toluene	50	NA	45	91	76-121
4-methyl-2-pentanone	50	NA	50	99	69-148
Tetrachloroethene	50	NA	51	101	87-114
trans-1,3-Dichloropropene	50	NA	54	107	80-136
1,1,2-Trichloroethane	50	NA	46	92	76-120
Dibromochloromethane	50	NA	51	102	87-114
1,3-Dichloropropane	50	NA	50	99	86-113
1,2-Dibromoethane	50	NA	50	99	81-120
2-Hexanone	50	NA	52	105	67-157
Chlorobenzene	50	NA	49	98	90-111
Ethylbenzene	50	NA	49	98	89-111
1,1,1,2-Tetrachloroethane	50	NA	52	104	89-110
Xylenes (total)	150	NA	148	99	91-113
m+p-Xylenes	100	NA	98	98	91-113
o-Xylene	50	NA	50	99	91-112
Styrene	50	NA	49	99	85-114
Bromoform	50	NA	54	107	92-113
Isopropylbenzene	50	NA	51	103	89-132
cis-1,4-Dichloro-2-Butene	50	NA	48	96	66-128
trans-1,4-Dichloro-2-Butene	50	NA	48	97	78-125
Bromobenzene	50	NA	47	94	87-109
N-Propylbenzene	50	NA	46	91	86-119
1,1,2,2-Tetrachloroethane	50	NA	44	89	77-119
1,3,5-Trimethylbenzene	50	NA	48	97	84-117
2-Chlorotoluene	50	NA	47	93	78-120
1,2,3-Trichloropropane	50	NA	48	95	83-115
4-Chlorotoluene	50	NA	46	93	84-118
tert-Butylbenzene	50	NA	51	101	76-128
Pentachloroethane	50	NA	51	103	83-119
1,2,4-Trimethylbenzene	50	NA	48	96	83-118
P-Isopropyltoluene	50	NA	50	101	91-120
1,3-Dichlorobenzene	50	NA	48	96	90-113
1,4-Dichlorobenzene	50	NA	48	96	89-112
N-Butylbenzene	50	NA	46	92	80-122
sec-Butylbenzene	50	NA	48	96	86-118
1,2-Dichlorobenzene	50	NA	48	96	90-110
1,2-Dibromo-3-Chloropropane	50	NA	50	100	66-137
1,3,5-Trichlorobenzene	50	NA	49	97	53-170
Hexachlorobutadiene	50	NA	49	98	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/14/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23858-1
Client ID: WG23858-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23858
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	51	102	75-128
1,2,3-Trimethylbenzene	50	NA	49	98	80-126
Naphthalene	50	NA	53	106	72-117
1,2,3-Trichlorobenzene	50	NA	61	121	72-126
Methyl Acetate	50	NA	36	72	74-113
Methylcyclohexane	50	NA	44	89	74-129

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23918-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: Z8883 Lab Sample ID: WG23918-2

Date Analyzed: 12/15/05 Time Analyzed: 1316

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23918-LCS	WG23918-1	Z8881	12/15/05	1157
02	PEN45SB2502	WV6482-12RA2	Z8884	12/15/05	1358
03					
04					
05					
06					
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29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 15-DEC-2005 13:16
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23918-2
Client ID: WG23918-Blank
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23918
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1.0	1.0	5	5	1.0
75-01-4	Vinyl chloride	U	2	1.0	5	5	2
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	1	1.0	5	5	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	5	1
67-64-1	Acetone	U	4	1.0	25	25	4
75-15-0	Carbon Disulfide	U	2	1.0	5	5	2
75-09-2	Methylene Chloride	I	5	1.0	5	5	2
75-34-3	1,1-Dichloroethane	U	1	1.0	5	5	1
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	10	10	2
78-93-3	2-Butanone	U	3	1.0	25	25	3
67-66-3	Chloroform	U	0.8	1.0	5	5	0.8
71-55-6	1,1,1-Trichloroethane	U	1	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	3	1.0	5	5	3
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
108-88-3	Toluene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.8	1.0	5	5	0.8
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
591-78-6	2-Hexanone	U	4	1.0	25	25	4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
108-90-7	Chlorobenzene	U	0.7	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	5	5	1
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		86%				
1868-53-7	Dibromofluoromethane		89%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23918-1
Client ID: WG23918-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23918
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	93		185	13-217
Chloromethane	50	NA	24		47	36-165
Vinyl chloride	50	NA	56		113	47-159
Bromomethane	50	NA	52		105	43-181
Chloroethane	50	NA	46		91	54-157
Trichlorofluoromethane	50	NA	61		123	62-138
Diethyl Ether	50	NA	40		80	70-138
Tertiary-butyl alcohol	250	NA	180	✓	72	74-127
1,1-Dichloroethene	50	NA	49		98	68-141
Carbon Disulfide	50	NA	49		97	45-141
Freon-113	50	NA	51		103	62-142
Iodomethane	50	NA	39		77	33-178
Acrolein	250	NA	180		72	44-146
Methylene Chloride	50	NA	46		93	34-171
Acetone	50	NA	33		67	44-226
Isobutyl Alcohol	1000	NA	639	✓	64	77-124
trans-1,2-Dichloroethene	50	NA	48		96	72-133
Allyl Chloride	50	NA	36		71	66-137
Methyl tert-butyl ether	100	NA	91		91	11-259
Acetonitrile	500	NA	310	✓	62	67-137
Di-isopropyl ether	50	NA	42		85	74-126
Chloroprene	50	NA	48		96	74-131
Methacrylonitrile	500	NA	382		76	75-127
Propionitrile	500	NA	322	✓	64	71-128
1,1-Dichloroethane	50	NA	42		85	75-130
Acrylonitrile	250	NA	180	✓	72	73-123
Ethyl tertiary-butyl ether	50	NA	44		88	75-125
Vinyl Acetate	50	NA	47		95	59-162
cis-1,2-Dichloroethene	50	NA	46		92	67-129
1,2-Dichloroethylene (total)	100	NA	94		94	70-130
Methyl Methacrylate	50	NA	43		85	78-126
2,2-Dichloropropane	50	NA	51		102	70-138
Bromochloromethane	50	NA	40		80	73-122
Chloroform	50	NA	50		100	73-127
Carbon Tetrachloride	50	NA	58		116	75-130
Tetrahydrofuran	50	NA	41		83	65-140
1,1,1-Trichloroethane	50	NA	55		111	71-129
1,1-Dichloropropene	50	NA	58		116	84-121
2-Butanone	50	NA	86		172	22-267
Benzene	50	NA	50		101	76-123
Cyclohexane	50	NA	51		102	60-140
Ethyl Methacrylate	50	NA	42		83	79-127
Tertiary-amyl methyl ether	50	NA	41		83	73-126
1,2-Dichloroethane	50	NA	58		115	80-123
Trichloroethene	50	NA	54		108	75-136

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23918-1
Client ID: WG23918-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23918
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	52	105	83-121
1,2-Dichloropropane	50	NA	49	99	77-123
Bromodichloromethane	50	NA	52	104	78-107
cis-1,3-dichloropropene	50	NA	51	103	76-125
1,4-Dioxane	1000	NA	810	81	72-135
2-Chloroethylvinylether	50	NA	49	98	0-159
Toluene	50	NA	52	103	76-121
4-methyl-2-pentanone	50	NA	42	84	69-148
Tetrachloroethene	50	NA	56	113	87-114
trans-1,3-Dichloropropene	50	NA	55	110	80-136
1,1,2-Trichloroethane	50	NA	45	91	76-120
Dibromochloromethane	50	NA	50	101	87-114
1,3-Dichloropropane	50	NA	48	96	86-113
1,2-Dibromoethane	50	NA	51	101	81-120
2-Hexanone	50	NA	44	89	67-157
Chlorobenzene	50	NA	53	106	90-111
Ethylbenzene	50	NA	54	107	89-111
1,1,1,2-Tetrachloroethane	50	NA	52	105	89-110
Xylenes (total)	150	NA	159	106	91-113
m+p-Xylenes	100	NA	106	106	91-113
o-Xylene	50	NA	53	106	91-112
Styrene	50	NA	52	104	85-114
Bromoform	50	NA	49	98	92-113
Isopropylbenzene	50	NA	58	117	89-132
cis-1,4-Dichloro-2-Butene	50	NA	46	93	66-128
trans-1,4-Dichloro-2-Butene	50	NA	42	84	78-125
Bromobenzene	50	NA	52	104	87-109
N-Propylbenzene	50	NA	53	105	86-119
1,1,2,2-Tetrachloroethane	50	NA	43	86	77-119
1,3,5-Trimethylbenzene	50	NA	54	109	84-117
2-Chlorotoluene	50	NA	52	105	78-120
1,2,3-Trichloropropane	50	NA	51	102	83-115
4-Chlorotoluene	50	NA	54	108	84-118
tert-Butylbenzene	50	NA	53	106	76-128
Pentachloroethane	50	NA	54	108	83-119
1,2,4-Trimethylbenzene	50	NA	55	110	83-118
P-Isopropyltoluene	50	NA	56	113	91-120
1,3-Dichlorobenzene	50	NA	55	110	90-113
1,4-Dichlorobenzene	50	NA	53	107	89-112
N-Butylbenzene	50	NA	55	110	80-122
sec-Butylbenzene	50	NA	56	112	86-118
1,2-Dichlorobenzene	50	NA	51	102	90-110
1,2-Dibromo-3-Chloropropane	50	NA	46	92	66-137
1,3,5-Trichlorobenzene	50	NA	48	95	53-170
Hexachlorobutadiene	50	NA	55	110	80-117

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/15/05
Report Date: 01/03/2006
Matrix: SOIL

Lab ID: WG23918-1
Client ID: WG23918-LCS
SDG: CTO367-2
Extracted by:
Extraction Method: SW846 5035
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG23918
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	38		76	75-128
1,2,3-Trimethylbenzene	50	NA	48		95	80-126
Naphthalene	50	NA	18	*	36	72-117
1,2,3-Trichlorobenzene	50	NA	20	*	40	72-126
Methyl Acetate	50	NA	35	*	70	74-113
Methylcyclohexane	50	NA	45		90	74-129

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level: (low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG23807-LCS	WG23807-2	79	89	78	71	85	95			0
02	WG23807-LCSD	WG23807-3	98	104	88	78	90	92			0
03	WG23807-BLANK	WG23807-1	84	98	87	93	74	91			0
04	WG23940-BLANK	WG23940-1	75	89	79	80	77	77			0
05	WG23940-LCS	WG23940-2	83	88	85	79	80	87			0
06	WG23940-LCSD	WG23940-3	78	81	79	78	74	81			0
07	PEN46SB2901	WV6482-1	31J	74	84	94	24J	92			2
08	PEN46SB2902	WV6482-2	50	58	53	54	31J	53J			2
09	PEN46SB2903	WV6482-3	72	84	70	71	57	74J			1
10	PEN46SB3001	WV6482-4	75	80	68	89	118J	85			1
11	PEN46SB3001D	WV6482-5	74	78	64	84	102J	88			1
12	PEN46SB3002	WV6482-6	76	79	66	86	99	84			0
13	PEN46SB3003	WV6482-7	78	84	73	90	120J	93			1
14	PEN46SB3101	WV6482-8	74	81	68	89	89	89			0
15	PEN46SB3102	WV6482-9	73	79	65	79	92	84			0
16	PEN46SB3103	WV6482-10	37J	64	63	81	24J	97			2
17	PEN45SB2501	WV6482-11	72	77	68	80	110J	115J			2
18	PEN45SB2502	WV6482-12	69	74	66	78	103J	127J			2
19	PEN45SB2503	WV6482-13	69	76	68	80	133J	127J			2
20	PEN45SB2502	WV6482-12RA	70	77	71	85	75	129J			1
21	PEN45SB2501	WV6482-11RA	70	77	66	80	76	145J			1
22	WG24538-BLANK	WG24538-1	70	78	69	84	80	89			0
23	WG24565-BLANK	WG24565-1	71	77	68	76	75	89			0
24	PEN46SB2901	WV6482-1RE	10J	38	72	98	15J	163J			3
25	PEN46SB2902	WV6482-2RE	70	75	73	81	36J	90			1
26	PEN46SB3103	WV6482-10RE	71	50	71	168J	183J	262J			3
27	WG24538-LCS	WG24538-2	78	79	80	74	82	100			0
28	WG24538-LCSD	WG24538-3	78	82	80	76	90	94			0

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(40-130)
S2 (PHL) = Phenol-D6	(35-120)
S3 (NBZ) = Nitrobenzene-D5	(35-124)
S4 (FBP) = 2-Fluorobiphenyl	(34-107)
S5 (TBP) = 2,4,6-Tribromophenol	(37- 99)
S6 (TPH) = Terphenyl-D14	(75-111)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level: (low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG24565-LCS	WG24565-2	65	72	62	72	94	103			0
02											
03											
04											
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
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21											
22											
23											
24											
25											
26											
27											
28											

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(40-130)
S2 (PHL) = Phenol-D6	(35-120)
S3 (NBZ) = Nitrobenzene-D5	(35-124)
S4 (FBP) = 2-Fluorobiphenyl	(34-107)
S5 (TBP) = 2,4,6-Tribromophenol	(37- 99)
S6 (TPH) = Terphenyl-D14	(75-111)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG23602-BLANK	WG23602-1	53	40	74	92	109	112			0
02	WG23602-LCS	WG23602-2	59	39	76	65	111	97			0
03	WG23602-LCSD	WG23602-3	58	42	73	60	117	106			0
04	PEN46RB1202	WV6482-14	59	47	82	88	73	83			0
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
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17											
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27											
28											

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(18-103)
S2 (PHL) = Phenol-D6	(11-117)
S3 (NBZ) = Nitrobenzene-D5	(48-109)
S4 (FBP) = 2-Fluorobiphenyl	(37-112)
S5 (TBP) = 2,4,6-Tribromophenol	(22-145)
S6 (TPH) = Terphenyl-D14	(39-164)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23602-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: K0859 Lab Sample ID: WG23602-1

Instrument ID: GCMS-K Date Extracted: 12/07/05

Matrix: (soil/water) WATER Date Analyzed: 12/14/05

Level:(low/med) LOW Time Analyzed: 2036

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23602-LCS	WG23602-2	K0860	12/14/05	2125
02	WG23602-LCSD	WG23602-3	K0861	12/14/05	2214
03	PEN46RB1202	WV6482-14	K1074	12/30/05	2040
04					
05					
06					
07					
08					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/07/05
Analysis Date: 14-DEC-2005 20:36
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23602-1
Client ID: WG23602-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23602
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000184

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/07/05
Analysis Date: 14-DEC-2005 20:36
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23602-1
Client ID: WG23602-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23602
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		53%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		92%				
118-79-6	2,4,6-Tribromophenol		109%				
1718-51-0	Terphenyl-D14		112%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/07/05
Analysis Date: 12/14/05
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG23602-2 & WG23602-3
Client ID: WG23602-LCS & WG23602-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23602
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	100	100	NA	34	38	34	38	11	30	0-140
Bis(2-Chloroethyl)ether	50	50	NA	34	34	67	69	3	30	51-125
2-Chlorophenol	100	100	NA	84	89	84	89	6	30	59-127
1,3-Dichlorobenzene	50	50	NA	32	33	64	66	4	30	41- 97
1,4-Dichlorobenzene	50	50	NA	33	34	65	67	3	30	40- 98
1,2-Dichlorobenzene	50	50	NA	31	33	63	66	5	30	32-107
2-Methylphenol	100	100	NA	66	74	66	74	11	30	59-122
2,2'-Oxybis(1-chloropropane)	50	50	NA	30	32	60	65	8	30	52-120
N-Nitroso-di-n-propylamine	50	50	NA	35	38	70	76	8	30	55-109
4-Methylphenol	100	100	NA	60	69	60	69	14	30	46-139
Hexachloroethane	50	50	NA	22	23	43	46	7	30	23- 98
Nitrobenzene	50	50	NA	39	40	78	80	2	30	66-114
Isophorone	50	50	NA	38	39	75	78	3	30	59-114
2-Nitrophenol	100	100	NA	83	86	83	86	4	30	18-162
2,4-Dimethylphenol	100	100	NA	72	74	72	74	2	30	73-109
Bis(2-Chloroethoxy)methane	50	50	NA	40	41	79	81	2	30	60-122
2,4-Dichlorophenol	100	100	NA	84	87	84	87	3	30	60-125
1,2,4-Trichlorobenzene	50	50	NA	32	34	64	69	7	30	49-104
4-Chloroaniline	50	50	NA	24	30	48	61	24	30	21-142
Hexachlorobutadiene	50	50	NA	31	34	62	68	9	30	37-102
4-Chloro-3-Methylphenol	100	100	NA	84	88	84	88	5	30	74-120
Hexachlorocyclopentadiene	50	50	NA	12	12	23	25	7	30	6- 67
2,4,6-Trichlorophenol	100	100	NA	78	83	78	83	6	30	67-128
2,4,5-Trichlorophenol	100	100	NA	75	78	75	78	4	30	61-136
2-Chloronaphthalene	50	50	NA	32	33	64	65	2	30	53-153
2-Nitroaniline	50	50	NA	36	39	72	77	8	30	76-118
Dimethyl Phthalate	50	50	NA	29	32	58	64	10	30	38-131
2,6-Dinitrotoluene	50	50	NA	42	43	85	87	2	30	71-127
3-Nitroaniline	50	50	NA	27	32	53	63	16	30	12-178
2,4-Dinitrophenol	100	100	NA	48	44	48	44	10	30	53-130
Dibenzofuran	50	50	NA	47	48	93	96	2	30	73-120
4-Nitrophenol	100	100	NA	23	26	23	26	13	30	0-169
2,4-Dinitrotoluene	50	50	NA	43	45	86	90	5	30	68-120
Diethylphthalate	50	50	NA	38	40	77	80	4	30	70-120
4-Chlorophenyl-phenylether	50	50	NA	44	45	87	90	3	30	61-134
4-Nitroaniline	50	50	NA	41	42	82	84	2	30	32-127
4,6-Dinitro-2-Methylphenol	100	100	NA	68	69	68	69	2	30	61-148
N-Nitrosodiphenylamine	100	100	NA	38	36	38	36	3	30	31-177
4-Bromophenyl-phenylether	50	50	NA	44	49	88	97	10	30	65-149
Hexachlorobenzene	50	50	NA	48	52	95	103	8	30	57-154
Pentachlorophenol	100	100	NA	52	55	52	55	7	30	25-173
Carbazole	50	50	NA	44	46	87	91	4	30	36-170
Di-n-butylphthalate	50	50	NA	41	44	82	88	7	30	67-137
Butylbenzylphthalate	50	50	NA	38	42	76	84	10	30	60-130
3,3'-Dichlorobenzidine	50	50	NA	27	27	54	55	1	30	68-173

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23807-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: K0944 Lab Sample ID: WG23807-1

Instrument ID: GCMS-K Date Extracted: 12/13/05

Matrix: (soil/water) SOIL Date Analyzed: 12/21/05

Level:(low/med) LOW Time Analyzed: 2100

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23807-LCS	WG23807-2	K0942	12/21/05	1922
02	WG23807-LCSD	WG23807-3	K0943	12/21/05	2010
03	PEN46SB2901	WV6482-1	K1075	12/30/05	2130
04	PEN46SB2902	WV6482-2	K1076	12/30/05	2218
05	PEN46SB2903	WV6482-3	K1077	12/30/05	2308
06	PEN46SB3001	WV6482-4	K1177	01/07/06	2224
07	PEN46SB3001D	WV6482-5	K1188	01/08/06	2033
08	PEN46SB3002	WV6482-6	K1189	01/08/06	2122
09	PEN46SB3003	WV6482-7	K1190	01/08/06	2211
10	PEN46SB3101	WV6482-8	K1191	01/08/06	2300
11	PEN46SB3102	WV6482-9	K1192	01/08/06	2348
12	PEN46SB3103	WV6482-10	K1193	01/09/06	0037
13	PEN45SB2501	WV6482-11	K1210	01/09/06	2055
14	PEN45SB2501	WV6482-11RA	K1261	01/11/06	2026
15					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 21-DEC-2005 21:00
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23807-1
Client ID: WG23807-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	91	1.0	330	330	91
111-44-4	Bis(2-Chloroethyl)ether	U	33	1.0	330	330	33
95-57-8	2-Chlorophenol	U	90	1.0	330	330	90
541-73-1	1,3-Dichlorobenzene	U	53	1.0	330	330	53
106-46-7	1,4-Dichlorobenzene	U	25	1.0	330	330	25
95-50-1	1,2-Dichlorobenzene	U	43	1.0	330	330	43
95-48-7	2-Methylphenol	U	140	1.0	330	330	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	30	1.0	330	330	30
621-64-7	N-Nitroso-di-n-propylamine	U	56	1.0	330	330	56
106-44-5	4-Methylphenol	U	150	1.0	330	330	150
67-72-1	Hexachloroethane	U	61	1.0	330	330	61
98-95-3	Nitrobenzene	U	74	1.0	330	330	74
78-59-1	Isophorone	U	52	1.0	330	330	52
88-75-5	2-Nitrophenol	U	110	1.0	330	330	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	330	120
111-91-1	Bis(2-Chloroethoxy)methane	U	52	1.0	330	330	52
120-83-2	2,4-Dichlorophenol	U	130	1.0	330	330	130
120-82-1	1,2,4-Trichlorobenzene	U	44	1.0	330	330	44
106-47-8	4-Chloroaniline	U	53	1.0	330	330	53
87-68-3	Hexachlorobutadiene	U	44	1.0	330	330	44
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	330	120
77-47-4	Hexachlorocyclopentadiene	U	75	1.0	330	330	75
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	330	120
95-95-4	2,4,5-Trichlorophenol	U	180	1.0	820	820	180
91-58-7	2-Chloronaphthalene	U	48	1.0	330	330	48
88-74-4	2-Nitroaniline	U	75	1.0	820	820	75
131-11-3	Dimethyl Phthalate	U	62	1.0	330	330	62
606-20-2	2,6-Dinitrotoluene	U	77	1.0	330	330	77
99-09-2	3-Nitroaniline	U	71	1.0	820	820	71
51-28-5	2,4-Dinitrophenol	U	62	1.0	820	820	62
132-64-9	Dibenzofuran	U	62	1.0	330	330	62
100-02-7	4-Nitrophenol	U	150	1.0	820	820	150
121-14-2	2,4-Dinitrotoluene	U	97	1.0	330	330	97
84-66-2	Diethylphthalate	U	100	1.0	330	330	100
7005-72-3	4-Chlorophenyl-phenylether	U	50	1.0	330	330	50
100-01-6	4-Nitroaniline	U	69	1.0	820	820	69
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	820	120
86-30-6	N-Nitrosodiphenylamine	U	72	1.0	330	330	72
101-55-3	4-Bromophenyl-phenylether	U	56	1.0	330	330	56
118-74-1	Hexachlorobenzene	U	230	1.0	330	330	230
87-86-5	Pentachlorophenol	U	140	1.0	820	820	140
86-74-8	Carbazole	U	60	1.0	330	330	60
84-74-2	Di-n-butylphthalate	U	84	1.0	330	330	84

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 21-DEC-2005 21:00
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23807-1
Client ID: WG23807-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	68	1.0	330	330	68
91-94-1	3,3'-Dichlorobenzidine	U	130	1.0	330	330	130
117-81-7	bis(2-Ethylhexyl)phthalate	U	74	1.0	330	330	74
117-84-0	Di-n-octylphthalate	U	74	1.0	330	330	74
367-12-4	2-Fluorophenol		84%				
13127-88-3	Phenol-D6		98%				
4165-60-0	Nitrobenzene-D5		87%				
321-60-8	2-Fluorobiphenyl		93%				
118-79-6	2,4,6-Tribromophenol		74%				
1718-51-0	Terphenyl-D14		91%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 12/21/05
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG23807-2 & WG23807-3
Client ID: WG23807-LCS & WG23807-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	3333	3333	NA	2780	3420	83	103	21	50	48-116
Bis(2-Chloroethyl)ether	1667	1667	NA	1260	1840	76	110	37	50	54-114
2-Chlorophenol	3333	3333	NA	2710	3490	81	105	25	50	60-118
1,3-Dichlorobenzene	1667	1667	NA	1040	1520	62	91	38	50	45-110
1,4-Dichlorobenzene	1667	1667	NA	1260	1630	76	98	26	50	44-111
1,2-Dichlorobenzene	1667	1667	NA	1200	1470	72	88	20	50	38-113
2-Methylphenol	3333	3333	NA	2800	2940	84	88	5	50	53-121
2,2'-Oxybis(1-chloropropane)	1667	1667	NA	1470	1670	88	100	13	50	49-122
N-Nitroso-di-n-propylamine	1667	1667	NA	1440	1590	86	95	10	50	36-115
4-Methylphenol	3333	3333	NA	2770	2920	83	88	5	50	59-127
Hexachloroethane	1667	1667	NA	974	1390	58	83	35	50	40- 99
Nitrobenzene	1667	1667	NA	1410	1640	85	98	15	50	49-113
Isophorone	1667	1667	NA	1380	1570	83	94	13	50	46-112
2-Nitrophenol	3333	3333	NA	2560	2880	77	86	12	50	57-120
2,4-Dimethylphenol	3333	3333	NA	2810	2900	84	87	3	50	54-113
Bis(2-Chloroethoxy)methane	1667	1667	NA	1440	1610	86	97	11	50	50-117
2,4-Dichlorophenol	3333	3333	NA	2740	2840	82	85	4	50	59-116
1,2,4-Trichlorobenzene	1667	1667	NA	1240	1450	74	87	16	50	53-115
4-Chloroaniline	1667	1667	NA	185	67	11 *	4 *	94	50	20-120
Hexachlorobutadiene	1667	1667	NA	1180	1440	71	86	20	50	53-114
4-Chloro-3-Methylphenol	3333	3333	NA	2820	2850	85	86	1	50	62-126
Hexachlorocyclopentadiene	1667	1667	NA	700	927	42	56	28	50	28- 73
2,4,6-Trichlorophenol	3333	3333	NA	2820	2830	85	85	0.4	50	62-120
2,4,5-Trichlorophenol	3333	3333	NA	2720	2820	82	85	4	50	62-124
2-Chloronaphthalene	1667	1667	NA	1090	1200	65	72	10	50	42-160
2-Nitroaniline	1667	1667	NA	1800	1760	108	106	2	50	66-121
Dimethyl Phthalate	1667	1667	NA	1600	1560	96	94	2	50	56-133
2,6-Dinitrotoluene	1667	1667	NA	1380	1440	83	86	4	50	66-127
3-Nitroaniline	1667	1667	NA	867	825	52 *	50 *	5	50	57-120
2,4-Dinitrophenol	3333	3333	NA	1410	1490	42	45	6	50	3-118
Dibenzofuran	1667	1667	NA	1730	1780	104	107	3	50	66-119
4-Nitrophenol	3333	3333	NA	4450	4380	134	131	2	50	41-149
2,4-Dinitrotoluene	1667	1667	NA	1540	1550	92	93	0.6	50	60-125
Diethylphthalate	1667	1667	NA	1420	1480	85	89	4	50	57-135
4-Chlorophenyl-phenylether	1667	1667	NA	1530	1500	92	90	2	50	53-133
4-Nitroaniline	1667	1667	NA	1290	1420	77	85	10	50	62-125
4,6-Dinitro-2-Methylphenol	3333	3333	NA	2010	2000	60	60	0.5	50	46-125
N-Nitrosodiphenylamine	3333	3333	NA	1160	1180	35 *	35 *	2	50	70-131
4-Bromophenyl-phenylether	1667	1667	NA	1430	1440	86	86	0.7	50	67-138
Hexachlorobenzene	1667	1667	NA	1350	1390	81	83	3	50	63-131
Pentachlorophenol	3333	3333	NA	2300	2260	69	68	2	50	54-131
Carbazole	1667	1667	NA	1480	1540	89	92	4	50	78-133
Di-n-butylphthalate	1667	1667	NA	1500	1530	90	92	2	50	65-139
Butylbenzylphthalate	1667	1667	NA	1730	1700	104	102	2	50	44-155
3,3'-Dichlorobenzidine	1667	1667	NA	703	638	42	38	10	50	38-137

FORM III SV-2
K0942.D & K0943.D

Sample Data Summary A0000198

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 12/21/05
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG23807-2 & WG23807-3
Client ID: WG23807-LCS & WG23807-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	1667	1667	NA	1790	1800	107	108	0.6	50	45-154
Di-n-octylphthalate	1667	1667	NA	2320	2090	139	125	10	50	53-143

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23940-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: K0953 Lab Sample ID: WG23940-1

Instrument ID: GCMS-K Date Extracted: 12/16/05

Matrix: (soil/water) SOIL Date Analyzed: 12/22/05

Level:(low/med) LOW Time Analyzed: 1042

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23940-LCS	WG23940-2	K0954	12/22/05	1131
02	WG23940-LCSD	WG23940-3	K0955	12/22/05	1218
03	PEN45SB2502	WV6482-12	K1211	01/09/06	2144
04	PEN45SB2503	WV6482-13	K1212	01/09/06	2232
05	PEN45SB2502	WV6482-12RA	K1260	01/11/06	1938
06					
07					
08					
09					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 22-DEC-2005 10:42
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23940-1
Client ID: WG23940-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	91	1.0	330	330	91
111-44-4	Bis(2-Chloroethyl)ether	U	33	1.0	330	330	33
95-57-8	2-Chlorophenol	U	90	1.0	330	330	90
541-73-1	1,3-Dichlorobenzene	U	53	1.0	330	330	53
106-46-7	1,4-Dichlorobenzene	U	25	1.0	330	330	25
95-50-1	1,2-Dichlorobenzene	U	43	1.0	330	330	43
95-48-7	2-Methylphenol	U	140	1.0	330	330	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	30	1.0	330	330	30
621-64-7	N-Nitroso-di-n-propylamine	U	56	1.0	330	330	56
106-44-5	4-Methylphenol	U	150	1.0	330	330	150
67-72-1	Hexachloroethane	U	61	1.0	330	330	61
98-95-3	Nitrobenzene	U	74	1.0	330	330	74
78-59-1	Isophorone	U	52	1.0	330	330	52
88-75-5	2-Nitrophenol	U	110	1.0	330	330	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	330	120
111-91-1	Bis(2-Chloroethoxy)methane	U	52	1.0	330	330	52
120-83-2	2,4-Dichlorophenol	U	130	1.0	330	330	130
120-82-1	1,2,4-Trichlorobenzene	U	44	1.0	330	330	44
106-47-8	4-Chloroaniline	U	53	1.0	330	330	53
87-68-3	Hexachlorobutadiene	U	44	1.0	330	330	44
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	330	120
77-47-4	Hexachlorocyclopentadiene	U	75	1.0	330	330	75
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	330	120
95-95-4	2,4,5-Trichlorophenol	U	180	1.0	820	820	180
91-58-7	2-Chloronaphthalene	U	48	1.0	330	330	48
88-74-4	2-Nitroaniline	U	75	1.0	820	820	75
131-11-3	Dimethyl Phthalate	U	62	1.0	330	330	62
606-20-2	2,6-Dinitrotoluene	U	77	1.0	330	330	77
99-09-2	3-Nitroaniline	U	71	1.0	820	820	71
51-28-5	2,4-Dinitrophenol	U	62	1.0	820	820	62
132-64-9	Dibenzofuran	U	62	1.0	330	330	62
100-02-7	4-Nitrophenol	U	150	1.0	820	820	150
121-14-2	2,4-Dinitrotoluene	U	97	1.0	330	330	97
84-66-2	Diethylphthalate	U	100	1.0	330	330	100
7005-72-3	4-Chlorophenyl-phenylether	U	50	1.0	330	330	50
100-01-6	4-Nitroaniline	U	69	1.0	820	820	69
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	820	120
86-30-6	N-Nitrosodiphenylamine	U	72	1.0	330	330	72
101-55-3	4-Bromophenyl-phenylether	U	56	1.0	330	330	56
118-74-1	Hexachlorobenzene	U	230	1.0	330	330	230
87-86-5	Pentachlorophenol	U	140	1.0	820	820	140
86-74-8	Carbazole	U	60	1.0	330	330	60
84-74-2	Di-n-butylphthalate	U	84	1.0	330	330	84

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 22-DEC-2005 10:42
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23940-1
Client ID: WG23940-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	68	1.0	330	330	68
91-94-1	3,3'-Dichlorobenzidine	U	130	1.0	330	330	130
117-81-7	bis(2-Ethylhexyl)phthalate	U	74	1.0	330	330	74
117-84-0	Di-n-octylphthalate	U	74	1.0	330	330	74
367-12-4	2-Fluorophenol		75%				
13127-88-3	Phenol-D6		89%				
4165-60-0	Nitrobenzene-D5		79%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		77%				
1718-51-0	Terphenyl-D14		77%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12/22/05
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG23940-2 & WG23940-3
Client ID: WG23940-LCS & WG23940-LCSD
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	3333	3333	NA	2630	2580	79	77	2	50	48-116
Bis(2-Chloroethyl)ether	1667	1667	NA	1320	1290	79	77	2	50	54-114
2-Chlorophenol	3333	3333	NA	2840	2640	85	79	7	50	60-118
1,3-Dichlorobenzene	1667	1667	NA	1080	1040	65	62	4	50	45-110
1,4-Dichlorobenzene	1667	1667	NA	1260	1220	76	73	3	50	44-111
1,2-Dichlorobenzene	1667	1667	NA	1180	1130	71	68	4	50	38-113
2-Methylphenol	3333	3333	NA	2820	2770	85	83	2	50	53-121
2,2'-Oxybis(1-chloropropane)	1667	1667	NA	1430	1390	86	83	3	50	49-122
N-Nitroso-di-n-propylamine	1667	1667	NA	1340	1350	80	81	0.7	50	36-115
4-Methylphenol	3333	3333	NA	2720	2650	82	80	3	50	59-127
Hexachloroethane	1667	1667	NA	1030	981	62	59	5	50	40- 99
Nitrobenzene	1667	1667	NA	1300	1360	78	82	4	50	49-113
Isophorone	1667	1667	NA	1310	1280	79	77	2	50	46-112
2-Nitrophenol	3333	3333	NA	2660	2550	80	76	4	50	57-120
2,4-Dimethylphenol	3333	3333	NA	2750	2670	82	80	3	50	54-113
Bis(2-Chloroethoxy)methane	1667	1667	NA	1360	1330	82	80	2	50	50-117
2,4-Dichlorophenol	3333	3333	NA	2660	2540	80	76	5	50	59-116
1,2,4-Trichlorobenzene	1667	1667	NA	1200	1160	72	70	3	50	53-115
4-Chloroaniline	1667	1667	NA	133	90	8	5	39	50	20-120
Hexachlorobutadiene	1667	1667	NA	1120	1120	67	67	0.0	50	53-114
4-Chloro-3-Methylphenol	3333	3333	NA	2930	2790	88	84	5	50	62-126
Hexachlorocyclopentadiene	1667	1667	NA	1010	1000	61	60	1.0	50	28- 73
2,4,6-Trichlorophenol	3333	3333	NA	2800	2720	84	82	3	50	62-120
2,4,5-Trichlorophenol	3333	3333	NA	2760	2670	83	80	3	50	62-124
2-Chloronaphthalene	1667	1667	NA	1040	966	62	58	7	50	42-160
2-Nitroaniline	1667	1667	NA	1770	1610	106	97	9	50	66-121
Dimethyl Phthalate	1667	1667	NA	1440	1310	86	79	9	50	56-133
2,6-Dinitrotoluene	1667	1667	NA	1280	1190	77	71	7	50	66-127
3-Nitroaniline	1667	1667	NA	739	664	44	40	11	50	57-120
2,4-Dinitrophenol	3333	3333	NA	1420	1250	43	38	13	50	3-118
Dibenzofuran	1667	1667	NA	1720	1580	103	95	8	50	66-119
4-Nitrophenol	3333	3333	NA	3000	2120	90	64	34	50	41-149
2,4-Dinitrotoluene	1667	1667	NA	1300	1250	78	75	4	50	60-125
Diethylphthalate	1667	1667	NA	1260	1200	76	72	5	50	57-135
4-Chlorophenyl-phenylether	1667	1667	NA	1350	1280	81	77	5	50	53-133
4-Nitroaniline	1667	1667	NA	1320	960	79	58	32	50	62-125
4,6-Dinitro-2-Methylphenol	3333	3333	NA	2080	1850	62	56	12	50	46-125
N-Nitrosodiphenylamine	3333	3333	NA	1090	1020	33	31	7	50	70-131
4-Bromophenyl-phenylether	1667	1667	NA	1340	1250	80	75	7	50	67-138
Hexachlorobenzene	1667	1667	NA	1260	1180	76	71	6	50	63-131
Pentachlorophenol	3333	3333	NA	2480	2140	74	64	15	50	54-131
Carbazole	1667	1667	NA	1440	1350	86	81	6	50	78-133
Di-n-butylphthalate	1667	1667	NA	1300	1300	78	78	0.0	50	65-139
Butylbenzylphthalate	1667	1667	NA	1510	1420	91	85	6	50	44-155
3,3'-Dichlorobenzidine	1667	1667	NA	686	583	41	35	16	50	38-137

FORM III SV-2
K0954.D & K0955.D

Sample Data Summary A0000200

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12/22/05
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG23940-2 & WG23940-3
Client ID: WG23940-LCS & WG23940-LCSD
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23940
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	1667	1667	NA	1530	1420	92	85	7	50	45-154
Di-n-octylphthalate	1667	1667	NA	1430	1350	86	81	6	50	53-143

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24538-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: K1274 Lab Sample ID: WG24538-1

Instrument ID: GCMS-K Date Extracted: 01/11/06

Matrix: (soil/water) SOIL Date Analyzed: 01/12/06

Level:(low/med) LOW Time Analyzed: 1807

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PEN46SB2902	WV6482-2RE	K1277	01/12/06	2031
02	PEN46SB3103	WV6482-10RE	K1278	01/12/06	2119
03	WG24538-LCS	WG24538-2	K1279	01/12/06	2208
04	WG24538-LCSD	WG24538-3	K1280	01/12/06	2256
05					
06					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 18:07
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG24538-1
Client ID: WG24538-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	91	1.0	330	330	91
111-44-4	Bis(2-Chloroethyl)ether	U	33	1.0	330	330	33
95-57-8	2-Chlorophenol	U	90	1.0	330	330	90
541-73-1	1,3-Dichlorobenzene	U	53	1.0	330	330	53
106-46-7	1,4-Dichlorobenzene	U	25	1.0	330	330	25
95-50-1	1,2-Dichlorobenzene	U	43	1.0	330	330	43
95-48-7	2-Methylphenol	U	140	1.0	330	330	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	30	1.0	330	330	30
621-64-7	N-Nitroso-di-n-propylamine	U	56	1.0	330	330	56
106-44-5	4-Methylphenol	U	150	1.0	330	330	150
67-72-1	Hexachloroethane	U	61	1.0	330	330	61
98-95-3	Nitrobenzene	U	74	1.0	330	330	74
78-59-1	Isophorone	U	52	1.0	330	330	52
88-75-5	2-Nitrophenol	U	110	1.0	330	330	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	330	120
111-91-1	Bis(2-Chloroethoxy)methane	U	52	1.0	330	330	52
120-83-2	2,4-Dichlorophenol	U	130	1.0	330	330	130
120-82-1	1,2,4-Trichlorobenzene	U	44	1.0	330	330	44
106-47-8	4-Chloroaniline	U	53	1.0	330	330	53
87-68-3	Hexachlorobutadiene	U	44	1.0	330	330	44
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	330	120
77-47-4	Hexachlorocyclopentadiene	U	75	1.0	330	330	75
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	330	120
95-95-4	2,4,5-Trichlorophenol	U	180	1.0	820	820	180
91-58-7	2-Chloronaphthalene	U	48	1.0	330	330	48
88-74-4	2-Nitroaniline	U	75	1.0	820	820	75
131-11-3	Dimethyl Phthalate	U	62	1.0	330	330	62
606-20-2	2,6-Dinitrotoluene	U	77	1.0	330	330	77
99-09-2	3-Nitroaniline	U	71	1.0	820	820	71
51-28-5	2,4-Dinitrophenol	U	62	1.0	820	820	62
132-64-9	Dibenzofuran	U	62	1.0	330	330	62
100-02-7	4-Nitrophenol	U	150	1.0	820	820	150
121-14-2	2,4-Dinitrotoluene	U	97	1.0	330	330	97
84-66-2	Diethylphthalate	U	100	1.0	330	330	100
7005-72-3	4-Chlorophenyl-phenylether	U	50	1.0	330	330	50
100-01-6	4-Nitroaniline	U	69	1.0	820	820	69
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	820	120
86-30-6	N-Nitrosodiphenylamine	U	72	1.0	330	330	72
101-55-3	4-Bromophenyl-phenylether	U	56	1.0	330	330	56
118-74-1	Hexachlorobenzene	U	230	1.0	330	330	230
87-86-5	Pentachlorophenol	U	140	1.0	820	820	140
86-74-8	Carbazole	U	60	1.0	330	330	60
84-74-2	Di-n-butylphthalate	U	84	1.0	330	330	84

Sample Data Summary A0000190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/11/06
Analysis Date: 12-JAN-2006 18:07
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG24538-1
Client ID: WG24538-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	68	1.0	330	330	68
91-94-1	3,3'-Dichlorobenzidine	U	130	1.0	330	330	130
117-81-7	bis(2-Ethylhexyl)phthalate	U	74	1.0	330	330	74
117-84-0	Di-n-octylphthalate	U	74	1.0	330	330	74
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		78%				
4165-60-0	Nitrobenzene-D5		69%				
321-60-8	2-Fluorobiphenyl		84%				
118-79-6	2,4,6-Tribromophenol		80%				
1718-51-0	Terphenyl-D14		89%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/11/06
Analysis Date: 01/12/06
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG24538-2 & WG24538-3
Client ID: WG24538-LCS & WG24538-LCSD
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Phenol	3333	3333	NA	2390	2670	72	80	11	50	48-116
Bis(2-Chloroethyl)ether	1667	1667	NA	1320	1460	79	88	10	50	54-114
2-Chlorophenol	3333	3333	NA	3060	3320	92	100	8	50	60-118
1,3-Dichlorobenzene	1667	1667	NA	1170	1240	70	74	6	50	45-110
1,4-Dichlorobenzene	1667	1667	NA	1180	1280	71	77	8	50	44-111
1,2-Dichlorobenzene	1667	1667	NA	1210	1280	73	77	6	50	38-113
2-Methylphenol	3333	3333	NA	2960	3210	89	96	8	50	53-121
2,2'-Oxybis(1-chloropropane)	1667	1667	NA	1260	1320	76	79	5	50	49-122
N-Nitroso-di-n-propylamine	1667	1667	NA	1240	1310	74	79	5	50	36-115
4-Methylphenol	3333	3333	NA	2960	3210	89	96	8	50	59-127
Hexachloroethane	1667	1667	NA	1210	1260	73	76	4	50	40- 99
Nitrobenzene	1667	1667	NA	1230	1280	74	77	4	50	49-113
Isophorone	1667	1667	NA	1280	1310	77	79	2	50	46-112
2-Nitrophenol	3333	3333	NA	2680	2770	80	83	3	50	57-120
2,4-Dimethylphenol	3333	3333	NA	2660	2770	80	83	4	50	54-113
Bis(2-Chloroethoxy)methane	1667	1667	NA	1290	1350	77	81	4	50	50-117
2,4-Dichlorophenol	3333	3333	NA	2970	2980	89	89	0.3	50	59-116
1,2,4-Trichlorobenzene	1667	1667	NA	1270	1340	76	80	5	50	53-115
4-Chloroaniline			NA						50	20-120
Hexachlorobutadiene	1667	1667	NA	1280	1380	77	83	8	50	53-114
4-Chloro-3-Methylphenol	3333	3333	NA	3000	3090	90	93	3	50	62-126
Hexachlorocyclopentadiene	1667	1667	NA	1300	1480	78	89	13	50	28- 73
2,4,6-Trichlorophenol	3333	3333	NA	2640	2670	79	80	1	50	62-120
2,4,5-Trichlorophenol	3333	3333	NA	2680	2770	80	83	3	50	62-124
2-Chloronaphthalene	1667	1667	NA	954	996	57	60	4	50	42-160
2-Nitroaniline	1667	1667	NA	1440	1500	86	90	4	50	66-121
Dimethyl Phthalate	1667	1667	NA	1420	1460	85	88	3	50	56-133
2,6-Dinitrotoluene	1667	1667	NA	1310	1310	79	79	0.0	50	66-127
3-Nitroaniline	1667	1667	NA	557	549	33	33	1	50	57-120
2,4-Dinitrophenol	3333	3333	NA	2140	2230	64	67	4	50	3-118
Dibenzofuran	1667	1667	NA	1450	1470	87	88	1	50	66-119
4-Nitrophenol	3333	3333	NA	1880	1960	56	59	4	50	41-149
2,4-Dinitrotoluene	1667	1667	NA	1320	1390	79	83	5	50	60-125
Diethylphthalate	1667	1667	NA	1380	1410	83	85	2	50	57-135
4-Chlorophenyl-phenylether	1667	1667	NA	1360	1370	82	82	0.7	50	53-133
4-Nitroaniline	1667	1667	NA	1080	1110	65	67	3	50	62-125
4,6-Dinitro-2-Methylphenol	3333	3333	NA	2720	2780	82	83	2	50	46-125
N-Nitrosodiphenylamine	3333	3333	NA	1160	1130	35	34	3	50	70-131
4-Bromophenyl-phenylether	1667	1667	NA	1600	1570	96	94	2	50	67-138
Hexachlorobenzene	1667	1667	NA	1500	1500	90	90	0.0	50	63-131
Pentachlorophenol	3333	3333	NA	3050	3180	92	95	4	50	54-131
Carbazole	1667	1667	NA	1510	1500	91	90	0.7	50	78-133
Di-n-butylphthalate	1667	1667	NA	1450	1440	87	86	0.7	50	65-139
Butylbenzylphthalate	1667	1667	NA	1570	1510	94	91	4	50	44-155
3,3'-Dichlorobenzidine		1667	NA		337		20		50	38-137

Sample Data Summary A0000202

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/11/06
Analysis Date: 01/12/06
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG24538-2 & WG24538-3
Client ID: WG24538-LCS & WG24538-LCSD
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24538
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	1667	1667	NA	1670	1560	100	94	7	50	45-154
Di-n-octylphthalate	1667	1667	NA	2180	2000	131	120	9	50	53-143

FORM 4

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG24565-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: K1275 Lab Sample ID: WG24565-1

Instrument ID: GCMS-K Date Extracted: 01/12/06

Matrix: (soil/water) SOIL Date Analyzed: 01/12/06

Level:(low/med) LOW Time Analyzed: 1854

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	PEN46SB2901	WV6482-1RE	K1276	01/12/06	1944
02	WG24565-LCS	WG24565-2	K1281	01/12/06	2344
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
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24					
25					
26					
27					
28					
29					
30					

COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/12/06
Analysis Date: 12-JAN-2006 18:54
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG24565-1
Client ID: WG24565-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	91	1.0	330	330	91
111-44-4	Bis(2-Chloroethyl)ether	U	33	1.0	330	330	33
95-57-8	2-Chlorophenol	U	90	1.0	330	330	90
541-73-1	1,3-Dichlorobenzene	U	53	1.0	330	330	53
106-46-7	1,4-Dichlorobenzene	U	25	1.0	330	330	25
95-50-1	1,2-Dichlorobenzene	U	43	1.0	330	330	43
95-48-7	2-Methylphenol	U	140	1.0	330	330	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	30	1.0	330	330	30
621-64-7	N-Nitroso-di-n-propylamine	U	56	1.0	330	330	56
106-44-5	4-Methylphenol	U	150	1.0	330	330	150
67-72-1	Hexachloroethane	U	61	1.0	330	330	61
98-95-3	Nitrobenzene	U	74	1.0	330	330	74
78-59-1	Isophorone	U	52	1.0	330	330	52
88-75-5	2-Nitrophenol	U	110	1.0	330	330	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	330	120
111-91-1	Bis(2-Chloroethoxy)methane	U	52	1.0	330	330	52
120-83-2	2,4-Dichlorophenol	U	130	1.0	330	330	130
120-82-1	1,2,4-Trichlorobenzene	U	44	1.0	330	330	44
106-47-8	4-Chloroaniline	U	53	1.0	330	330	53
87-68-3	Hexachlorobutadiene	U	44	1.0	330	330	44
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	330	120
77-47-4	Hexachlorocyclopentadiene	U	75	1.0	330	330	75
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	330	120
95-95-4	2,4,5-Trichlorophenol	U	180	1.0	820	820	180
91-58-7	2-Chloronaphthalene	U	48	1.0	330	330	48
88-74-4	2-Nitroaniline	U	75	1.0	820	820	75
131-11-3	Dimethyl Phthalate	U	62	1.0	330	330	62
606-20-2	2,6-Dinitrotoluene	U	77	1.0	330	330	77
99-09-2	3-Nitroaniline	U	71	1.0	820	820	71
51-28-5	2,4-Dinitrophenol	U	62	1.0	820	820	62
132-64-9	Dibenzofuran	U	62	1.0	330	330	62
100-02-7	4-Nitrophenol	U	150	1.0	820	820	150
121-14-2	2,4-Dinitrotoluene	U	97	1.0	330	330	97
84-66-2	Diethylphthalate	U	100	1.0	330	330	100
7005-72-3	4-Chlorophenyl-phenylether	U	50	1.0	330	330	50
100-01-6	4-Nitroaniline	U	69	1.0	820	820	69
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	820	120
86-30-6	N-Nitrosodiphenylamine	U	72	1.0	330	330	72
101-55-3	4-Bromophenyl-phenylether	U	56	1.0	330	330	56
118-74-1	Hexachlorobenzene	U	230	1.0	330	330	230
87-86-5	Pentachlorophenol	U	140	1.0	820	820	140
86-74-8	Carbazole	U	60	1.0	330	330	60
84-74-2	Di-n-butylphthalate	U	84	1.0	330	330	84

Sample Data Summary A0000192

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/12/06
Analysis Date: 12-JAN-2006 18:54
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG24565-1
Client ID: WG24565-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	68	1.0	330	330	68
91-94-1	3,3'-Dichlorobenzidine	U	130	1.0	330	330	130
117-81-7	bis(2-Ethylhexyl)phthalate	U	74	1.0	330	330	74
117-84-0	Di-n-octylphthalate	U	74	1.0	330	330	74
367-12-4	2-Fluorophenol		71%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		76%				
118-79-6	2,4,6-Tribromophenol		75%				
1718-51-0	Terphenyl-D14		89%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/12/06
Analysis Date: 01/12/06
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG24565-2
Client ID: WG24565-LCS
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Phenol	3333	NA	2280		68	48-116
Bis(2-Chloroethyl)ether	1667	NA	2810	*	169	54-114
2-Chlorophenol	3333	NA	2620		79	60-118
1,3-Dichlorobenzene	1667	NA	880		53	45-110
1,4-Dichlorobenzene	1667	NA	882		53	44-111
1,2-Dichlorobenzene	1667	NA	862		52	38-113
2-Methylphenol	3333	NA	3000		90	53-121
2,2'-Oxybis(1-chloropropane)	1667	NA	1040		62	49-122
N-Nitroso-di-n-propylamine	1667	NA	1120		67	36-115
4-Methylphenol	3333	NA	3000		90	59-127
Hexachloroethane	1667	NA	844		51	40- 99
Nitrobenzene	1667	NA	1080		65	49-113
Isophorone	1667	NA	1180		71	46-112
2-Nitrophenol	3333	NA	2230		67	57-120
2,4-Dimethylphenol	3333	NA	2560		77	54-113
Bis(2-Chloroethoxy)methane	1667	NA	1150		69	50-117
2,4-Dichlorophenol	3333	NA	2750		82	59-116
1,2,4-Trichlorobenzene	1667	NA	1000		60	53-115
4-Chloroaniline		NA				20-120
Hexachlorobutadiene	1667	NA	1020		61	53-114
4-Chloro-3-Methylphenol	3333	NA	2970		89	62-126
Hexachlorocyclopentadiene	1667	NA	1170		70	28- 73
2,4,6-Trichlorophenol	3333	NA	2680		80	62-120
2,4,5-Trichlorophenol	3333	NA	2760		83	62-124
2-Chloronaphthalene	1667	NA	935		56	42-160
2-Nitroaniline	1667	NA	1500		90	66-121
Dimethyl Phthalate	1667	NA	1500		90	56-133
2,6-Dinitrotoluene	1667	NA	1350		81	66-127
3-Nitroaniline	1667	NA	527	*	32	57-120
2,4-Dinitrophenol	3333	NA	1810		54	3-118
Dibenzofuran	1667	NA	1480		89	66-119
4-Nitrophenol	3333	NA	2090		63	41-149
2,4-Dinitrotoluene	1667	NA	1430		86	60-125
Diethylphthalate	1667	NA	1460		88	57-135
4-Chlorophenyl-phenylether	1667	NA	1420		85	53-133
4-Nitroaniline	1667	NA	1250		75	62-125
4,6-Dinitro-2-Methylphenol	3333	NA	2740		82	46-125
N-Nitrosodiphenylamine	3333	NA	1200	*	36	70-131
4-Bromophenyl-phenylether	1667	NA	1660		100	67-138
Hexachlorobenzene	1667	NA	1590		95	63-131
Pentachlorophenol	3333	NA	3320		100	54-131
Carbazole	1667	NA	1640		98	78-133
Di-n-butylphthalate	1667	NA	1560		94	65-139
Butylbenzylphthalate	1667	NA	1640		98	44-155
3,3'-Dichlorobenzidine	1667	NA	623	*	37	38-137

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 01/12/06
Analysis Date: 01/12/06
Report Date: 01/13/2006
Matrix: SOIL

Lab ID: WG24565-2
Client ID: WG24565-LCS
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24565
Units: ug/Kg

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
bis(2-Ethylhexyl)phthalate	1667	NA	1720	103	45-154
Di-n-octylphthalate	1667	NA	1940	116	53-143

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD684 DFTPP Injection Date: 12/06/05

Instrument ID: GCMS-K DFTPP Injection Time: 0927

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	51.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	44.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	23.5
365	1.0 - 100.0% of mass 198	2.1
441	0.0 - 100.0% of mass 443	7.3 (84.8)2
442	40.0 - 100.0% of mass 198	45.8
443	17.0 - 23.0% of mass 442	8.7 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1206	K0728	12/06/05	1037
02		SSTD150K1206	K0729	12/06/05	1126
03		SSTD125K1206	K0730	12/06/05	1215
04		SSTD100K1206	K0731	12/06/05	1303
05		SSTD025K1206	K0732	12/06/05	1352
06		SSTD010K1206	K0733	12/06/05	1442
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 12/06/05 12/06/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1037 1442

LAB FILE ID: RF10: K0733 RF25: K0732 RF50: K0728
RF100: K0731 RF125: K0730 RF150: K0729

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	A0	A1	A2	OR R^2	OR R^2	
Phenol	124520	304330	501710	925980	1167200	1388800	2ORDR	3.635e-003	0.58006201	0.10623884	0.99804	0.99000	
Bis(2-Chloroethyl)ether	104140	238840	369160	637080	815830	907720	2ORDR	2.823e-002	0.52479631	0.37480586	0.99897	0.99000	
2-Chlorophenol	100210	234690	393810	747030	906620	1053100	2ORDR	3.488e-002	0.61469905	0.22406375	0.99486	0.99000	
1,3-Dichlorobenzene	1.345	1.369	1.240	1.068	0.990	0.986	AVRG		1.16634378		14.928	15.000	
1,4-Dichlorobenzene	109790	275980	455030	835170	1063500	1295900	LINR	-0.1597832	1.06736290		0.99084	0.99000	
1,2-Dichlorobenzene	94649	254180	424760	750260	954560	1158200	2ORDR	-4.77e-003	0.73603565	0.14499404	0.99719	0.99000	
2-Methylphenol	0.933	1.005	0.952	0.938	0.813	0.806	AVRG		0.90799010		8.853	15.000	
2,2'-Oxybis(1-chloropropa	2.301	2.227	2.034	1.890	1.687	1.629	AVRG		1.96128959		14.089	15.000	
N-Nitroso-di-n-propylamin	0.839	0.824	0.701	0.639	0.523	0.500	AVRG		0.67093213		21.546	15.000	<
4-Methylphenol	0.968	0.959	0.946	0.909	0.792	0.807	AVRG		0.89681209		8.731	15.000	
Hexachloroethane	43628	109040	173850	299150	383820	409110	2ORDR	5.974e-002	0.89878828	1.95665701	0.99429	0.99000	
Nitrobenzene	0.324	0.317	0.308	0.281	0.275	0.260	AVRG		0.29427442		8.741	15.000	
Isophorone	0.622	0.588	0.548	0.553	0.526	0.510	AVRG		0.55794784		7.410	15.000	
2-Nitrophenol	0.203	0.208	0.205	0.204	0.199	0.188	AVRG		0.20120104		3.500	15.000	
2,4-Dimethylphenol	0.358	0.356	0.345	0.309	0.287	0.281	AVRG		0.32279948		10.728	15.000	
Bis(2-Chloroethoxy)methan	0.404	0.405	0.355	0.319	0.303	0.284	AVRG		0.34519496		14.900	15.000	
2,4-Dichlorophenol	0.294	0.285	0.285	0.279	0.256	0.251	AVRG		0.27492721		6.365	15.000	
1,2,4-Trichlorobenzene	0.349	0.344	0.305	0.284	0.269	0.258	AVRG		0.30140236		12.731	15.000	
4-Chloroaniline	0.384	0.354	0.340	0.300	0.276	0.265	AVRG		0.31978377		14.724	15.000	
Hexachlorobutadiene	0.211	0.207	0.193	0.184	0.180	0.174	AVRG		0.19150394		7.866	15.000	
4-Chloro-3-Methylphenol	0.295	0.275	0.282	0.240	0.228	0.228	AVRG		0.25793708		11.558	15.000	
Hexachlorocyclopentadiene	0.069	0.131	0.237	0.147	0.142	0.291	AVRG		0.16946730		47.368	15.000	<
2,4,6-Trichlorophenol	0.371	0.368	0.341	0.338	0.354	0.332	AVRG		0.35095275		4.636	15.000	
2,4,5-Trichlorophenol	0.365	0.382	0.383	0.365	0.385	0.371	AVRG		0.37517520		2.459	15.000	
2-Chloronaphthalene	59862	142390	237490	455490	478550	591480	LINR	-0.1346811	3.57815733		0.99341	0.99000	
2-Nitroaniline	0.310	0.306	0.293	0.280	0.286	0.293	AVRG		0.29486977		3.900	15.000	
Dimethyl Phthalate	1.282	1.207	1.166	1.103	1.124	1.081	AVRG		1.16048469		6.423	15.000	
2,6-Dinitrotoluene	0.311	0.293	0.273	0.253	0.244	0.249	AVRG		0.27065427		9.967	15.000	
3-Nitroaniline	0.278	0.288	0.265	0.269	0.252	0.242	AVRG		0.26555837		6.356	15.000	
2,4-Dinitrophenol	5801	49009	121900	275030	321820	365380	LINR	0.11795603	5.27546920		0.99305	0.99000	
Dibenzofuran	207150	547290	885070	1611600	1779300	2080500	LINR	-0.1585791	1.00230008		0.99196	0.99000	
4-Nitrophenol	10009	39068	83993	166120	181480	215880	LINR	-9.86e-004	9.31936051		0.99449	0.99000	
2,4-Dinitrotoluene	0.360	0.410	0.381	0.382	0.356	0.342	AVRG		0.37188349		6.603	15.000	
Diethylphthalate	1.292	1.231	1.119	1.006	0.981	0.912	AVRG		1.09030284		13.745	15.000	
4-Chlorophenyl-phenylethe	0.644	0.598	0.553	0.504	0.468	0.449	AVRG		0.53597513		14.192	15.000	
4-Nitroaniline	0.276	0.280	0.259	0.248	0.244	0.243	AVRG		0.25836008		6.378	15.000	
4,6-Dinitro-2-Methylpheno	0.105	0.154	0.159	0.168	0.165	0.154	AVRG		0.15070321		15.306	15.000	<
N-Nitrosodiphenylamine	0.632	0.583	0.557	0.500	0.458	0.433	AVRG		0.52736471		14.526	15.000	
4-Bromophenyl-phenylether	0.242	0.236	0.217	0.211	0.204	0.186	AVRG		0.21587073		9.505	15.000	
Hexachlorobenzene	0.281	0.262	0.227	0.228	0.219	0.216	AVRG		0.23888127		11.008	15.000	
Pentachlorophenol	11448	50899	115860	248610	304040	372510	LINR	0.11469448	8.42113613		0.99829	0.99000	
Carbazole	0.912	0.894	0.792	0.756	0.719	0.702	AVRG		0.79581886		11.178	15.000	
Di-n-butylphthalate	1.310	1.242	1.156	0.959	0.994	0.931	AVRG		1.09869144		14.510	15.000	
Butylbenzylphthalate	0.534	0.554	0.491	0.536	0.546	0.515	AVRG		0.52924785		4.358	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 12/06/05 12/06/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1037 1442

LAB FILE ID: RF10: K0733 RF25: K0732 RF50: K0728
RF100: K0731 RF125: K0730 RF150: K0729

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	A0	A1	A2	OR R^2	OR R^2
3,3'-Dichlorobenzidine	0.336	0.354	0.305	0.282	0.267	0.275	AVRG		0.30303060		11.592	15.000
bis(2-Ethylhexyl)phthalat	0.722	0.702	0.654	0.685	0.711	0.642	AVRG		0.68604468		4.652	15.000
Di-n-octylphthalate	1.526	1.572	1.563	1.767	1.835	1.584	AVRG		1.64127837		7.746	15.000
2-Fluorophenol	1.025	1.048	1.054	0.967	0.854	0.887	AVRG		0.97229055		8.799	15.000
Phenol-D6	1.234	1.207	1.198	1.021	0.856	0.943	AVRG		1.07667217		14.756	15.000
Nitrobenzene-D5	0.342	0.322	0.310	0.313	0.308	0.294	AVRG		0.31477876		5.108	15.000
2-Fluorobiphenyl	183200	446520	740740	1335500	1601400	1857200	LINR	-0.1178046	1.12874761		0.99638	0.99000
2,4,6-Tribromophenol	0.140	0.162	0.161	0.157	0.156	0.145	AVRG		0.15350684		5.785	15.000
Terphenyl-D14	0.785	0.791	0.719	0.749	0.804	0.727	AVRG		0.76248426		4.677	15.000

Average %RSD test result.

Calculate Average %RSD: 13.54478550
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD691 DFTPP Injection Date: 12/14/05

Instrument ID: GCMS-K DFTPP Injection Time: 1119

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	51.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	54.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.8
275	10.0 - 30.0% of mass 198	21.9
365	1.0 - 100.0% of mass 198	3.4
441	0.0 - 100.0% of mass 443	9.7 (89.1)2
442	40.0 - 100.0% of mass 198	48.4
443	17.0 - 23.0% of mass 442	10.9 (22.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1214	K0848	12/14/05	1141
02	WG23602-BLANK	WG23602-1	K0859	12/14/05	2036
03	WG23602-LCS	WG23602-2	K0860	12/14/05	2125
04	WG23602-LCSD	WG23602-3	K0861	12/14/05	2214
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/14/05 Time: 1141

Lab File ID: K0848 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1037 1442

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	46.071000	50.000000	1.2345000	0.01	-7.86	20.00	2RDR
Bis(2-Chloroethyl)ether	44.916000	50.000000	0.9173900	0.01	-10.17	100.00	2RDR
2-Chlorophenol	46.729000	50.000000	1.0101000	0.01	-6.54	100.00	2RDR
1,3-Dichlorobenzene	1.1660000	1.2128000	1.2128000	0.01	4.01	100.00	AVRG
1,4-Dichlorobenzene	57.607000	50.000000	1.1992000	0.01	15.21	20.00	LINR
1,2-Dichlorobenzene	50.053000	50.000000	1.0787000	0.01	0.11	100.00	2RDR
2-Methylphenol	0.9080000	0.8738900	0.8738900	0.01	-3.76	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	1.9610000	1.5138000	1.5138000	0.01	-22.80	100.00	AVRG
N-Nitroso-di-n-propylamine	0.6710000	0.6713500	0.6713500	0.05	0.05	100.00	AVRG
4-Methylphenol	0.8970000	0.9310500	0.9310500	0.01	3.80	100.00	AVRG
Hexachloroethane	52.926000	50.000000	0.4848400	0.01	5.85	100.00	2RDR
Nitrobenzene	0.2940000	0.2802300	0.2802300	0.01	-4.68	100.00	AVRG
Isophorone	0.5580000	0.5055700	0.5055700	0.01	-9.40	100.00	AVRG
2-Nitrophenol	0.2010000	0.1990900	0.1990900	0.01	-0.95	20.00	AVRG
2,4-Dimethylphenol	0.3230000	0.3057100	0.3057100	0.01	-5.35	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3450000	0.3119000	0.3119000	0.01	-9.59	100.00	AVRG
2,4-Dichlorophenol	0.2750000	0.2732300	0.2732300	0.01	-0.64	20.00	AVRG
1,2,4-Trichlorobenzene	0.3020000	0.3019900	0.3019900	0.01	-0.00	100.00	AVRG
4-Chloroaniline	0.3200000	0.3439000	0.3439000	0.01	7.47	100.00	AVRG
Hexachlorobutadiene	0.1920000	0.1929100	0.1929100	0.01	0.47	20.00	AVRG
4-Chloro-3-Methylphenol	0.2580000	0.2495000	0.2495000	0.01	-3.29	20.00	AVRG
Hexachlorocyclopentadiene	0.1700000	0.1782000	0.1782000	0.05	4.82	100.00	AVRG
2,4,6-Trichlorophenol	0.3510000	0.3209100	0.3209100	0.01	-8.57	20.00	AVRG
2,4,5-Trichlorophenol	0.3750000	0.3146300	0.3146300	0.01	-16.10	100.00	AVRG
2-Chloronaphthalene	52.341000	50.000000	0.3226700	0.01	4.68	100.00	LINR
2-Nitroaniline	0.2950000	0.2154400	0.2154400	0.01	-26.97	100.00	AVRG
Dimethyl Phthalate	1.1600000	1.0628000	1.0628000	0.01	-8.38	100.00	AVRG
2,6-Dinitrotoluene	0.2700000	0.2622200	0.2622200	0.01	-2.88	100.00	AVRG
3-Nitroaniline	0.2660000	0.2471500	0.2471500	0.01	-7.09	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/14/05 Time: 1141

Lab File ID: K0848 Init. Calib. Date(s): 12/06/05 12/06/05

Init. Calib. Times: 1037 1442

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	44.317000	50.000000	0.1501200	0.05	-11.37	100.00	LINR	
Dibenzofuran	53.767000	50.000000	1.1994000	0.01	7.53	100.00	LINR	
4-Nitrophenol	49.398000	50.000000	0.1061000	0.05	-1.20	100.00	LINR	
2,4-Dinitrotoluene	0.3720000	0.3613400	0.3613400	0.01	-2.86	100.00	AVRG	
Diethylphthalate	1.0900000	1.0430000	1.0430000	0.01	-4.31	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5360000	0.5364900	0.5364900	0.01	0.09	100.00	AVRG	
4-Nitroaniline	0.2580000	0.2387600	0.2387600	0.01	-7.46	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	0.1510000	0.1456300	0.1456300	0.01	-3.56	100.00	AVRG	
N-Nitrosodiphenylamine	0.5270000	0.5268500	0.5268500	0.01	-0.03	20.00	AVRG	
4-Bromophenyl-phenylether	0.2160000	0.2300400	0.2300400	0.01	6.50	100.00	AVRG	
Hexachlorobenzene	0.2390000	0.2679200	0.2679200	0.01	12.10	100.00	AVRG	
Pentachlorophenol	43.879000	50.000000	9.33e-002	0.01	-12.24	20.00	LINR	
Carbazole	0.7960000	0.7916600	0.7916600	0.01	-0.54	100.00	AVRG	
Di-n-butylphthalate	1.0990000	1.0812000	1.0812000	0.01	-1.62	100.00	AVRG	
Butylbenzylphthalate	0.5290000	0.4227500	0.4227500	0.01	-20.08	100.00	AVRG	
3,3'-Dichlorobenzidine	0.3030000	0.2982300	0.2982300	0.01	-1.57	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6860000	0.5594800	0.5594800	0.01	-18.44	100.00	AVRG	
Di-n-octylphthalate	1.6410000	1.3120000	1.3120000	0.01	-20.05	20.00	AVRG	<-
2-Fluorophenol	0.9720000	0.9853200	0.9853200	0.01	1.37	100.00	AVRG	
Phenol-D6	1.0760000	1.1110000	1.1110000	0.01	3.25	100.00	AVRG	
Nitrobenzene-D5	0.3150000	0.2746900	0.2746900	0.01	-12.80	100.00	AVRG	
2-Fluorobiphenyl	50.448000	50.000000	0.9773700	0.01	0.90	100.00	LINR	
2,4,6-Tribromophenol	0.1540000	0.1999900	0.1999900	0.01	29.86	100.00	AVRG	
Terphenyl-D14	0.7620000	0.7684600	0.7684600	0.01	0.85	100.00	AVRG	

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD695 DFTPP Injection Date: 12/19/05

Instrument ID: GCMS-K DFTPP Injection Time: 0843

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	41.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	40.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	24.0
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	8.4 (89.2)2
442	40.0 - 100.0% of mass 198	48.4
443	17.0 - 23.0% of mass 442	9.5 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1219	K0894	12/19/05	0905
02		SSTD010K1219	K0895	12/19/05	0954
03		SSTD025K1219	K0896	12/19/05	1042
04		SSTD100K1219	K0897	12/19/05	1129
05		SSTD125K1219	K0898	12/19/05	1218
06		SSTD150K1219	K0899	12/19/05	1307
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FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 12/19/05 12/19/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0905 1307

LAB FILE ID: RF10: K0895 RF25: K0896 RF50: K0894
RF100: K0897 RF125: K0898 RF150: K0899

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Phenol	177540	307310	780400	1112200	1372200	1554600	2ORDR	3.11e-002	0.42025059	9.548e-002	0.99862	0.99000
Bis(2-Chloroethyl)ether	134760	238920	546300	718030	881830	1025500	2ORDR	-2.88e-003	0.58010434	0.25349858	0.99843	0.99000
2-Chlorophenol	138380	239400	563670	824510	1024600	1181000	2ORDR	1.254e-003	0.65056160	0.14184158	0.99906	0.99000
1,3-Dichlorobenzene	151060	270100	656130	969660	1220300	1372000	2ORDR	2.213e-002	0.53380013	0.10724699	0.99899	0.99000
1,4-Dichlorobenzene	146970	260880	641240	909030	1176700	1327700	LINR	-0.1717979	0.99411067		0.99053	0.99000
1,2-Dichlorobenzene	141670	240540	588520	846520	1046500	1184100	2ORDR	2.193e-002	0.56167449	0.16230469	0.99875	0.99000
2-Methylphenol	1.171	0.981	1.046	0.961	0.877	0.850	AVRG		0.98104744		11.965	15.000
2,2'-Oxybis(1-chloropropa	2.619	2.407	2.164	2.137	1.970	1.896	AVRG		2.19892944		12.346	15.000
N-Nitroso-di-n-propylamin	0.956	0.849	0.741	0.722	0.700	0.694	AVRG		0.77709178		13.406	15.000
4-Methylphenol	1.188	1.086	1.131	1.061	1.029	0.990	AVRG		1.08084010		6.595	15.000
Hexachloroethane	56777	95738	235060	319550	386310	425920	2ORDR	5.156e-002	0.98245911	1.67689310	0.99672	0.99000
Nitrobenzene	0.386	0.335	0.338	0.306	0.292	0.308	AVRG		0.32775991		10.308	15.000
Isophorone	0.730	0.655	0.650	0.608	0.590	0.595	AVRG		0.63798684		8.291	15.000
2-Nitrophenol	0.226	0.217	0.238	0.223	0.204	0.213	AVRG		0.22033610		5.251	15.000
2,4-Dimethylphenol	0.381	0.353	0.373	0.329	0.303	0.292	AVRG		0.33842024		10.781	15.000
Bis(2-Chloroethoxy)methan	0.481	0.460	0.417	0.375	0.353	0.351	AVRG		0.40609812		13.718	15.000
2,4-Dichlorophenol	0.328	0.294	0.314	0.289	0.263	0.272	AVRG		0.29344333		8.326	15.000
1,2,4-Trichlorobenzene	119630	208360	521940	750990	956450	1071200	LINR	-0.1451938	3.69290810		0.99392	0.99000
4-Chloroaniline	147200	247990	588180	884030	1102100	1233600	LINR	-0.1563681	3.20625221		0.99405	0.99000
Hexachlorobutadiene	0.234	0.215	0.204	0.183	0.174	0.175	AVRG		0.19760994		12.420	15.000
4-Chloro-3-Methylphenol	0.328	0.294	0.305	0.286	0.265	0.259	AVRG		0.28951229		8.848	15.000
Hexachlorocyclopentadiene	19854	42596	211230	329180	419500	476600	2ORDR	0.13868264	3.47222626	1.49253177	0.99285	0.99000
2,4,6-Trichlorophenol	0.427	0.381	0.404	0.372	0.376	0.355	AVRG		0.38591895		6.594	15.000
2,4,5-Trichlorophenol	0.432	0.396	0.419	0.404	0.387	0.364	AVRG		0.40013642		5.985	15.000
2-Chloronaphthalene	87745	150020	317980	515780	639540	682860	2ORDR	-1.93e-002	2.12886148	1.02200530	0.99096	0.99000
2-Nitroaniline	0.335	0.327	0.335	0.327	0.347	0.318	AVRG		0.33141432		3.008	15.000
Dimethyl Phthalate	1.389	1.265	1.208	1.086	1.020	0.989	AVRG		1.15942459		13.364	15.000
2,6-Dinitrotoluene	0.358	0.323	0.315	0.295	0.285	0.279	AVRG		0.30930588		9.534	15.000
3-Nitroaniline	0.321	0.309	0.308	0.270	0.263	0.259	AVRG		0.28837049		9.532	15.000
2,4-Dinitrophenol	12079	40923	161050	293710	364350	457340	LINR	0.12375982	4.96598700		0.99760	0.99000
Dibenzofuran	268310	504080	1174400	1816600	2123500	2517000	LINR	-0.1642505	0.93322668		0.99249	0.99000
4-Nitrophenol	0.073	0.080	0.098	0.098	0.092	0.088	AVRG		8.831e-002		11.254	15.000
2,4-Dinitrotoluene	0.409	0.400	0.440	0.416	0.401	0.391	AVRG		0.40959240		4.155	15.000
Diethylphthalate	208730	389710	949100	1434000	1654000	1914000	2ORDR	2.388e-002	0.63933114	0.18433955	0.99954	0.99000
4-Chlorophenyl-phenylethe	0.724	0.656	0.591	0.547	0.509	0.493	AVRG		0.58654373		15.212	15.000
4-Nitroaniline	0.317	0.292	0.300	0.295	0.302	0.311	AVRG		0.30281617		3.139	15.000
4,6-Dinitro-2-Methylpheno	30188	70579	234180	386540	493290	620910	LINR	8.952e-002	5.00158898		0.99855	0.99000
N-Nitrosodiphenylamine	0.747	0.654	0.652	0.644	0.567	0.526	AVRG		0.63179970		12.202	15.000
4-Bromophenyl-phenylether	0.330	0.276	0.266	0.254	0.248	0.228	AVRG		0.26706822		13.051	15.000
Hexachlorobenzene	0.388	0.336	0.322	0.328	0.318	0.315	AVRG		0.33450980		8.145	15.000
Pentachlorophenol	7354	42563	171660	285650	407850	550720	2ORDR	0.12392722	7.65021675	-3.2067512	0.99672	0.99000
Carbazole	1.100	0.961	0.932	0.909	0.919	0.857	AVRG		0.94632807		8.727	15.000
Di-n-butylphthalate	1.493	1.334	1.293	1.229	1.202	1.113	AVRG		1.27729478		10.203	15.000
Butylbenzylphthalate	0.544	0.585	0.565	0.557	0.538	0.506	AVRG		0.54943137		4.860	15.000

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 12/19/05 12/19/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0905 1307

LAB FILE ID: RF10: K0895 RF25: K0896 RF50: K0894
RF100: K0897 RF125: K0898 RF150: K0899

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
3,3'-Dichlorobenzidine	0.367	0.340	0.323	0.290	0.284	0.283	AVRG		0.31450194		11.064	15.000	
bis(2-Ethylhexyl)phthalat	0.733	0.698	0.756	0.721	0.679	0.653	AVRG		0.70679844		5.288	15.000	
Di-n-octylphthalate	1.550	1.633	2.217	2.009	1.675	1.608	AVRG		1.78201055		15.025	15.000	<
2-Fluorophenol	1.224	1.188	1.276	1.159	1.060	1.051	AVRG		1.15955254		7.746	15.000	
Phenol-D6	1.475	1.314	1.402	1.328	1.218	1.160	AVRG		1.31611649		8.783	15.000	
Nitrobenzene-D5	0.376	0.336	0.353	0.323	0.308	0.317	AVRG		0.33556973		7.460	15.000	
2-Fluorobiphenyl	239030	411970	958620	1474500	1816700	2015800	2ORDR	-6.91e-003	0.71779807	0.12698605	0.99671	0.99000	
2,4,6-Tribromophenol	0.226	0.219	0.226	0.254	0.248	0.253	AVRG		0.23775441		6.594	15.000	
Terphenyl-D14	0.895	0.970	0.942	0.888	0.875	0.800	AVRG		0.89507231		6.603	15.000	

Average %RSD test result.

Calculate Average %RSD: 12.48037148
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD698 DFTPP Injection Date: 12/21/05

Instrument ID: GCMS-K DFTPP Injection Time: 0913

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	46.7
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	40.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.5
275	10.0 - 30.0% of mass 198	24.7
365	1.0 - 100.0% of mass 198	3.2
441	0.0 - 100.0% of mass 443	5.1 (31.9)2
442	40.0 - 100.0% of mass 198	76.6
443	17.0 - 23.0% of mass 442	16.0 (20.9)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1221	K0930	12/21/05	0934
02	WG23807-LCS	WG23807-2	K0942	12/21/05	1922
03	WG23807-LCSD	WG23807-3	K0943	12/21/05	2010
04	WG23807-BLANK	WG23807-1	K0944	12/21/05	2100
05					
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/21/05 Time: 0934

Lab File ID: K0930 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	48.614000	50.000000	1.5617000	0.01	-2.77	20.00	2RDR
Bis(2-Chloroethyl)ether	61.528000	50.000000	1.2592000	0.01	23.06	100.00	2RDR
2-Chlorophenol	48.651000	50.000000	1.1400000	0.01	-2.70	100.00	2RDR
1,3-Dichlorobenzene	48.306000	50.000000	1.3315000	0.01	-3.39	100.00	2RDR
1,4-Dichlorobenzene	58.737000	50.000000	1.3199000	0.01	17.47	20.00	LINR
1,2-Dichlorobenzene	47.859000	50.000000	1.1746000	0.01	-4.28	100.00	2RDR
2-Methylphenol	0.9810000	0.9990900	0.9990900	0.01	1.84	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	2.1990000	2.3416000	2.3416000	0.01	6.48	100.00	AVRG
N-Nitroso-di-n-propylamine	0.7770000	0.7879200	0.7879200	0.05	1.40	100.00	AVRG
4-Methylphenol	1.0810000	1.0413000	1.0413000	0.01	-3.67	100.00	AVRG
Hexachloroethane	52.224000	50.000000	0.4960800	0.01	4.45	100.00	2RDR
Nitrobenzene	0.3280000	0.3401600	0.3401600	0.01	3.71	100.00	AVRG
Isophorone	0.6380000	0.6281500	0.6281500	0.01	-1.54	100.00	AVRG
2-Nitrophenol	0.2200000	0.2183000	0.2183000	0.01	-0.77	20.00	AVRG
2,4-Dimethylphenol	0.3380000	0.3580400	0.3580400	0.01	5.93	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.4060000	0.4236000	0.4236000	0.01	4.34	100.00	AVRG
2,4-Dichlorophenol	0.2930000	0.2841000	0.2841000	0.01	-3.04	20.00	AVRG
1,2,4-Trichlorobenzene	49.628000	50.000000	0.3002300	0.01	-0.74	100.00	LINR
4-Chloroaniline	53.384000	50.000000	0.3720200	0.01	6.77	100.00	LINR
Hexachlorobutadiene	0.1980000	0.1857700	0.1857700	0.01	-6.18	20.00	AVRG
4-Chloro-3-Methylphenol	0.2900000	0.2760000	0.2760000	0.01	-4.83	20.00	AVRG
Hexachlorocyclopentadiene	40.982000	50.000000	0.1856000	0.05	-18.04	100.00	2RDR
2,4,6-Trichlorophenol	0.3860000	0.3619700	0.3619700	0.01	-6.22	20.00	AVRG
2,4,5-Trichlorophenol	0.4000000	0.3910200	0.3910200	0.01	-2.24	100.00	AVRG
2-Chloronaphthalene	48.489000	50.000000	0.3773400	0.01	-3.02	100.00	2RDR
2-Nitroaniline	0.3320000	0.3358000	0.3358000	0.01	1.14	100.00	AVRG
Dimethyl Phthalate	1.1600000	1.1695000	1.1695000	0.01	0.82	100.00	AVRG
2,6-Dinitrotoluene	0.3090000	0.2876500	0.2876500	0.01	-6.91	100.00	AVRG
3-Nitroaniline	0.2880000	0.2856900	0.2856900	0.01	-0.80	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/21/05 Time: 0934

Lab File ID: K0930 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	37.941000	50.000000	0.1328700	0.05	-24.12	100.00	LINR
Dibenzofuran	54.266000	50.000000	1.3038000	0.01	8.53	100.00	LINR
4-Nitrophenol	8.8e-002	8.91e-002	8.91e-002	0.05	1.25	100.00	AVRG
2,4-Dinitrotoluene	0.4100000	0.3687500	0.3687500	0.01	-10.06	100.00	AVRG
Diethylphthalate	47.779000	50.000000	1.0599000	0.01	-4.44	100.00	2RDR
4-Chlorophenyl-phenylether	0.5870000	0.5401900	0.5401900	0.01	-7.97	100.00	AVRG
4-Nitroaniline	0.3030000	0.2884600	0.2884600	0.01	-4.80	100.00	AVRG
4,6-Dinitro-2-Methylphenol	42.278000	50.000000	0.1547400	0.01	-15.44	100.00	LINR
N-Nitrosodiphenylamine	0.6320000	0.6365100	0.6365100	0.01	0.71	20.00	AVRG
4-Bromophenyl-phenylether	0.2670000	0.2536600	0.2536600	0.01	-5.00	100.00	AVRG
Hexachlorobenzene	0.3340000	0.3092200	0.3092200	0.01	-7.42	100.00	AVRG
Pentachlorophenol	52.758000	50.000000	0.1344300	0.01	5.52	20.00	2RDR
Carbazole	0.9460000	0.9278500	0.9278500	0.01	-1.92	100.00	AVRG
Di-n-butylphthalate	1.2770000	1.2398000	1.2398000	0.01	-2.91	100.00	AVRG
Butylbenzylphthalate	0.5490000	0.5314800	0.5314800	0.01	-3.19	100.00	AVRG
3,3'-Dichlorobenzidine	0.3140000	0.3574600	0.3574600	0.01	13.84	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.7070000	0.6907100	0.6907100	0.01	-2.30	100.00	AVRG
Di-n-octylphthalate	1.7820000	1.5592000	1.5592000	0.01	-12.50	20.00	AVRG
2-Fluorophenol	1.1600000	1.2993000	1.2993000	0.01	12.01	100.00	AVRG
Phenol-D6	1.3160000	1.5062000	1.5062000	0.01	14.45	100.00	AVRG
Nitrobenzene-D5	0.3360000	0.3477500	0.3477500	0.01	3.50	100.00	AVRG
2-Fluorobiphenyl	50.697000	50.000000	1.1353000	0.01	1.39	100.00	2RDR
2,4,6-Tribromophenol	0.2380000	0.2000400	0.2000400	0.01	-15.95	100.00	AVRG
Terphenyl-D14	0.8950000	0.7845900	0.7845900	0.01	-12.34	100.00	AVRG

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD699 DFTPP Injection Date: 12/22/05

Instrument ID: GCMS-K DFTPP Injection Time: 0843

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	48.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	42.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	22.8
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	10.3 (86.7)2
442	40.0 - 100.0% of mass 198	59.5
443	17.0 - 23.0% of mass 442	11.9 (19.9)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1222	K0951	12/22/05	0907
02	WG23940-BLANK	WG23940-1	K0953	12/22/05	1042
03	WG23940-LCS	WG23940-2	K0954	12/22/05	1131
04	WG23940-LCSD	WG23940-3	K0955	12/22/05	1218
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/22/05 Time: 0907

Lab File ID: K0951 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	48.263000	50.000000	1.5529000	0.01	-3.47	20.00	2RDR
Bis(2-Chloroethyl)ether	61.118000	50.000000	1.2532000	0.01	22.24	100.00	2RDR
2-Chlorophenol	48.623000	50.000000	1.1394000	0.01	-2.75	100.00	2RDR
1,3-Dichlorobenzene	48.846000	50.000000	1.3436000	0.01	-2.31	100.00	2RDR
1,4-Dichlorobenzene	58.189000	50.000000	1.3089000	0.01	16.38	20.00	LINR
1,2-Dichlorobenzene	49.554000	50.000000	1.2070000	0.01	-0.89	100.00	2RDR
2-Methylphenol	0.9810000	1.0180000	1.0180000	0.01	3.77	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	2.1990000	2.4364000	2.4364000	0.01	10.80	100.00	AVRG
N-Nitroso-di-n-propylamine	0.7770000	0.8241700	0.8241700	0.05	6.07	100.00	AVRG
4-Methylphenol	1.0810000	1.1020000	1.1020000	0.01	1.94	100.00	AVRG
Hexachloroethane	50.706000	50.000000	0.4861000	0.01	1.41	100.00	2RDR
Nitrobenzene	0.3280000	0.4220900	0.4220900	0.01	28.69	100.00	AVRG
Isophorone	0.6380000	0.7590700	0.7590700	0.01	18.98	100.00	AVRG
2-Nitrophenol	0.2200000	0.2581900	0.2581900	0.01	17.36	20.00	AVRG
2,4-Dimethylphenol	0.3380000	0.3612900	0.3612900	0.01	6.89	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.4060000	0.4561400	0.4561400	0.01	12.35	100.00	AVRG
2,4-Dichlorophenol	0.2930000	0.3032900	0.3032900	0.01	3.51	20.00	AVRG
1,2,4-Trichlorobenzene	55.006000	50.000000	0.3293600	0.01	10.01	100.00	LINR
4-Chloroaniline	57.412000	50.000000	0.3971400	0.01	14.82	100.00	LINR
Hexachlorobutadiene	0.1980000	0.1929900	0.1929900	0.01	-2.53	20.00	AVRG
4-Chloro-3-Methylphenol	0.2900000	0.2838400	0.2838400	0.01	-2.12	20.00	AVRG
Hexachlorocyclopentadiene	45.472000	50.000000	0.2069500	0.05	-9.06	100.00	2RDR
2,4,6-Trichlorophenol	0.3860000	0.3708800	0.3708800	0.01	-3.92	20.00	AVRG
2,4,5-Trichlorophenol	0.4000000	0.3612900	0.3612900	0.01	-9.68	100.00	AVRG
2-Chloronaphthalene	56.644000	50.000000	0.4289600	0.01	13.29	100.00	2RDR
2-Nitroaniline	0.3320000	0.3452300	0.3452300	0.01	3.98	100.00	AVRG
Dimethyl Phthalate	1.1600000	1.1915000	1.1915000	0.01	2.72	100.00	AVRG
2,6-Dinitrotoluene	0.3090000	0.3113000	0.3113000	0.01	0.74	100.00	AVRG
3-Nitroaniline	0.2880000	0.2876300	0.2876300	0.01	-0.13	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/22/05 Time: 0907

Lab File ID: K0951 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	32.322000	50.000000	0.1102400	0.05	-35.36	100.00	LINR
Dibenzofuran	55.706000	50.000000	1.3346000	0.01	11.41	100.00	LINR
4-Nitrophenol	8.8e-002	0.1252100	0.1252100	0.05	42.28	100.00	AVRG
2,4-Dinitrotoluene	0.4100000	0.4044700	0.4044700	0.01	-1.35	100.00	AVRG
Diethylphthalate	49.322000	50.000000	1.0871000	0.01	-1.36	100.00	2RDR
4-Chlorophenyl-phenylether	0.5870000	0.5648000	0.5648000	0.01	-3.78	100.00	AVRG
4-Nitroaniline	0.3030000	0.2959900	0.2959900	0.01	-2.31	100.00	AVRG
4,6-Dinitro-2-Methylphenol	42.069000	50.000000	0.1539000	0.01	-15.86	100.00	LINR
N-Nitrosodiphenylamine	0.6320000	0.6538000	0.6538000	0.01	3.45	20.00	AVRG
4-Bromophenyl-phenylether	0.2670000	0.2543900	0.2543900	0.01	-4.72	100.00	AVRG
Hexachlorobenzene	0.3340000	0.3104500	0.3104500	0.01	-7.05	100.00	AVRG
Pentachlorophenol	44.024000	50.000000	0.1082700	0.01	-11.95	20.00	2RDR
Carbazole	0.9460000	0.9534800	0.9534800	0.01	0.79	100.00	AVRG
Di-n-butylphthalate	1.2770000	1.3953000	1.3953000	0.01	9.26	100.00	AVRG
Butylbenzylphthalate	0.5490000	0.5712900	0.5712900	0.01	4.06	100.00	AVRG
3,3'-Dichlorobenzidine	0.3140000	0.3449300	0.3449300	0.01	9.85	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.7070000	0.7565700	0.7565700	0.01	7.01	100.00	AVRG
Di-n-octylphthalate	1.7820000	1.6050000	1.6050000	0.01	-9.93	20.00	AVRG
2-Fluorophenol	1.1600000	1.2826000	1.2826000	0.01	10.57	100.00	AVRG
Phenol-D6	1.3160000	1.5121000	1.5121000	0.01	14.90	100.00	AVRG
Nitrobenzene-D5	0.3360000	0.3919700	0.3919700	0.01	16.66	100.00	AVRG
2-Fluorobiphenyl	52.786000	50.000000	1.1738000	0.01	5.57	100.00	2RDR
2,4,6-Tribromophenol	0.2380000	0.2060000	0.2060000	0.01	-13.44	100.00	AVRG
Terphenyl-D14	0.8950000	0.8428300	0.8428300	0.01	-5.83	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD704 DFTPP Injection Date: 12/30/05

Instrument ID: GCMS-K DFTPP Injection Time: 1125

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	47.8
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	40.0 - 60.0% of mass 198	44.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	23.1
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	9.4 (83.7)2
442	40.0 - 100.0% of mass 198	54.6
443	17.0 - 23.0% of mass 442	11.2 (20.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1230	K1068	12/30/05	1547
02	PEN46RB1202	WV6482-14	K1074	12/30/05	2040
03	PEN46SB2901	WV6482-1	K1075	12/30/05	2130
04	PEN46SB2902	WV6482-2	K1076	12/30/05	2218
05	PEN46SB2903	WV6482-3	K1077	12/30/05	2308
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/30/05 Time: 1547

Lab File ID: K1068 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Phenol	43.525000	50.000000	1.4308000	0.01	-12.95	20.00	2RDR	
Bis(2-Chloroethyl)ether	46.212000	50.000000	1.0242000	0.01	-7.58	100.00	2RDR	
2-Chlorophenol	41.604000	50.000000	1.0032000	0.01	-16.79	100.00	2RDR	
1,3-Dichlorobenzene	41.938000	50.000000	1.1853000	0.01	-16.12	100.00	2RDR	
1,4-Dichlorobenzene	50.607000	50.000000	1.1564000	0.01	1.21	20.00	LINR	
1,2-Dichlorobenzene	43.430000	50.000000	1.0878000	0.01	-13.14	100.00	2RDR	
2-Methylphenol	0.9810000	0.9500200	0.9500200	0.01	-3.16	100.00	AVRG	
2,2'-Oxybis(1-chloropropane)	2.1990000	2.1976000	2.1976000	0.01	-0.06	100.00	AVRG	
N-Nitroso-di-n-propylamine	0.7770000	0.7067000	0.7067000	0.05	-9.05	100.00	AVRG	
4-Methylphenol	1.0810000	1.0314000	1.0314000	0.01	-4.59	100.00	AVRG	
Hexachloroethane	43.380000	50.000000	0.4358400	0.01	-13.24	100.00	2RDR	
Nitrobenzene	0.3280000	0.3194800	0.3194800	0.01	-2.60	100.00	AVRG	
Isophorone	0.6380000	0.6096200	0.6096200	0.01	-4.45	100.00	AVRG	
2-Nitrophenol	0.2200000	0.1868200	0.1868200	0.01	-15.08	20.00	AVRG	
2,4-Dimethylphenol	0.3380000	0.3197800	0.3197800	0.01	-5.39	100.00	AVRG	
Bis(2-Chloroethoxy)methane	0.4060000	0.3893400	0.3893400	0.01	-4.10	100.00	AVRG	
2,4-Dichlorophenol	0.2930000	0.2624500	0.2624500	0.01	-10.43	20.00	AVRG	
1,2,4-Trichlorobenzene	45.633000	50.000000	0.2785900	0.01	-8.73	100.00	LINR	
4-Chloroaniline	53.036000	50.000000	0.3698400	0.01	6.07	100.00	LINR	
Hexachlorobutadiene	0.1980000	0.1569900	0.1569900	0.01	-20.71	20.00	AVRG	<-
4-Chloro-3-Methylphenol	0.2900000	0.2754300	0.2754300	0.01	-5.02	20.00	AVRG	
Hexachlorocyclopentadiene	27.194000	50.000000	0.1173000	0.05	-45.61	100.00	2RDR	
2,4,6-Trichlorophenol	0.3860000	0.3229400	0.3229400	0.01	-16.34	20.00	AVRG	
2,4,5-Trichlorophenol	0.4000000	0.3370200	0.3370200	0.01	-15.74	100.00	AVRG	
2-Chloronaphthalene	45.285000	50.000000	0.3564300	0.01	-9.43	100.00	2RDR	
2-Nitroaniline	0.3320000	0.3156200	0.3156200	0.01	-4.93	100.00	AVRG	
Dimethyl Phthalate	1.1600000	1.0473000	1.0473000	0.01	-9.72	100.00	AVRG	
2,6-Dinitrotoluene	0.3090000	0.2803300	0.2803300	0.01	-9.28	100.00	AVRG	
3-Nitroaniline	0.2880000	0.2658400	0.2658400	0.01	-7.69	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 12/30/05 Time: 1547

Lab File ID: K1068 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0905 1307

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	35.852000	50.000000	0.1244500	0.05	-28.30	100.00	LINR
Dibenzofuran	51.250000	50.000000	1.2392000	0.01	2.50	100.00	LINR
4-Nitrophenol	8.8e-002	8.67e-002	8.67e-002	0.05	-1.48	100.00	AVRG
2,4-Dinitrotoluene	0.4100000	0.3549300	0.3549300	0.01	-13.43	100.00	AVRG
Diethylphthalate	40.620000	50.000000	0.9294600	0.01	-18.76	100.00	2RDR
4-Chlorophenyl-phenylether	0.5870000	0.5202800	0.5202800	0.01	-11.37	100.00	AVRG
4-Nitroaniline	0.3030000	0.2658500	0.2658500	0.01	-12.26	100.00	AVRG
4,6-Dinitro-2-Methylphenol	34.104000	50.000000	0.1220500	0.01	-31.79	100.00	LINR
N-Nitrosodiphenylamine	0.6320000	0.5946000	0.5946000	0.01	-5.92	20.00	AVRG
4-Bromophenyl-phenylether	0.2670000	0.2205500	0.2205500	0.01	-17.40	100.00	AVRG
Hexachlorobenzene	0.3340000	0.2715100	0.2715100	0.01	-18.71	100.00	AVRG
Pentachlorophenol	47.359000	50.000000	0.1181700	0.01	-5.28	20.00	2RDR
Carbazole	0.9460000	0.8673200	0.8673200	0.01	-8.32	100.00	AVRG
Di-n-butylphthalate	1.2770000	1.1580000	1.1580000	0.01	-9.32	100.00	AVRG
Butylbenzylphthalate	0.5490000	0.5610400	0.5610400	0.01	2.19	100.00	AVRG
3,3'-Dichlorobenzidine	0.3140000	0.2356800	0.2356800	0.01	-24.94	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.7070000	0.6631000	0.6631000	0.01	-6.21	100.00	AVRG
Di-n-octylphthalate	1.7820000	1.8617000	1.8617000	0.01	4.47	20.00	AVRG
2-Fluorophenol	1.1600000	1.1300000	1.1300000	0.01	-2.59	100.00	AVRG
Phenol-D6	1.3160000	1.2374000	1.2374000	0.01	-5.97	100.00	AVRG
Nitrobenzene-D5	0.3360000	0.3104600	0.3104600	0.01	-7.60	100.00	AVRG
2-Fluorobiphenyl	41.823000	50.000000	0.9664600	0.01	-16.35	100.00	2RDR
2,4,6-Tribromophenol	0.2380000	0.1808100	0.1808100	0.01	-24.03	100.00	AVRG
Terphenyl-D14	0.8950000	0.9213800	0.9213800	0.01	2.95	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD707 DFTPP Injection Date: 01/05/06

Instrument ID: GCMS-K DFTPP Injection Time: 1424

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	50.8
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	46.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	21.2
365	1.0 - 100.0% of mass 198	2.0
441	0.0 - 100.0% of mass 443	8.1 (85.4)2
442	40.0 - 100.0% of mass 198	48.8
443	17.0 - 23.0% of mass 442	9.5 (19.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0105	K1131	01/05/06	1448
02		SSTD150K0105	K1132	01/05/06	1540
03		SSTD125K0105	K1133	01/05/06	1630
04		SSTD100K0105	K1134	01/05/06	1720
05		SSTD025K0105	K1135	01/05/06	1809
06		SSTD010K0105	K1136	01/05/06	1859
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FORM V SV

FORM 6

SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 01/05/06 01/05/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1448 1859

LAB FILE ID: RF10: K1136 RF25: K1135 RF50: K1131

RF100: K1134 RF125: K1133 RF150: K1132

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	209610	502180	1086700	1547100	2132600	2811500	2ORDR	3.525e-003	0.49194060	7.474e-002	0.99633	0.99000	
Bis(2-Chloroethyl)ether	162270	374120	809380	1223000	1663200	2174000	2ORDR	1.301e-002	0.65090419	0.11613916	0.99334	0.99000	
2-Chlorophenol	146390	338640	727540	1058100	1526800	2065400	LINR	-0.1367447	1.15129595		0.99480	0.99000	
1,3-Dichlorobenzene	162380	382020	918580	1366400	1826000	2374600	2ORDR	3.763e-002	0.55778476	0.10368250	0.99218	0.99000	
1,4-Dichlorobenzene	150400	365680	849410	1280700	1727500	2260100	2ORDR	3.125e-002	0.62143890	0.10661864	0.99326	0.99000	
1,2-Dichlorobenzene	146340	342770	747740	1072500	1454000	1886500	2ORDR	1.629e-002	0.66177977	0.18288574	0.99390	0.99000	
2-Methylphenol	1.308	1.255	0.914	0.919	0.865	0.752	AVRG		1.00211922		22.476	15.000	<
2,2'-Oxybis(1-chloropropa	2.804	2.584	1.973	2.067	1.883	1.637	AVRG		2.15787742		20.604	15.000	<
N-Nitroso-di-n-propylamin	106360	248460	524560	792250	1156800	1501200	LINR	-0.1252595	1.54643954		0.99151	0.99000	
4-Methylphenol	1.308	1.255	0.914	0.919	0.865	0.752	AVRG		1.00211922		22.476	15.000	<
Hexachloroethane	0.569	0.543	0.461	0.472	0.448	0.421	AVRG		0.48557860		11.906	15.000	
Nitrobenzene	0.382	0.381	0.313	0.308	0.301	0.288	AVRG		0.32889308		12.685	15.000	
Isophorone	0.726	0.725	0.586	0.606	0.599	0.601	AVRG		0.64053757		10.344	15.000	
2-Nitrophenol	0.205	0.232	0.200	0.209	0.204	0.205	AVRG		0.20918875		5.536	15.000	
2,4-Dimethylphenol	0.351	0.364	0.288	0.290	0.288	0.286	AVRG		0.31123665		11.592	15.000	
Bis(2-Chloroethoxy)methan	166700	411800	859080	1312900	1917000	2599500	LINR	-0.1026427	2.82119874		0.99725	0.99000	
2,4-Dichlorophenol	0.272	0.290	0.239	0.234	0.229	0.225	AVRG		0.24849963		10.727	15.000	
1,2,4-Trichlorobenzene	0.338	0.343	0.270	0.273	0.255	0.245	AVRG		0.28739683		14.724	15.000	
4-Chloroaniline	139400	361140	759040	1140200	1619700	1979900	2ORDR	2.889e-002	1.96700788	1.45366845	0.99401	0.99000	
Hexachlorobutadiene	0.169	0.163	0.140	0.141	0.138	0.135	AVRG		0.14766176		9.746	15.000	
4-Chloro-3-Methylphenol	0.280	0.315	0.242	0.246	0.261	0.259	AVRG		0.26722275		10.090	15.000	
Hexachlorocyclopentadiene	0.149	0.182	0.177	0.182	0.171	0.158	AVRG		0.16972379		8.031	15.000	
2,4,6-Trichlorophenol	0.368	0.393	0.335	0.356	0.351	0.332	AVRG		0.35571326		6.385	15.000	
2,4,5-Trichlorophenol	0.363	0.374	0.330	0.350	0.359	0.353	AVRG		0.35492678		4.171	15.000	
2-Chloronaphthalene	0.486	0.434	0.374	0.377	0.362	0.366	AVRG		0.39980074		12.474	15.000	
2-Nitroaniline	0.348	0.409	0.343	0.375	0.390	0.382	AVRG		0.37449673		6.689	15.000	
Dimethyl Phthalate	1.220	1.261	0.976	1.020	0.998	0.936	AVRG		1.06872467		12.803	15.000	
2,6-Dinitrotoluene	0.272	0.320	0.279	0.300	0.300	0.287	AVRG		0.29313437		5.834	15.000	
3-Nitroaniline	0.249	0.335	0.277	0.310	0.319	0.321	AVRG		0.30206294		10.683	15.000	
2,4-Dinitrophenol	12565	65761	194960	297310	561970	885330	2ORDR	5.577e-002	6.28069506	-2.3478206	0.99824	0.99000	
Dibenzofuran	1.509	1.489	1.163	1.212	1.113	0.972	AVRG		1.24295908		17.219	15.000	<
4-Nitrophenol	0.063	0.094	0.087	0.091	0.100	0.100	AVRG		8.901e-002		15.267	15.000	<
2,4-Dinitrotoluene	0.293	0.365	0.325	0.361	0.380	0.378	AVRG		0.35036745		9.778	15.000	
Diethylphthalate	1.161	1.229	0.943	1.027	1.029	0.944	AVRG		1.05568110		11.033	15.000	
4-Chlorophenyl-phenylethe	0.596	0.559	0.448	0.485	0.479	0.436	AVRG		0.50039750		12.700	15.000	
4-Nitroaniline	0.246	0.271	0.220	0.265	0.269	0.276	AVRG		0.25777225		8.326	15.000	
4,6-Dinitro-2-Methylpheno	21641	86631	219880	363270	618840	913000	LINR	8.825e-002	5.94368306		0.99846	0.99000	
N-Nitrosodiphenylamine	0.706	0.725	0.588	0.619	0.580	0.532	AVRG		0.62495887		12.072	15.000	
4-Bromophenyl-phenylether	0.224	0.225	0.192	0.192	0.184	0.186	AVRG		0.20059916		9.395	15.000	
Hexachlorobenzene	0.263	0.247	0.212	0.214	0.203	0.198	AVRG		0.22264406		11.700	15.000	
Pentachlorophenol	0.120	0.146	0.137	0.140	0.142	0.141	AVRG		0.13765087		6.772	15.000	
Carbazole	0.915	0.963	0.758	0.827	0.753	0.709	AVRG		0.82101010		12.175	15.000	
Di-n-butylphthalate	1.309	1.408	1.082	1.113	1.022	0.885	AVRG		1.13646459		16.845	15.000	<
Butylbenzylphthalate	0.605	0.673	0.633	0.682	0.715	0.705	AVRG		0.66887433		6.357	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 01/05/06 01/05/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1448 1859

LAB FILE ID: RF10: K1136 RF25: K1135 RF50: K1131
RF100: K1134 RF125: K1133 RF150: K1132

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2	
3,3'-Dichlorobenzidine	0.246	0.284	0.254	0.285	0.271	0.293	AVRG		0.27221487		6.915	15.000	
bis(2-Ethylhexyl)phthalat	0.756	0.884	0.827	0.892	0.930	0.885	AVRG		0.86245981		7.125	15.000	
Di-n-octylphthalate	208780	734320	1123500	2139800	3105700	3787400	LINR	8.266e-002	0.39602281		0.99819	0.99000	
2-Fluorophenol	1.285	1.254	1.052	1.068	1.040	0.993	AVRG		1.11544099		10.954	15.000	
Phenol-D6	1.591	1.546	1.296	1.371	1.366	1.291	AVRG		1.41010533		9.064	15.000	
Nitrobenzene-D5	0.368	0.373	0.326	0.330	0.319	0.326	AVRG		0.34049386		6.954	15.000	
2-Fluorobiphenyl	1.342	1.308	1.024	1.069	0.998	0.872	AVRG		1.10231088		16.779	15.000	<
2,4,6-Tribromophenol	0.120	0.137	0.134	0.140	0.147	0.156	AVRG		0.13908307		8.734	15.000	
Terphenyl-D14	0.813	0.863	0.884	0.925	0.962	0.998	AVRG		0.90768638		7.488	15.000	

Average %RSD test result.

Calculate Average %RSD: 14.80895996
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD709 DFTPP Injection Date: 01/07/06

Instrument ID: GCMS-K DFTPP Injection Time: 1034

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	50.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	51.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	22.2
365	1.0 - 100.0% of mass 198	2.1
441	0.0 - 100.0% of mass 443	8.6 (79.4)2
442	40.0 - 100.0% of mass 198	52.8
443	17.0 - 23.0% of mass 442	10.8 (20.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0107	K1163	01/07/06	1057
02	PEN46SB3001	WV6482-4	K1177	01/07/06	2224
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/07/06 Time: 1057

Lab File ID: K1163 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	53.795000	50.000000	1.6588000	0.01	7.59	20.00	2RDR
Bis(2-Chloroethyl)ether	53.330000	50.000000	1.2655000	0.01	6.66	100.00	2RDR
2-Chlorophenol	56.594000	50.000000	1.0782000	0.01	13.19	100.00	LINR
1,3-Dichlorobenzene	48.299000	50.000000	1.2907000	0.01	-3.40	100.00	2RDR
1,4-Dichlorobenzene	50.268000	50.000000	1.2451000	0.01	0.54	20.00	2RDR
1,2-Dichlorobenzene	51.391000	50.000000	1.1088000	0.01	2.78	100.00	2RDR
2-Methylphenol	1.0020000	1.0966000	1.0966000	0.01	9.44	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	2.1580000	2.2662000	2.2662000	0.01	5.01	100.00	AVRG
N-Nitroso-di-n-propylamine	57.515000	50.000000	0.8086400	0.05	15.03	100.00	LINR
4-Methylphenol	1.0020000	1.0966000	1.0966000	0.01	9.44	100.00	AVRG
Hexachloroethane	0.4860000	0.4953600	0.4953600	0.01	1.92	100.00	AVRG
Nitrobenzene	0.3290000	0.3374200	0.3374200	0.01	2.56	100.00	AVRG
Isophorone	0.6400000	0.6570800	0.6570800	0.01	2.67	100.00	AVRG
2-Nitrophenol	0.2090000	0.2099400	0.2099400	0.01	0.45	20.00	AVRG
2,4-Dimethylphenol	0.3110000	0.3184000	0.3184000	0.01	2.38	100.00	AVRG
Bis(2-Chloroethoxy)methane	57.754000	50.000000	0.4385300	0.01	15.51	100.00	LINR
2,4-Dichlorophenol	0.2480000	0.2741800	0.2741800	0.01	10.56	20.00	AVRG
1,2,4-Trichlorobenzene	0.2870000	0.2941600	0.2941600	0.01	2.49	100.00	AVRG
4-Chloroaniline	49.594000	50.000000	0.3676400	0.01	-0.81	100.00	2RDR
Hexachlorobutadiene	0.1480000	0.1553500	0.1553500	0.01	4.97	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2766000	0.2766000	0.01	3.60	20.00	AVRG
Hexachlorocyclopentadiene	0.1700000	0.1597200	0.1597200	0.05	-6.05	100.00	AVRG
2,4,6-Trichlorophenol	0.3560000	0.3663600	0.3663600	0.01	2.91	20.00	AVRG
2,4,5-Trichlorophenol	0.3550000	0.3679800	0.3679800	0.01	3.66	100.00	AVRG
2-Chloronaphthalene	0.4000000	0.3619400	0.3619400	0.01	-9.52	100.00	AVRG
2-Nitroaniline	0.3740000	0.3489600	0.3489600	0.01	-6.70	100.00	AVRG
Dimethyl Phthalate	1.0680000	1.1078000	1.1078000	0.01	3.73	100.00	AVRG
2,6-Dinitrotoluene	0.2930000	0.3028600	0.3028600	0.01	3.36	100.00	AVRG
3-Nitroaniline	0.3020000	0.3039800	0.3039800	0.01	0.66	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/07/06 Time: 1057

Lab File ID: K1163 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	51.496000	50.000000	0.1704500	0.05	2.99	100.00	2RDR
Dibenzofuran	1.2430000	1.2574000	1.2574000	0.01	1.16	100.00	AVRG
4-Nitrophenol	8.9e-002	9.06e-002	9.06e-002	0.05	1.80	100.00	AVRG
2,4-Dinitrotoluene	0.3500000	0.3782700	0.3782700	0.01	8.08	100.00	AVRG
Diethylphthalate	1.0560000	1.1062000	1.1062000	0.01	4.75	100.00	AVRG
4-Chlorophenyl-phenylether	0.5000000	0.5190900	0.5190900	0.01	3.82	100.00	AVRG
4-Nitroaniline	0.2580000	0.2784500	0.2784500	0.01	7.93	100.00	AVRG
4,6-Dinitro-2-Methylphenol	49.357000	50.000000	0.1542000	0.01	-1.29	100.00	LINR
N-Nitrosodiphenylamine	0.6250000	0.6108200	0.6108200	0.01	-2.27	20.00	AVRG
4-Bromophenyl-phenylether	0.2000000	0.2166200	0.2166200	0.01	8.31	100.00	AVRG
Hexachlorobenzene	0.2230000	0.2506400	0.2506400	0.01	12.40	100.00	AVRG
Pentachlorophenol	0.1380000	0.1575500	0.1575500	0.01	14.17	20.00	AVRG
Carbazole	0.8210000	0.8761000	0.8761000	0.01	6.71	100.00	AVRG
Di-n-butylphthalate	1.1360000	1.2020000	1.2020000	0.01	5.81	100.00	AVRG
Butylbenzylphthalate	0.6690000	0.6268600	0.6268600	0.01	-6.30	100.00	AVRG
3,3'-Dichlorobenzidine	0.2720000	0.2318200	0.2318200	0.01	-14.77	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.8620000	0.7778900	0.7778900	0.01	-9.76	100.00	AVRG
Di-n-octylphthalate	46.931000	50.000000	2.2031000	0.01	-6.14	20.00	LINR
2-Fluorophenol	1.1150000	1.2176000	1.2176000	0.01	9.20	100.00	AVRG
Phenol-D6	1.4100000	1.5259000	1.5259000	0.01	8.22	100.00	AVRG
Nitrobenzene-D5	0.3400000	0.3221800	0.3221800	0.01	-5.24	100.00	AVRG
2-Fluorobiphenyl	1.1020000	1.1025000	1.1025000	0.01	0.04	100.00	AVRG
2,4,6-Tribromophenol	0.1390000	0.1877000	0.1877000	0.01	35.04	100.00	AVRG
Terphenyl-D14	0.9080000	0.9388700	0.9388700	0.01	3.40	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD710 DFTPP Injection Date: 01/08/06

Instrument ID: GCMS-K DFTPP Injection Time: 1249

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	55.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	24.4
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	7.9 (57.1)2
442	40.0 - 100.0% of mass 198	75.2
443	17.0 - 23.0% of mass 442	13.9 (18.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0108	K1179	01/08/06	1312
02	PEN46SB3001D	WV6482-5	K1188	01/08/06	2033
03	PEN46SB3002	WV6482-6	K1189	01/08/06	2122
04	PEN46SB3003	WV6482-7	K1190	01/08/06	2211
05	PEN46SB3101	WV6482-8	K1191	01/08/06	2300
06	PEN46SB3102	WV6482-9	K1192	01/08/06	2348
07	PEN46SB3103	WV6482-10	K1193	01/09/06	0037
08					
09					
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20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/08/06 Time: 1312

Lab File ID: K1179 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	54.966000	50.000000	1.6879000	0.01	9.93	20.00	2RDR
Bis(2-Chloroethyl)ether	50.445000	50.000000	1.2083000	0.01	0.89	100.00	2RDR
2-Chlorophenol	56.712000	50.000000	1.0802000	0.01	13.42	100.00	LINR
1,3-Dichlorobenzene	49.062000	50.000000	1.3078000	0.01	-1.88	100.00	2RDR
1,4-Dichlorobenzene	49.932000	50.000000	1.2380000	0.01	-0.14	20.00	2RDR
1,2-Dichlorobenzene	53.344000	50.000000	1.1420000	0.01	6.69	100.00	2RDR
2-Methylphenol	1.0020000	1.0805000	1.0805000	0.01	7.83	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	2.1580000	2.2128000	2.2128000	0.01	2.54	100.00	AVRG
N-Nitroso-di-n-propylamine	59.123000	50.000000	0.8294400	0.05	18.25	100.00	LINR
4-Methylphenol	1.0020000	1.0805000	1.0805000	0.01	7.83	100.00	AVRG
Hexachloroethane	0.4860000	0.4972500	0.4972500	0.01	2.31	100.00	AVRG
Nitrobenzene	0.3290000	0.3011100	0.3011100	0.01	-8.48	100.00	AVRG
Isophorone	0.6400000	0.6097900	0.6097900	0.01	-4.72	100.00	AVRG
2-Nitrophenol	0.2090000	0.1911900	0.1911900	0.01	-8.52	20.00	AVRG
2,4-Dimethylphenol	0.3110000	0.3251500	0.3251500	0.01	4.55	100.00	AVRG
Bis(2-Chloroethoxy)methane	52.793000	50.000000	0.4033600	0.01	5.59	100.00	LINR
2,4-Dichlorophenol	0.2480000	0.2550600	0.2550600	0.01	2.85	20.00	AVRG
1,2,4-Trichlorobenzene	0.2870000	0.2759100	0.2759100	0.01	-3.86	100.00	AVRG
4-Chloroaniline	46.229000	50.000000	0.3470400	0.01	-7.54	100.00	2RDR
Hexachlorobutadiene	0.1480000	0.1589700	0.1589700	0.01	7.41	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2698400	0.2698400	0.01	1.06	20.00	AVRG
Hexachlorocyclopentadiene	0.1700000	0.1387700	0.1387700	0.05	-18.37	100.00	AVRG
2,4,6-Trichlorophenol	0.3560000	0.3212000	0.3212000	0.01	-9.78	20.00	AVRG
2,4,5-Trichlorophenol	0.3550000	0.3191700	0.3191700	0.01	-10.09	100.00	AVRG
2-Chloronaphthalene	0.4000000	0.3242200	0.3242200	0.01	-18.94	100.00	AVRG
2-Nitroaniline	0.3740000	0.3101600	0.3101600	0.01	-17.07	100.00	AVRG
Dimethyl Phthalate	1.0680000	0.9690700	0.9690700	0.01	-9.26	100.00	AVRG
2,6-Dinitrotoluene	0.2930000	0.2654200	0.2654200	0.01	-9.41	100.00	AVRG
3-Nitroaniline	0.3020000	0.2527600	0.2527600	0.01	-16.30	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/08/06 Time: 1312

Lab File ID: K1179 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	37.857000	50.000000	0.1202000	0.05	-24.29	100.00	2RDR	
Dibenzofuran	1.2430000	1.1730000	1.1730000	0.01	-5.63	100.00	AVRG	
4-Nitrophenol	8.9e-002	7.33e-002	7.33e-002	0.05	-17.64	100.00	AVRG	
2,4-Dinitrotoluene	0.3500000	0.3132800	0.3132800	0.01	-10.49	100.00	AVRG	
Diethylphthalate	1.0560000	0.9753000	0.9753000	0.01	-7.64	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5000000	0.4775600	0.4775600	0.01	-4.49	100.00	AVRG	
4-Nitroaniline	0.2580000	0.2053600	0.2053600	0.01	-20.40	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	40.587000	50.000000	0.1246900	0.01	-18.83	100.00	LINR	
N-Nitrosodiphenylamine	0.6250000	0.5760800	0.5760800	0.01	-7.83	20.00	AVRG	
4-Bromophenyl-phenylether	0.2000000	0.2161400	0.2161400	0.01	8.07	100.00	AVRG	
Hexachlorobenzene	0.2230000	0.2598200	0.2598200	0.01	16.51	100.00	AVRG	
Pentachlorophenol	0.1380000	0.1429500	0.1429500	0.01	3.59	20.00	AVRG	
Carbazole	0.8210000	0.7276400	0.7276400	0.01	-11.37	100.00	AVRG	
Di-n-butylphthalate	1.1360000	1.0529000	1.0529000	0.01	-7.32	100.00	AVRG	
Butylbenzylphthalate	0.6690000	0.5248900	0.5248900	0.01	-21.54	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2720000	0.2463400	0.2463400	0.01	-9.43	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.8620000	0.6539900	0.6539900	0.01	-24.13	100.00	AVRG	
Di-n-octylphthalate	32.867000	50.000000	1.4929000	0.01	-34.27	20.00	LINR	<-
2-Fluorophenol	1.1150000	1.1907000	1.1907000	0.01	6.79	100.00	AVRG	
Phenol-D6	1.4100000	1.4726000	1.4726000	0.01	4.44	100.00	AVRG	
Nitrobenzene-D5	0.3400000	0.3033000	0.3033000	0.01	-10.79	100.00	AVRG	
2-Fluorobiphenyl	1.1020000	1.0033000	1.0033000	0.01	-8.96	100.00	AVRG	
2,4,6-Tribromophenol	0.1390000	0.1800700	0.1800700	0.01	29.55	100.00	AVRG	
Terphenyl-D14	0.9080000	0.8450600	0.8450600	0.01	-6.93	100.00	AVRG	

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD712 DFTPP Injection Date: 01/09/06

Instrument ID: GCMS-K DFTPP Injection Time: 1311

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	48.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	41.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	23.7
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	10.5 (73.0)2
442	40.0 - 100.0% of mass 198	67.6
443	17.0 - 23.0% of mass 442	14.4 (21.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0109	K1201	01/09/06	1335
02	PEN45SB2501	WV6482-11	K1210	01/09/06	2055
03	PEN45SB2502	WV6482-12	K1211	01/09/06	2144
04	PEN45SB2503	WV6482-13	K1212	01/09/06	2232
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/09/06 Time: 1335

Lab File ID: K1201 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	49.886000	50.000000	1.5601000	0.01	-0.23	20.00	2RDR
Bis(2-Chloroethyl)ether	48.236000	50.000000	1.1640000	0.01	-3.53	100.00	2RDR
2-Chlorophenol	52.677000	50.000000	1.0101000	0.01	5.35	100.00	LINR
1,3-Dichlorobenzene	47.339000	50.000000	1.2692000	0.01	-5.32	100.00	2RDR
1,4-Dichlorobenzene	48.794000	50.000000	1.2140000	0.01	-2.41	20.00	2RDR
1,2-Dichlorobenzene	48.174000	50.000000	1.0531000	0.01	-3.65	100.00	2RDR
2-Methylphenol	1.0020000	0.9659600	0.9659600	0.01	-3.60	100.00	AVRG
2,2'-Oxybis(1-chloropropane)	2.1580000	2.1253000	2.1253000	0.01	-1.52	100.00	AVRG
N-Nitroso-di-n-propylamine	55.713000	50.000000	0.7853300	0.05	11.43	100.00	LINR
4-Methylphenol	1.0020000	0.9659600	0.9659600	0.01	-3.60	100.00	AVRG
Hexachloroethane	0.4860000	0.4710200	0.4710200	0.01	-3.08	100.00	AVRG
Nitrobenzene	0.3290000	0.3027400	0.3027400	0.01	-7.98	100.00	AVRG
Isophorone	0.6400000	0.5882100	0.5882100	0.01	-8.09	100.00	AVRG
2-Nitrophenol	0.2090000	0.1865300	0.1865300	0.01	-10.75	20.00	AVRG
2,4-Dimethylphenol	0.3110000	0.2993900	0.2993900	0.01	-3.73	100.00	AVRG
Bis(2-Chloroethoxy)methane	50.996000	50.000000	0.3906300	0.01	1.99	100.00	LINR
2,4-Dichlorophenol	0.2480000	0.2403900	0.2403900	0.01	-3.07	20.00	AVRG
1,2,4-Trichlorobenzene	0.2870000	0.2756000	0.2756000	0.01	-3.97	100.00	AVRG
4-Chloroaniline	43.544000	50.000000	0.3302400	0.01	-12.91	100.00	2RDR
Hexachlorobutadiene	0.1480000	0.1587700	0.1587700	0.01	7.28	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2655400	0.2655400	0.01	-0.55	20.00	AVRG
Hexachlorocyclopentadiene	0.1700000	0.1302500	0.1302500	0.05	-23.38	100.00	AVRG
2,4,6-Trichlorophenol	0.3560000	0.3326800	0.3326800	0.01	-6.55	20.00	AVRG
2,4,5-Trichlorophenol	0.3550000	0.3425500	0.3425500	0.01	-3.51	100.00	AVRG
2-Chloronaphthalene	0.4000000	0.3246200	0.3246200	0.01	-18.84	100.00	AVRG
2-Nitroaniline	0.3740000	0.3397500	0.3397500	0.01	-9.16	100.00	AVRG
Dimethyl Phthalate	1.0680000	1.0297000	1.0297000	0.01	-3.59	100.00	AVRG
2,6-Dinitrotoluene	0.2930000	0.2792400	0.2792400	0.01	-4.70	100.00	AVRG
3-Nitroaniline	0.3020000	0.2714800	0.2714800	0.01	-10.11	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/09/06 Time: 1335

Lab File ID: K1201 Init. Calib. Date(s): 01/05/06 01/05/06

Init. Calib. Times: 1448 1859

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	38.203000	50.000000	0.1214400	0.05	-23.59	100.00	2RDR	
Dibenzofuran	1.2430000	1.2054000	1.2054000	0.01	-3.02	100.00	AVRG	
4-Nitrophenol	8.9e-002	8.51e-002	8.51e-002	0.05	-4.38	100.00	AVRG	
2,4-Dinitrotoluene	0.3500000	0.3292700	0.3292700	0.01	-5.92	100.00	AVRG	
Diethylphthalate	1.0560000	1.0271000	1.0271000	0.01	-2.74	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5000000	0.4825200	0.4825200	0.01	-3.50	100.00	AVRG	
4-Nitroaniline	0.2580000	0.2281700	0.2281700	0.01	-11.56	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	39.958000	50.000000	0.1225800	0.01	-20.08	100.00	LINR	
N-Nitrosodiphenylamine	0.6250000	0.5656200	0.5656200	0.01	-9.50	20.00	AVRG	
4-Bromophenyl-phenylether	0.2000000	0.2132700	0.2132700	0.01	6.64	100.00	AVRG	
Hexachlorobenzene	0.2230000	0.2556300	0.2556300	0.01	14.63	100.00	AVRG	
Pentachlorophenol	0.1380000	0.1527000	0.1527000	0.01	10.65	20.00	AVRG	
Carbazole	0.8210000	0.7738000	0.7738000	0.01	-5.75	100.00	AVRG	
Di-n-butylphthalate	1.1360000	1.0792000	1.0792000	0.01	-5.00	100.00	AVRG	
Butylbenzylphthalate	0.6690000	0.5217900	0.5217900	0.01	-22.00	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2720000	0.2351900	0.2351900	0.01	-13.53	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.8620000	0.6338800	0.6338800	0.01	-26.46	100.00	AVRG	
Di-n-octylphthalate	30.776000	50.000000	1.3872000	0.01	-38.45	20.00	LINR	<-
2-Fluorophenol	1.1150000	1.1108000	1.1108000	0.01	-0.38	100.00	AVRG	
Phenol-D6	1.4100000	1.4106000	1.4106000	0.01	0.04	100.00	AVRG	
Nitrobenzene-D5	0.3400000	0.3016600	0.3016600	0.01	-11.28	100.00	AVRG	
2-Fluorobiphenyl	1.1020000	1.0434000	1.0434000	0.01	-5.32	100.00	AVRG	
2,4,6-Tribromophenol	0.1390000	0.2011200	0.2011200	0.01	44.69	100.00	AVRG	
Terphenyl-D14	0.9080000	0.8995600	0.8995600	0.01	-0.93	100.00	AVRG	

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD713 DFTPP Injection Date: 01/10/06

Instrument ID: GCMS-K DFTPP Injection Time: 1245

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	52.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.8
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	12.3 (86.8)2
442	40.0 - 100.0% of mass 198	77.3
443	17.0 - 23.0% of mass 442	14.1 (18.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0110	K1227	01/10/06	1308
02		SSTD150K0110	K1228	01/10/06	1356
03		SSTD125K0110	K1229	01/10/06	1444
04		SSTD100K0110	K1230	01/10/06	1532
05		SSTD025K0110	K1231	01/10/06	1627
06		SSTD010K0110	K1232	01/10/06	1716
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	A0	A1	A2	OR R^2	OR R^2	
Phenol	146740	335560	536210	814510	1092100	1270500	2ORDR	-1.56e-002	0.49962516	8.102e-002	0.99731	0.99000	
Bis(2-Chloroethyl)ether	110430	249790	399640	663930	876620	1017500	LINR	-0.1632500	1.05910973		0.99106	0.99000	
2-Chlorophenol	99743	219140	346650	565080	773880	875930	LINR	-0.1717614	1.22665595		0.99170	0.99000	
1,3-Dichlorobenzene	1.428	1.358	1.268	1.154	1.020	1.034	AVRG		1.21051188		13.978	15.000	
1,4-Dichlorobenzene	1.407	1.279	1.204	1.115	0.972	0.977	AVRG		1.15921222		14.834	15.000	
1,2-Dichlorobenzene	109810	225870	354720	601170	758990	895210	2ORDR	-1.37e-002	0.74026692	0.15018075	0.99668	0.99000	
2-Methylphenol	103430	212250	344140	537930	754070	846870	LINR	-0.1857058	1.27283172		0.99068	0.99000	
2,2'-Oxybis(1-chloropropa	2.528	2.353	2.169	1.930	1.798	1.773	AVRG		2.09192093		14.785	15.000	
N-Nitroso-di-n-propylamin	76934	164860	286900	426870	628550	715520	LINR	-0.1443257	1.51416035		0.99142	0.99000	
4-Methylphenol	103430	212250	344140	537930	754070	846870	LINR	-0.1857058	1.27283172		0.99068	0.99000	
Hexachloroethane	0.487	0.499	0.488	0.461	0.417	0.410	AVRG		0.46017882		8.393	15.000	
Nitrobenzene	0.338	0.338	0.344	0.306	0.280	0.289	AVRG		0.31584506		8.821	15.000	
Isophorone	0.648	0.630	0.660	0.554	0.534	0.564	AVRG		0.59841195		9.052	15.000	
2-Nitrophenol	0.178	0.187	0.202	0.186	0.178	0.183	AVRG		0.18572279		4.805	15.000	
2,4-Dimethylphenol	0.318	0.329	0.343	0.283	0.266	0.275	AVRG		0.30239593		10.535	15.000	
Bis(2-Chloroethoxy)methan	0.461	0.430	0.419	0.356	0.345	0.365	AVRG		0.39602051		11.892	15.000	
2,4-Dichlorophenol	0.242	0.253	0.254	0.215	0.210	0.224	AVRG		0.23296324		8.225	15.000	
1,2,4-Trichlorobenzene	0.300	0.307	0.280	0.265	0.238	0.245	AVRG		0.27271074		10.452	15.000	
4-Chloroaniline	0.391	0.374	0.355	0.305	0.282	0.286	AVRG		0.33201266		14.202	15.000	
Hexachlorobutadiene	0.177	0.166	0.155	0.150	0.136	0.143	AVRG		0.15439622		9.708	15.000	
4-Chloro-3-Methylphenol	0.273	0.292	0.284	0.241	0.239	0.272	AVRG		0.26688787		8.205	15.000	
Hexachlorocyclopentadiene	0.176	0.229	0.101	0.130	0.136	0.113	AVRG		0.14750659		32.199	15.000	<
2,4,6-Trichlorophenol	0.350	0.334	0.332	0.324	0.323	0.328	AVRG		0.33180777		3.004	15.000	
2,4,5-Trichlorophenol	0.351	0.362	0.335	0.347	0.343	0.346	AVRG		0.34737668		2.582	15.000	
2-Chloronaphthalene	0.434	0.382	0.364	0.344	0.312	0.321	AVRG		0.35960103		12.497	15.000	
2-Nitroaniline	0.337	0.356	0.310	0.326	0.317	0.339	AVRG		0.33085025		5.104	15.000	
Dimethyl Phthalate	1.177	1.098	1.082	0.995	0.954	1.023	AVRG		1.05482910		7.618	15.000	
2,6-Dinitrotoluene	0.274	0.287	0.282	0.284	0.269	0.278	AVRG		0.27886267		2.428	15.000	
3-Nitroaniline	0.255	0.285	0.279	0.303	0.283	0.315	AVRG		0.28674640		7.275	15.000	
2,4-Dinitrophenol	8448	37914	79852	176260	249530	369140	2ORDR	0.10725693	7.04283485	-2.9313019	0.99622	0.99000	
Dibenzofuran	1.472	1.376	1.264	1.187	1.126	1.098	AVRG		1.25372473		11.707	15.000	
4-Nitrophenol	11478	32629	61328	121380	167240	218700	LINR	9.693e-002	8.24537197		0.99686	0.99000	
2,4-Dinitrotoluene	0.316	0.356	0.335	0.362	0.339	0.378	AVRG		0.34790401		6.332	15.000	
Diethylphthalate	1.130	1.130	1.065	1.014	0.969	1.036	AVRG		1.05723411		6.100	15.000	
4-Chlorophenyl-phenylethe	0.607	0.547	0.525	0.487	0.454	0.463	AVRG		0.51379334		11.230	15.000	
4-Nitroaniline	0.262	0.272	0.269	0.292	0.266	0.292	AVRG		0.27553792		4.847	15.000	
4,6-Dinitro-2-Methylpheno	20854	68513	122300	231900	320880	454830	LINR	0.10306146	6.86197487		0.99654	0.99000	
N-Nitrosodiphenylamine	0.587	0.610	0.546	0.493	0.497	0.486	AVRG		0.53669838		9.933	15.000	
4-Bromophenyl-phenylether	0.229	0.224	0.204	0.176	0.180	0.181	AVRG		0.19898019		11.706	15.000	
Hexachlorobenzene	0.293	0.274	0.249	0.220	0.225	0.215	AVRG		0.24594310		12.965	15.000	
Pentachlorophenol	0.112	0.146	0.143	0.147	0.149	0.146	AVRG		0.14035424		10.103	15.000	
Carbazole	0.869	0.873	0.844	0.811	0.759	0.769	AVRG		0.82090332		6.006	15.000	
Di-n-butylphthalate	1.178	1.202	1.208	1.052	0.990	0.990	AVRG		1.10337703		9.453	15.000	
Butylbenzylphthalate	0.468	0.511	0.512	0.483	0.502	0.528	AVRG		0.50101360		4.353	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2
3,3'-Dichlorobenzidine	0.213	0.256	0.269	0.274	0.284	0.287	AVRG		0.26368604		10.292	15.000
bis(2-Ethylhexyl)phthalat	0.564	0.594	0.670	0.595	0.628	0.678	AVRG		0.62159753		7.298	15.000
Di-n-octylphthalate	1.017	1.307	1.460	1.492	1.472	1.538	AVRG		1.38096089		14.088	15.000
2-Fluorophenol	1.241	1.212	1.166	1.007	0.935	0.946	AVRG		1.08439894		12.692	15.000
Phenol-D6	1.496	1.519	1.452	1.247	1.234	1.216	AVRG		1.36073544		10.455	15.000
Nitrobenzene-D5	0.306	0.320	0.333	0.306	0.293	0.307	AVRG		0.31090830		4.389	15.000
2-Fluorobiphenyl	1.203	1.097	1.054	0.982	0.964	0.919	AVRG		1.03656811		9.995	15.000
2,4,6-Tribromophenol	0.199	0.224	0.219	0.222	0.200	0.221	AVRG		0.21441239		5.343	15.000
Terphenyl-D14	0.702	0.787	0.728	0.717	0.714	0.734	AVRG		0.73021635		4.125	15.000

Average %RSD test result.

Calculate Average %RSD: 10.53704834
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD714 DFTPP Injection Date: 01/11/06

Instrument ID: GCMS-K DFTPP Injection Time: 0925

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	58.4
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	8.0
275	10.0 - 30.0% of mass 198	22.4
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	3.5 (23.7)2
442	40.0 - 100.0% of mass 198	78.1
443	17.0 - 23.0% of mass 442	14.8 (18.9)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0111	K1248	01/11/06	0955
02	PEN45SB2502	WV6482-12RA	K1260	01/11/06	1938
03	PEN45SB2501	WV6482-11RA	K1261	01/11/06	2026
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/11/06 Time: 0955

Lab File ID: K1248 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	55.598000	50.000000	1.6791000	0.01	11.20	20.00	2RDR
Bis(2-Chloroethyl)ether	58.642000	50.000000	1.2307000	0.01	17.28	100.00	LINR
2-Chlorophenol	60.589000	50.000000	1.0999000	0.01	21.18	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2665000	1.2665000	0.01	4.67	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.2341000	1.2341000	0.01	6.48	20.00	AVRG
1,2-Dichlorobenzene	51.632000	50.000000	1.1019000	0.01	3.26	100.00	2RDR
2-Methylphenol	60.673000	50.000000	1.0701000	0.01	21.35	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.2957000	2.2957000	0.01	9.74	100.00	AVRG
N-Nitroso-di-n-propylamine	64.188000	50.000000	0.9240900	0.05	28.38	100.00	LINR
4-Methylphenol	60.673000	50.000000	1.0701000	0.01	21.35	100.00	LINR
Hexachloroethane	0.4600000	0.5297500	0.5297500	0.01	15.16	100.00	AVRG
Nitrobenzene	0.3160000	0.3199300	0.3199300	0.01	1.24	100.00	AVRG
Isophorone	0.5980000	0.6421000	0.6421000	0.01	7.37	100.00	AVRG
2-Nitrophenol	0.1860000	0.2004200	0.2004200	0.01	7.75	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3210700	0.3210700	0.01	6.31	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.4198500	0.4198500	0.01	6.02	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2610400	0.2610400	0.01	12.03	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2835200	0.2835200	0.01	4.24	100.00	AVRG
4-Chloroaniline	0.3320000	0.3539100	0.3539100	0.01	6.60	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1633200	0.1633200	0.01	6.05	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.3046400	0.3046400	0.01	14.10	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2463200	0.2463200	0.05	66.43	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3382100	0.3382100	0.01	1.87	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3541200	0.3541200	0.01	2.05	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3740600	0.3740600	0.01	3.90	100.00	AVRG
2-Nitroaniline	0.3310000	0.3243600	0.3243600	0.01	-2.01	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.1265000	1.1265000	0.01	6.78	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.3020100	0.3020100	0.01	8.25	100.00	AVRG
3-Nitroaniline	0.2870000	0.3053700	0.3053700	0.01	6.40	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/11/06 Time: 0955

Lab File ID: K1248 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	60.426000	50.000000	0.1754200	0.05	20.85	100.00	2RDR	
Dibenzofuran	1.2540000	1.2620000	1.2620000	0.01	0.64	100.00	AVRG	
4-Nitrophenol	53.467000	50.000000	0.1202800	0.05	6.93	100.00	LINR	
2,4-Dinitrotoluene	0.3480000	0.3865000	0.3865000	0.01	11.06	100.00	AVRG	
Diethylphthalate	1.0570000	1.1426000	1.1426000	0.01	8.10	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5140000	0.5322400	0.5322400	0.01	3.55	100.00	AVRG	
4-Nitroaniline	0.2760000	0.3029600	0.3029600	0.01	9.77	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	54.098000	50.000000	0.1456600	0.01	8.20	100.00	LINR	
N-Nitrosodiphenylamine	0.5360000	0.5643600	0.5643600	0.01	5.29	20.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2045600	0.2045600	0.01	2.79	100.00	AVRG	
Hexachlorobenzene	0.2460000	0.2497600	0.2497600	0.01	1.53	100.00	AVRG	
Pentachlorophenol	0.1400000	0.1613100	0.1613100	0.01	15.22	20.00	AVRG	
Carbazole	0.8210000	0.8696300	0.8696300	0.01	5.92	100.00	AVRG	
Di-n-butylphthalate	1.1030000	1.2512000	1.2512000	0.01	13.44	100.00	AVRG	
Butylbenzylphthalate	0.5010000	0.5687200	0.5687200	0.01	13.52	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2640000	0.2209300	0.2209300	0.01	-16.31	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6220000	0.7327800	0.7327800	0.01	17.81	100.00	AVRG	
Di-n-octylphthalate	1.3810000	1.9309000	1.9309000	0.01	39.82	20.00	AVRG	<-
2-Fluorophenol	1.0840000	1.2456000	1.2456000	0.01	14.91	100.00	AVRG	
Phenol-D6	1.3610000	1.4953000	1.4953000	0.01	9.87	100.00	AVRG	
Nitrobenzene-D5	0.3110000	0.3071700	0.3071700	0.01	-1.23	100.00	AVRG	
2-Fluorobiphenyl	1.0360000	0.9822700	0.9822700	0.01	-5.19	100.00	AVRG	
2,4,6-Tribromophenol	0.2140000	0.2284800	0.2284800	0.01	6.77	100.00	AVRG	
Terphenyl-D14	0.7300000	0.8585200	0.8585200	0.01	17.60	100.00	AVRG	

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: KD715 DFTPP Injection Date: 01/12/06

Instrument ID: GCMS-K DFTPP Injection Time: 1255

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	59.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	8.9
275	10.0 - 30.0% of mass 198	23.7
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	11.7 (90.6)2
442	40.0 - 100.0% of mass 198	71.2
443	17.0 - 23.0% of mass 442	13.0 (18.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0112	K1268	01/12/06	1317
02	WG24538-BLANK	WG24538-1	K1274	01/12/06	1807
03	WG24565-BLANK	WG24565-1	K1275	01/12/06	1854
04	PEN46SB2901	WV6482-1RE	K1276	01/12/06	1944
05	PEN46SB2902	WV6482-2RE	K1277	01/12/06	2031
06	PEN46SB3103	WV6482-10RE	K1278	01/12/06	2119
07	WG24538-LCS	WG24538-2	K1279	01/12/06	2208
08	WG24538-LCSD	WG24538-3	K1280	01/12/06	2256
09	WG24565-LCS	WG24565-2	K1281	01/12/06	2344
10					
11					
12					
13					
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15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/12/06 Time: 1317

Lab File ID: K1268 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	48.798000	50.000000	1.5138000	0.01	-2.40	20.00	2RDR
Bis(2-Chloroethyl)ether	54.828000	50.000000	1.1587000	0.01	9.66	100.00	LINR
2-Chlorophenol	56.887000	50.000000	1.0395000	0.01	13.77	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2730000	1.2730000	0.01	5.21	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.2268000	1.2268000	0.01	5.85	20.00	AVRG
1,2-Dichlorobenzene	51.538000	50.000000	1.1002000	0.01	3.08	100.00	2RDR
2-Methylphenol	55.078000	50.000000	0.9821500	0.01	10.16	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.1652000	2.1652000	0.01	3.50	100.00	AVRG
N-Nitroso-di-n-propylamine	55.219000	50.000000	0.8056200	0.05	10.44	100.00	LINR
4-Methylphenol	55.078000	50.000000	0.9821500	0.01	10.16	100.00	LINR
Hexachloroethane	0.4600000	0.5000200	0.5000200	0.01	8.70	100.00	AVRG
Nitrobenzene	0.3160000	0.3097500	0.3097500	0.01	-1.98	100.00	AVRG
Isophorone	0.5980000	0.6128300	0.6128300	0.01	2.48	100.00	AVRG
2-Nitrophenol	0.1860000	0.1896900	0.1896900	0.01	1.98	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3106700	0.3106700	0.01	2.87	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.4153900	0.4153900	0.01	4.90	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2561500	0.2561500	0.01	9.94	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2828300	0.2828300	0.01	3.98	100.00	AVRG
4-Chloroaniline	0.3320000	0.3455400	0.3455400	0.01	4.08	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1628900	0.1628900	0.01	5.77	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2785500	0.2785500	0.01	4.32	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2259400	0.2259400	0.05	52.66	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3091100	0.3091100	0.01	-6.89	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3390100	0.3390100	0.01	-2.30	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3369700	0.3369700	0.01	-6.40	100.00	AVRG
2-Nitroaniline	0.3310000	0.2830900	0.2830900	0.01	-14.47	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0468000	1.0468000	0.01	-0.78	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2787100	0.2787100	0.01	-0.10	100.00	AVRG
3-Nitroaniline	0.2870000	0.2585000	0.2585000	0.01	-9.93	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date: 01/12/06 Time: 1317

Lab File ID: K1268 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	47.046000	50.000000	0.1302400	0.05	-5.91	100.00	2RDR	
Dibenzofuran	1.2540000	1.1794000	1.1794000	0.01	-5.95	100.00	AVRG	
4-Nitrophenol	43.467000	50.000000	9.6e-002	0.05	-13.07	100.00	LINR	
2,4-Dinitrotoluene	0.3480000	0.3341500	0.3341500	0.01	-3.98	100.00	AVRG	
Diethylphthalate	1.0570000	1.0432000	1.0432000	0.01	-1.30	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5140000	0.5005200	0.5005200	0.01	-2.62	100.00	AVRG	
4-Nitroaniline	0.2760000	0.2365200	0.2365200	0.01	-14.30	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	46.684000	50.000000	0.1240500	0.01	-6.63	100.00	LINR	
N-Nitrosodiphenylamine	0.5360000	0.5494600	0.5494600	0.01	2.51	20.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2080400	0.2080400	0.01	4.54	100.00	AVRG	
Hexachlorobenzene	0.2460000	0.2374400	0.2374400	0.01	-3.48	100.00	AVRG	
Pentachlorophenol	0.1400000	0.1429600	0.1429600	0.01	2.11	20.00	AVRG	
Carbazole	0.8210000	0.7846200	0.7846200	0.01	-4.43	100.00	AVRG	
Di-n-butylphthalate	1.1030000	1.1904000	1.1904000	0.01	7.92	100.00	AVRG	
Butylbenzylphthalate	0.5010000	0.5226000	0.5226000	0.01	4.31	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2640000	0.2328900	0.2328900	0.01	-11.78	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6220000	0.6862200	0.6862200	0.01	10.32	100.00	AVRG	
Di-n-octylphthalate	1.3810000	1.8070000	1.8070000	0.01	30.85	20.00	AVRG	<-
2-Fluorophenol	1.0840000	1.1118000	1.1118000	0.01	2.56	100.00	AVRG	
Phenol-D6	1.3610000	1.3960000	1.3960000	0.01	2.57	100.00	AVRG	
Nitrobenzene-D5	0.3110000	0.3007900	0.3007900	0.01	-3.28	100.00	AVRG	
2-Fluorobiphenyl	1.0360000	0.9579400	0.9579400	0.01	-7.53	100.00	AVRG	
2,4,6-Tribromophenol	0.2140000	0.1910500	0.1910500	0.01	-10.72	100.00	AVRG	
Terphenyl-D14	0.7300000	0.7734600	0.7734600	0.01	5.95	100.00	AVRG	

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1201 Date Analyzed: 01/09/06

Instrument ID: GCMS-K Time Analyzed: 1335

		IS1(DCB) AREA #	IS1(DCB) RT #	IS2(NPT) AREA #	IS2(NPT) RT #	IS3(ANT) AREA #	IS3(ANT) RT #
12 HOUR STD		325541	9.96	1063688	12.78	577994	16.96
UPPER LIMIT		651082	10.46	2127376	13.28	1155988	17.46
LOWER LIMIT		162771	9.46	531844	12.28	288997	16.46
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	PEN45SB2501	WV6482-11	339224	9.95	1226568	12.77	678619	16.94
02	PEN45SB2502	WV6482-12	379495	9.96	1361972	12.77	742382	16.95
03	PEN45SB2503	WV6482-13	363918	9.96	1264848	12.77	712206	16.95
04								
05								
06								
07								
08								
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1201 Date Analyzed: 01/09/06

Instrument ID: GCMS-K Time Analyzed: 1335

		IS4(PHN) AREA	#	RT	#	IS5(CRY) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
12 HOUR STD		855998		20.54		650498		26.99		403819		30.23	
UPPER LIMIT		1711996		21.04		1300996		27.49		807638		30.73	
LOWER LIMIT		427999		20.04		325249		26.49		201910		29.73	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	PEN45SB2501	WV6482-11		927174		20.52		343258		26.98		160424	*	30.22	
02	PEN45SB2502	WV6482-12		1014061		20.53		341186		26.98		142308	*	30.22	
03	PEN45SB2503	WV6482-13		989129		20.53		448187		26.97		223826		30.22	
04															
05															
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1248 Date Analyzed: 01/11/06

Instrument ID: GCMS-K Time Analyzed: 0955

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
12 HOUR STD		324539		9.91		1159032		12.73		692795		16.90	
UPPER LIMIT		649078		10.41		2318064		13.23		1385590		17.40	
LOWER LIMIT		162270		9.41		579516		12.23		346398		16.40	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	PEN45SB2502	WV6482-12RA		347860		9.94		1253590		12.75		669094		16.93	
02	PEN45SB2501	WV6482-11RA		315030		9.94		1128539		12.76		623639		16.93	
03													
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20													

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1248 Date Analyzed: 01/11/06

Instrument ID: GCMS-K Time Analyzed: 0955

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		1149007	20.48	1063350	26.93	591813	30.16
UPPER LIMIT		2298014	20.98	2126700	27.43	1183626	30.66
LOWER LIMIT		574504	19.98	531675	26.43	295907	29.66
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	PEN45SB2502	WV6482-12RA	985501	20.50	498349*	26.94	220412*	30.19
02	PEN45SB2501	WV6482-11RA	927161	20.51	353915*	26.94	136435*	30.19
03								
04								
05								
06								
07								
08								
09								
10								
11								
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13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1268 Date Analyzed: 01/12/06

Instrument ID: GCMS-K Time Analyzed: 1317

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD		280537	9.94	914971	12.76	539499	16.94
UPPER LIMIT		561074	10.44	1829942	13.26	1078998	17.44
LOWER LIMIT		140269	9.44	457486	12.26	269750	16.44
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24538-BLANK	WG24538-1	368777	9.94	1337223	12.75	678004	16.92
02	WG24565-BLANK	WG24565-1	359771	9.94	1294491	12.75	680719	16.92
03	PEN46SB2901	WV6482-1RE	535644	10.05	1739679	12.81	745994	16.92
04	PEN46SB2902	WV6482-2RE	394393	9.95	1443073	12.76	747795	16.93
05	PEN46SB3103	WV6482-10RE	390971	9.93	1340974	12.75	363271	16.92
06	WG24538-LCS	WG24538-2	448656	9.94	1506648	12.76	914849	16.93
07	WG24538-LCSD	WG24538-3	386338	9.94	1322617	12.76	781752	16.92
08	WG24565-LCS	WG24565-2	361220	9.93	1263683	12.75	725852	16.92
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID (Standard): K1268 Date Analyzed: 01/12/06

Instrument ID: GCMS-K Time Analyzed: 1317

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
12 HOUR STD		844512		20.52		816245		26.96		492371		30.20	
UPPER LIMIT		1689024		21.02		1632490		27.46		984742		30.70	
LOWER LIMIT		422256		20.02		408123		26.46		246186		29.70	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24538-BLANK	WG24538-1		1052158	20.51		1177641	26.94		865246		30.19	
02	WG24565-BLANK	WG24565-1		993405	20.50		1046123	26.95		741551		30.20	
03	PEN46SB2901	WV6482-1RE		1203247	20.50		580532	26.95		28008	*	30.19	
04	PEN46SB2902	WV6482-2RE		1171114	20.51		1098331	26.94		703629		30.19	
05	PEN46SB3103	WV6482-10RE		871025	20.51		328471	*	26.94		678	*	30.18
06	WG24538-LCS	WG24538-2		1403903	20.51		1269369	26.96		657868		30.20	
07	WG24538-LCSD	WG24538-3		1242321	20.51		1153290	26.95		643476		30.19	
08	WG24565-LCS	WG24565-2		1148229	20.50		1125069	26.96		731737		30.20	
09													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT	JOB NUMBER		
NAS Pensacola	CTO 376		
SUBJECT	SVOA		
BASED ON	8270	DRAWING NUMBER	
BY	CHECKED BY	APPROVED BY	DATE
EWS			

PEN46SB3103

0,i-n-butylphthalate = 99.0 ug/kg

$$\frac{75,099 \times 40\,ng \times 1000\,ul}{927529 \times 1.136 \times 30g \times 1\,ul \times 0.956} = 99.4\,ug/kg$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/13/05
Analysis Date: 09-JAN-2006 00:37
Report Date: 01/13/2006
Matrix: SOIL
% Solids: 95.6

Lab ID: WV6482-10
Client ID: PEN46SB3103
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23807
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	96	1.0	330	340	96
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	340	34
95-57-8	2-Chlorophenol	U	94	1.0	330	340	94
541-73-1	1,3-Dichlorobenzene	U	55	1.0	330	340	55
106-46-7	1,4-Dichlorobenzene	U	26	1.0	330	340	26
95-50-1	1,2-Dichlorobenzene	U	45	1.0	330	340	45
95-48-7	2-Methylphenol	U	140	1.0	330	340	140
108-60-1	2,2'-Oxybis(1-chloropropane)	U	32	1.0	330	340	32
621-64-7	N-Nitroso-di-n-propylamine	U	59	1.0	330	340	59
106-44-5	4-Methylphenol	U	160	1.0	330	340	160
67-72-1	Hexachloroethane	U	64	1.0	330	340	64
98-95-3	Nitrobenzene	U	78	1.0	330	340	78
78-59-1	Isophorone	U	54	1.0	330	340	54
88-75-5	2-Nitrophenol	U	110	1.0	330	340	110
105-67-9	2,4-Dimethylphenol	U	120	1.0	330	340	120
111-91-1	Bis(2-Chloroethoxy)methane	U	55	1.0	330	340	55
120-83-2	2,4-Dichlorophenol	U	140	1.0	330	340	140
120-82-1	1,2,4-Trichlorobenzene	U	46	1.0	330	340	46
106-47-8	4-Chloroaniline	U	56	1.0	330	340	56
87-68-3	Hexachlorobutadiene	U	46	1.0	330	340	46
59-50-7	4-Chloro-3-Methylphenol	U	120	1.0	330	340	120
77-47-4	Hexachlorocyclopentadiene	U	78	1.0	330	340	78
88-06-2	2,4,6-Trichlorophenol	U	120	1.0	330	340	120
95-95-4	2,4,5-Trichlorophenol	U	190	1.0	820	860	190
91-58-7	2-Chloronaphthalene	U	50	1.0	330	340	50
88-74-4	2-Nitroaniline	U	78	1.0	820	860	78
131-11-3	Dimethyl Phthalate	U	65	1.0	330	340	65
606-20-2	2,6-Dinitrotoluene	U	81	1.0	330	340	81
99-09-2	3-Nitroaniline	U	75	1.0	820	860	75
51-28-5	2,4-Dinitrophenol	U	65	1.0	820	860	65
132-64-9	Dibenzofuran	U	65	1.0	330	340	65
100-02-7	4-Nitrophenol	U	160	1.0	820	860	160
121-14-2	2,4-Dinitrotoluene	U	100	1.0	330	340	100
84-66-2	Diethylphthalate	U	110	1.0	330	340	110
7005-72-3	4-Chlorophenyl-phenylether	U	52	1.0	330	340	52
100-01-6	4-Nitroaniline	U	72	1.0	820	860	72
534-52-1	4,6-Dinitro-2-Methylphenol	U	120	1.0	820	860	120
86-30-6	N-Nitrosodiphenylamine	U	75	1.0	330	340	75
101-55-3	4-Bromophenyl-phenylether	U	58	1.0	330	340	58
118-74-1	Hexachlorobenzene	U	240	1.0	330	340	240
87-86-5	Pentachlorophenol	U	150	1.0	820	860	150
86-74-8	Carbazole	U	63	1.0	330	340	63
84-74-2	Di-n-butylphthalate	I	99	1.0	330	340	88

Data File: \\Target_server\GG\chem\gcms-k.i\K010806.b\K1193.D
Report Date: 13-Jan-2006 16:35

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-k.i\K010806.b\K1193.D
Lab Smp Id: WV6482-10 Client Smp ID: PEN46SB3103
Inj Date : 09-JAN-2006 00:37 MS Autotune Date: 01-MAR-2004 10:18
Operator : JCG Inst ID: gcms-k.i
Smp Info : WV6482-10
Misc Info : SW846 8270C
Comment :
Method : \\Target_server\GG\chem\gcms-k.i\K010806.b\k8270C56.m
Meth Date : 09-Jan-2006 07:44 cgomez Quant Type: ISTD
Cal Date : 05-JAN-2006 18:59 Cal File: K1136.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: tetrat367001.sub
Target Version: 4.12
Processing Host: TARGET06

Concentration Formula: Amt * DF * 1000*(Vt/Ws*Vi)*(100/(100-M)) * CpndVariab

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Ws	0.03000	Weight of sample extracted (Kg)
Vi	1.000	Volume injected (uL)
M	4.409	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/Kg)
$ 7 2-Fluorophenol	112	7.515	7.383	(0.755)	370854	36.6282	1280(R)
$ 13 Phenol-D6	99	9.258	9.223	(0.930)	813669	63.5704	2220
* 18 1,4-Dichlorobenzene-D4	152	9.959	9.944	(1.000)	363079	40.0000	
$ 33 Nitrobenzene-D5	82	11.166	11.151	(0.874)	330565	31.6387	1100
* 44 Naphthalene-D8	136	12.772	12.757	(1.000)	1227407	40.0000	
$ 62 2-Fluorobiphenyl	172	15.381	15.376	(0.908)	724604	40.5113	1410
* 77 Acenaphthene-D10	164	16.939	16.934	(1.000)	649054	40.0000	
$ 100 2,4,6-Tribromophenol	330	18.857	18.842	(1.113)	54688	24.2324	845(R)
* 114 Phenanthrene-D10	188	20.521	20.516	(1.000)	927529	40.0000	
121 Di-n-butylphthalate	149	22.147	22.152	(1.079)	75099	2.84978	99.4(a)
$ 129 Terphenyl-D14	244	24.493	24.488	(0.909)	615645	48.5674	1690
* 140 Chrysene-D12	240	26.956	26.961	(1.000)	558611	40.0000	
* 150 Perylene-D12	264	30.208	30.193	(1.000)	239560	40.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-K Calibration Date(s): 01/05/06 01/05/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1448 1859

LAB FILE ID: RF10: K1136 RF25: K1135 RF50: K1131
RF100: K1134 RF125: K1133 RF150: K1132

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	209610	502180	1086700	1547100	2132600	2811500	2ORDR	3.525e-003	0.49194060	7.474e-002	0.99633	0.99000	
Bis(2-Chloroethyl)ether	162270	374120	809380	1223000	1663200	2174000	2ORDR	1.301e-002	0.65090419	0.11613916	0.99334	0.99000	
2-Chlorophenol	146390	338640	727540	1058100	1526800	2065400	LINR	-0.1367447	1.15129595		0.99480	0.99000	
1,3-Dichlorobenzene	162380	382020	918580	1366400	1826000	2374600	2ORDR	3.763e-002	0.55778476	0.10368250	0.99218	0.99000	
1,4-Dichlorobenzene	150400	365680	849410	1280700	1727500	2260100	2ORDR	3.125e-002	0.62143890	0.10661864	0.99326	0.99000	
1,2-Dichlorobenzene	146340	342770	747740	1072500	1454000	1886500	2ORDR	1.629e-002	0.66177977	0.18288574	0.99390	0.99000	
2-Methylphenol	1.308	1.255	0.914	0.919	0.865	0.752	AVRG		1.00211922		22.476	15.000	<
2,2'-Oxybis(1-chloropropa	2.804	2.584	1.973	2.067	1.883	1.637	AVRG		2.15787742		20.604	15.000	<
N-Nitroso-di-n-propylamin	106360	248460	524560	792250	1156800	1501200	LINR	-0.1252595	1.54643954		0.99151	0.99000	
4-Methylphenol	1.308	1.255	0.914	0.919	0.865	0.752	AVRG		1.00211922		22.476	15.000	<
Hexachloroethane	0.569	0.543	0.461	0.472	0.448	0.421	AVRG		0.48557860		11.906	15.000	
Nitrobenzene	0.382	0.381	0.313	0.308	0.301	0.288	AVRG		0.32889308		12.685	15.000	
Isophorone	0.726	0.725	0.586	0.606	0.599	0.601	AVRG		0.64053757		10.344	15.000	
2-Nitrophenol	0.205	0.232	0.200	0.209	0.204	0.205	AVRG		0.20918875		5.536	15.000	
2,4-Dimethylphenol	0.351	0.364	0.288	0.290	0.288	0.286	AVRG		0.31123665		11.592	15.000	
Bis(2-Chloroethoxy)methan	166700	411800	859080	1312900	1917000	2599500	LINR	-0.1026427	2.82119874		0.99725	0.99000	
2,4-Dichlorophenol	0.272	0.290	0.239	0.234	0.229	0.225	AVRG		0.24849963		10.727	15.000	
1,2,4-Trichlorobenzene	0.338	0.343	0.270	0.273	0.255	0.245	AVRG		0.28739683		14.724	15.000	
4-Chloroaniline	139400	361140	759040	1140200	1619700	1979900	2ORDR	2.889e-002	1.96700788	1.45366845	0.99401	0.99000	
Hexachlorobutadiene	0.169	0.163	0.140	0.141	0.138	0.135	AVRG		0.14766176		9.746	15.000	
4-Chloro-3-Methylphenol	0.280	0.315	0.242	0.246	0.261	0.259	AVRG		0.26722275		10.090	15.000	
Hexachlorocyclopentadiene	0.149	0.182	0.177	0.182	0.171	0.158	AVRG		0.16972379		8.031	15.000	
2,4,6-Trichlorophenol	0.368	0.393	0.335	0.356	0.351	0.332	AVRG		0.35571326		6.385	15.000	
2,4,5-Trichlorophenol	0.363	0.374	0.330	0.350	0.359	0.353	AVRG		0.35492678		4.171	15.000	
2-Chloronaphthalene	0.486	0.434	0.374	0.377	0.362	0.366	AVRG		0.39980074		12.474	15.000	
2-Nitroaniline	0.348	0.409	0.343	0.375	0.390	0.382	AVRG		0.37449673		6.689	15.000	
Dimethyl Phthalate	1.220	1.261	0.976	1.020	0.998	0.936	AVRG		1.06872467		12.803	15.000	
2,6-Dinitrotoluene	0.272	0.320	0.279	0.300	0.300	0.287	AVRG		0.29313437		5.834	15.000	
3-Nitroaniline	0.249	0.335	0.277	0.310	0.319	0.321	AVRG		0.30206294		10.683	15.000	
2,4-Dinitrophenol	12565	65761	194960	297310	561970	885330	2ORDR	5.577e-002	6.28069506	-2.3478206	0.99824	0.99000	
Dibenzofuran	1.509	1.489	1.163	1.212	1.113	0.972	AVRG		1.24295908		17.219	15.000	<
4-Nitrophenol	0.063	0.094	0.087	0.091	0.100	0.100	AVRG		8.901e-002		15.267	15.000	<
2,4-Dinitrotoluene	0.293	0.365	0.325	0.361	0.380	0.378	AVRG		0.35036745		9.778	15.000	
Diethylphthalate	1.161	1.229	0.943	1.027	1.029	0.944	AVRG		1.05568110		11.033	15.000	
4-Chlorophenyl-phenylethe	0.596	0.559	0.448	0.485	0.479	0.436	AVRG		0.50039750		12.700	15.000	
4-Nitroaniline	0.246	0.271	0.220	0.265	0.269	0.276	AVRG		0.25777225		8.326	15.000	
4,6-Dinitro-2-Methylpheno	21641	86631	219880	363270	618840	913000	LINR	8.825e-002	5.94368306		0.99846	0.99000	
N-Nitrosodiphenylamine	0.706	0.725	0.588	0.619	0.580	0.532	AVRG		0.62495887		12.072	15.000	
4-Bromophenyl-phenylether	0.224	0.225	0.192	0.192	0.184	0.186	AVRG		0.20059916		9.395	15.000	
Hexachlorobenzene	0.263	0.247	0.212	0.214	0.203	0.198	AVRG		0.22264406		11.700	15.000	
Pentachlorophenol	0.120	0.146	0.137	0.140	0.142	0.141	AVRG		0.13765087		6.772	15.000	
Carbazole	0.915	0.963	0.758	0.827	0.753	0.709	AVRG		0.82101010		12.175	15.000	
Di-n-butylphthalate	1.309	1.408	1.082	1.113	1.022	0.885	AVRG		1.13646459		16.845	15.000	<
Butylbenzylphthalate	0.605	0.673	0.633	0.682	0.715	0.705	AVRG		0.66887433		6.357	15.000	

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23876-BLANK	WG23876-1	47J	48J	62	70			2
02	WG23876-LCS	WG23876-2	59	64	76	84			0
03	WG23876-LCSD	WG23876-3	45J	50	72	79			1
04	PEN46SB2901	WV6482-1	57	73	65	78			0
05	PEN46SB2902	WV6482-2	59	68	65	79			0
06	PEN46SB2903	WV6482-3	51	60	72	82			0
07	PEN46SB3001	WV6482-4RA	89	86	98	98			0
08	PEN46SB3001D	WV6482-5	93	85	95	94			0
09	PEN46SB3002	WV6482-6	80	76	92	91			0
10	PEN46SB3003	WV6482-7	79	75	80	86			0
11	PEN46SB3102	WV6482-9	100	92	88	93			0
12	PEN46SB3103	WV6482-10	100	93	85	91			0
13	PEN45SB2502	WV6482-12	74	85	62	51			0
14	PEN46SB3101	WV6482-8	83	86	81	86			0
15	PEN45SB2503	WV6482-13	79	84	69	77			0
16	PEN45SB2501	WV6482-11DL	72	80	85	43			0
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (49-111)
S2 (DCB) = Decachlorobiphenyl (40-133)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23714-BLANK	WG23714-1	82	74	30J	27J			2
02	WG23714-LCS	WG23714-2	52	51	60	54			0
03	PEN46RB1202	WV6482-14	63	63	26J	22J			2
04									
05									
06									
07									
08									
09									
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11									
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26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)

S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values

J Values outside of QC limits

D Surrogate diluted out

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23714-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab Sample ID: WG23714-1 Lab File ID: 8WA1084

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/09/05

Date Analyzed (1): 01/06/06 Date Analyzed (2): 01/06/06

Time Analyzed (1): 1357 Time Analyzed (2): 1357

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23714-LCS	WG23714-2	8WA1085	01/06/06	01/06/06
02	PEN46RB1202	WV6482-14	8WA1088	01/06/06	01/06/06
03					
04					
05					
06					
07					
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23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 06-JAN-2006 13:57
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23714-1
Client ID: WG23714-Blank
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23714
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		82%				
2051-24-3	Decachlorobiphenyl		J 30%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 01/06/06
Report Date: 01/10/2006
Matrix: WATER

Lab ID: WG23714-2
Client ID: WG23714-LCS
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23714
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.46	92	43-114
gamma BHC	0.50	NA	0.49	99	43-117
Heptachlor	0.50	NA	0.43	86	37-109
beta-BHC	0.50	NA	0.51	101	48-121
Aldrin	0.50	NA	0.42	84	38-120
delta-BHC	0.50	NA	0.43	87	45-131
Heptachlor Epoxide	0.50	NA	0.49	97	43-127
Endosulfan I	0.50	NA	0.33	66	33-130
4,4'-DDE	0.50	NA	0.47	94	41-130
Dieldrin	0.50	NA	0.49	99	43-128
Endrin	0.50	NA	0.46	93	45-136
4,4'-DDD	0.50	NA	0.47	94	45-124
Endosulfan II	0.50	NA	0.30	61	47-128
4,4'-DDT	0.50	NA	0.45	90	36-141
Endrin Aldehyde	0.50	NA	0.45	89	31-155
Endosulfan sulfate	0.50	NA	0.43	86	43-132
Methoxychlor	0.50	NA	0.58	116	41-135
alpha-Chlordane	0.50	NA	0.47	93	38-131
gamma-Chlordane	0.50	NA	0.45	91	42-125
Endrin Ketone	0.50	NA	0.44	88	52-137

FORM III PEST-1

8WA1085.d

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23876-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab Sample ID: WG23876-1 Lab File ID: 8VL3113

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3550

Sulfur Cleanup: (Y/N) Y Date Extracted: 12/15/05

Date Analyzed (1): 12/30/05 Date Analyzed (2): 12/30/05

Time Analyzed (1): 1657 Time Analyzed (2): 1657

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23876-LCS	WG23876-2	8VL3114	12/30/05	12/30/05
02	WG23876-LCSD	WG23876-3	8VL3115	12/30/05	12/30/05
03	PEN46SB2901	WV6482-1	8VL3125	12/30/05	12/30/05
04	PEN46SB2902	WV6482-2	8VL3126	12/30/05	12/30/05
05	PEN46SB2903	WV6482-3	8VL3127	12/30/05	12/30/05
06	PEN46SB3001	WV6482-4RA	8WA1069	01/06/06	01/06/06
07	PEN46SB3001D	WV6482-5	8WA1070	01/06/06	01/06/06
08	PEN46SB3002	WV6482-6	8WA1071	01/06/06	01/06/06
09	PEN46SB3003	WV6482-7	8WA1072	01/06/06	01/06/06
10	PEN46SB3102	WV6482-9	8WA1074	01/06/06	01/06/06
11	PEN46SB3103	WV6482-10	8WA1075	01/06/06	01/06/06
12	PEN45SB2502	WV6482-12	8WA1077	01/06/06	01/06/06
13	PEN46SB3101	WV6482-8	8WA1127	01/09/06	01/09/06
14	PEN45SB2503	WV6482-13	8WA1128	01/09/06	01/09/06
15	PEN45SB2501	WV6482-11DL	8WA1129	01/09/06	01/09/06
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 16:57
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23876-1
Client ID: WG23876-Blank
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.83	1.0	1.7	1.7	0.83
319-84-6	alpha-BHC	U	1.0	1.0	1.7	1.7	1.0
58-89-9	gamma BHC	U	0.43	1.0	1.7	1.7	0.43
319-85-7	beta-BHC	U	0.60	1.0	1.7	1.7	0.60
319-86-8	delta-BHC	U	0.97	1.0	1.7	1.7	0.97
76-44-8	Heptachlor	U	0.67	1.0	1.7	1.7	0.67
309-00-2	Aldrin	U	0.53	1.0	1.7	1.7	0.53
1024-57-3	Heptachlor Epoxide	U	0.63	1.0	1.7	1.7	0.63
5103-74-2	gamma-Chlordane	U	0.47	1.0	1.7	1.7	0.47
5103-71-9	alpha-Chlordane	U	0.47	1.0	1.7	1.7	0.47
72-55-9	4,4'-DDE	U	0.50	1.0	3.3	3.3	0.50
50-29-3	4,4'-DDT	U	0.67	1.0	3.3	3.3	0.67
60-57-1	Dieldrin	U	0.37	1.0	3.3	3.3	0.37
8001-35-2	Toxaphene	U	17	1.0	33	33	17
72-20-8	Endrin	U	0.90	1.0	3.3	3.3	0.90
72-54-8	4,4'-DDD	U	0.43	1.0	3.3	3.3	0.43
33213-65-9	Endosulfan II	U	0.97	1.0	3.3	3.3	0.97
7421-36-3	Endrin Aldehyde	U	1.2	1.0	3.3	3.3	1.2
72-43-5	Methoxychlor	U	1.2	1.0	17	17	1.2
1031-07-8	Endosulfan sulfate	U	0.63	1.0	3.3	3.3	0.63
53494-70-5	Endrin Ketone	U	0.67	1.0	3.3	3.3	0.67
877-09-8	Tetrachloro-m-Xylene		J 48%				
2051-24-3	Decachlorobiphenyl		70%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 12/30/05
Report Date: 01/10/2006
Matrix: SOIL

Lab ID: WG23876-2 & WG23876-3
Client ID: WG23876-LCS & WG23876-LCSD
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
alpha-BHC	17	17	NA	12	10	73	61	18	50	54-111
gamma BHC	17	17	NA	13	12	77	70	11	50	58-109
Heptachlor	17	17	NA	13	11	80	67	18	50	55-117
beta-BHC	17	17	NA	14	12	84	75	11	50	59-119
Aldrin	17	17	NA	14	12	81	69	16	50	58-122
delta-BHC	17	17	NA	15	14	90	85	6	50	32-140
Heptachlor Epoxide	17	17	NA	14	13	81	76	7	50	62-117
Endosulfan I	17	17	NA	9.1	8.2	55	49	11	50	42-111
4,4'-DDE	17	17	NA	15	14	88	82	8	50	59-126
Dieldrin	17	17	NA	14	13	85	77	10	50	65-117
Endrin	17	17	NA	14	13	87	80	8	50	69-123
4,4'-DDD	17	17	NA	15	14	88	85	3	50	68-118
Endosulfan II	17	17	NA	8.9	8.9	* 53	53	0.1	50	61-115
4,4'-DDT	17	17	NA	14	14	85	83	2	50	50-157
Endrin Aldehyde	17	17	NA	11	11	65	67	2	50	34-163
Endosulfan sulfate	17	17	NA	15	15	91	91	0.0	50	37-154
Methoxychlor	17	17	NA	16	16	97	95	2	50	65-143
alpha-Chlordane	17	17	NA	14	13	81	78	4	50	62-113
gamma-Chlordane	17	17	NA	14	13	82	77	6	50	64-112
Endrin Ketone	17	17	NA	15	14	90	86	4	50	60-163

FORM III PEST-2

8VL3114.d & 8VL3115.d

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date(s): 09/08/05 12/19/05

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1809 1534

LAB FILE ID: RF0.005: 8VJ1028 RF0.01: 8VJ1029 RF0.025: 8VJ1030
RF0.05: 8VJ1027 RF0.1: 8VJ1031 RF0.25: 8VJ1032

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	29119	54551	122760	243740	399810	823480	2ORDR	-6.77e-004	1.882e-007	1.416e-013	0.99955	0.99000
alpha-BHC	38158	79333	161180	344900	535770	966300	2ORDR	1.629e-003	9.007e-008	1.727e-013	0.99932	0.99000
gamma BHC	37234	71965	161620	328400	525300	971480	2ORDR	1.116e-003	1.056e-007	1.549e-013	0.99967	0.99000
beta-BHC	18858	35630	75747	147080	246740	529380	2ORDR	-1.52e-003	3.33e-007	2.698e-013	0.99953	0.99000
delta-BHC	32416	58911	141200	307500	484200	971240	2ORDR	5.127e-004	1.408e-007	1.198e-013	0.99911	0.99000
Heptachlor	38581	71221	152540	306890	488510	961910	2ORDR	-3.53e-004	1.374e-007	1.281e-013	0.99949	0.99000
Aldrin	32234	61076	134240	285040	442710	923610	2ORDR	-6.2e-004	1.664e-007	1.142e-013	0.99875	0.99000
Heptachlor Epoxide	30727	55109	125680	247080	409860	854400	2ORDR	-8.69e-004	1.893e-007	1.226e-013	0.99959	0.99000
gamma-Chlordane	29412	55773	119110	247660	397410	837740	2ORDR	-9.15e-004	1.944e-007	1.261e-013	0.99915	0.99000
alpha-Chlordane	29112	52047	119060	232600	387700	818390	2ORDR	-1.04e-003	2.049e-007	1.25e-013	0.99957	0.99000
4,4'-DDE	27363	51340	114330	245520	382270	812680	2ORDR	-6.88e-004	1.992e-007	1.352e-013	0.99864	0.99000
4,4'-DDT	19726	37661	83826	180880	296840	654470	2ORDR	-7.01e-004	2.8e-007	1.584e-013	0.99914	0.99000
Dieldrin	26540	48515	116710	233790	392770	819860	2ORDR	-3.33e-004	1.981e-007	1.312e-013	0.99967	0.99000
Toxaphene	2048	4122	7753	14790	38096	132060	2ORDR	7.268e-004	6.243e-005	1.005e-010	0.99994	0.99000
(2)	3860	8140	15351	27946	69943	230800	2ORDR	-8.61e-003	3.301e-005	4.484e-011	0.99995	0.99000
(3)	4045	8489	16092	29396	74254	244920	2ORDR	-4.68e-003	3.108e-005	3.985e-011	0.99994	0.99000
(4)	5200	11424	22046	40653	102130	333940	2ORDR	3.103e-004	2.238e-005	2.263e-011	0.99995	0.99000
(5)	5313	11724	22968	42487	107250	350820	2ORDR	3.902e-003	2.13e-005	2.05e-011	0.99995	0.99000
(6)	4335	9686	19160	35953	93824	320220	2ORDR	1.172e-002	2.502e-005	1.925e-011	0.99993	0.99000
(7)	6180	14192	28280	53186	135260	445330	2ORDR	1.11e-002	1.692e-005	1.238e-011	0.99995	0.99000
(8)	3905	8878	18059	34918	96229	344710	2ORDR	3.027e-002	2.498e-005	1.142e-011	0.99986	0.99000
(9)	4040	9125	18438	35413	94410	326100	2ORDR	2.29e-002	2.498e-005	1.72e-011	0.99990	0.99000
(10)	3500	7693	15157	28376	76901	271380	2ORDR	1.752e-002	3.116e-005	2.07e-011	0.99988	0.99000
Endrin	23504	45842	100090	213770	342590	719170	2ORDR	-4.57e-004	2.225e-007	1.756e-013	0.99913	0.99000
4,4'-DDD	18729	34302	84213	174360	295090	642940	2ORDR	-3.6e-004	2.811e-007	1.692e-013	0.99954	0.99000
Endosulfan II	23078	43058	91642	196610	303800	650580	2ORDR	-1.06e-003	2.534e-007	2.049e-013	0.99846	0.99000
Endrin Aldehyde	17025	30662	69922	146770	234890	509240	2ORDR	-9.33e-004	3.412e-007	2.994e-013	0.99894	0.99000
Methoxychlor	10075	18680	40077	86805	136330	294380	2ORDR	-9.52e-004	5.782e-007	9.372e-013	0.99866	0.99000
Endosulfan sulfate	14666	27569	61260	129430	221450	488860	2ORDR	-6.53e-004	3.857e-007	2.61e-013	0.99957	0.99000
Endrin Ketone	16836	31009	72557	151370	248880	537840	2ORDR	-6.18e-004	3.252e-007	2.631e-013	0.99929	0.99000
Tetrachloro-m-Xylene	31374	55893	123700	242430	392470	824630	2ORDR	-1.33e-003	1.977e-007	1.306e-013	0.99930	0.99000
Decachlorobiphenyl	15582	29191	60719	116440	186650	395490	2ORDR	-1.95e-003	4.206e-007	5.507e-013	0.99910	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date(s): 09/08/05 12/19/05

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1809 1534

LAB FILE ID: RF0.005: 8VJ2028 RF0.01: 8VJ2029 RF0.025: 8VJ2030
RF0.05: 8VK2004 RF0.1: 8VJ2031 RF0.25: 8VJ2032

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	17608	35943	84262	175620	303710	692780	2ORDR	-5.9e-004	2.913e-007	1.022e-013	0.99955	0.99000
alpha-BHC	22551	48143	121950	266920	460830	970050	2ORDR	9.49e-004	1.712e-007	8.831e-014	0.99968	0.99000
gamma BHC	21840	43630	114260	242990	426860	952390	2ORDR	3.342e-004	2.019e-007	6.352e-014	0.99969	0.99000
beta-BHC	12089	23826	54377	111270	193950	442010	2ORDR	-8.78e-004	4.597e-007	2.454e-013	0.99962	0.99000
delta-BHC	16902	36334	90240	207300	359210	842050	2ORDR	3.868e-004	2.497e-007	5.581e-014	0.99935	0.99000
Heptachlor	24481	45868	110540	237070	401430	888680	2ORDR	-2.43e-004	2.105e-007	8.031e-014	0.99945	0.99000
Aldrin	18698	39201	99403	204920	374180	843380	2ORDR	2.318e-004	2.377e-007	6.949e-014	0.99989	0.99000
Heptachlor Epoxide	19287	39095	92941	189150	334430	753300	2ORDR	-4.69e-004	2.64e-007	9.138e-014	0.99976	0.99000
gamma-Chlordane	18655	37504	88943	184790	323520	742320	2ORDR	-5.43e-004	2.766e-007	8.246e-014	0.99963	0.99000
alpha-Chlordane	18647	37631	86707	182820	308910	704090	2ORDR	-7.53e-004	2.833e-007	1.042e-013	0.99933	0.99000
4,4'-DDE	17548	35404	82320	178810	304790	696180	2ORDR	-3.95e-004	2.881e-007	1.034e-013	0.99938	0.99000
4,4'-DDT	9942	20243	51426	114110	212330	503400	2ORDR	6.006e-004	4.4e-007	1.103e-013	0.99982	0.99000
Dieldrin	15253	30986	76118	169060	299190	686720	2ORDR	2.913e-004	2.982e-007	9.567e-014	0.99963	0.99000
Toxaphene	1820	3961	7709	15291	38826	145880	2ORDR	1.362e-003	6.326e-005	3.621e-011	0.99999	0.99000
(2)	3067	6982	13730	26657	66708	227650	2ORDR	6.04e-003	3.504e-005	3.892e-011	0.99998	0.99000
(3)	3531	7826	15378	29804	75154	254950	2ORDR	7.777e-003	3.102e-005	3.204e-011	0.99997	0.99000
(4)	6689	15851	31807	61254	150040	490910	2ORDR	7.392e-003	1.51e-005	1.07e-011	0.99999	0.99000
(5)	4447	10517	21622	43304	114230	397100	2ORDR	2.919e-002	2.061e-005	1.131e-011	0.99992	0.99000
(6)	3202	7442	15307	30985	84712	309680	2ORDR	3.534e-002	2.853e-005	1.177e-011	0.99989	0.99000
(7)	2589	6219	12757	25733	71967	270320	2ORDR	3.925e-002	3.398e-005	1.058e-011	0.99986	0.99000
(8)	3847	10051	21247	43006	114350	400410	2ORDR	3.688e-002	2.06e-005	1.069e-011	0.99992	0.99000
(9)	2284	6204	13665	28825	83394	318010	2ORDR	6.159e-002	2.927e-005	6.21e-012	0.99979	0.99000
(10)	1774	5076	11102	22806	63946	244580	2ORDR	4.966e-002	3.827e-005	9.83e-012	0.99987	0.99000
Endrin	13176	26387	64339	145420	257760	592490	2ORDR	3.895e-004	3.467e-007	1.264e-013	0.99960	0.99000
4,4'-DDD	9406	19051	47753	112130	202660	480250	2ORDR	7.701e-004	4.543e-007	1.351e-013	0.99958	0.99000
Endosulfan II	13418	27049	63298	134870	234120	540880	2ORDR	-4.95e-004	3.831e-007	1.489e-013	0.99952	0.99000
Endrin Aldehyde	10673	20301	47296	100620	175200	401630	2ORDR	-5.43e-004	5.1e-007	2.848e-013	0.99958	0.99000
Methoxychlor	5723	11122	26391	56759	98415	228510	2ORDR	-4.56e-004	9.147e-007	7.985e-013	0.99949	0.99000
Endosulfan sulfate	9022	17643	42990	94829	169200	404850	2ORDR	-8.96e-005	5.504e-007	1.674e-013	0.99960	0.99000
Endrin Ketone	9175	18494	46374	101340	184820	431530	2ORDR	3.417e-004	4.966e-007	1.906e-013	0.99978	0.99000
Tetrachloro-m-Xylene	19993	35778	84661	176000	289780	634020	2ORDR	-7.69e-004	2.844e-007	1.762e-013	0.99925	0.99000
Decachlorobiphenyl	14070	27673	60033	114180	197090	423190	2ORDR	-1.32e-003	4.231e-007	4.052e-013	0.99974	0.99000

FORM VI SV

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :12/19/05
Time Analyzed :1130

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8VL1172.d	3.70	4.14

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :12/19/05
Time Analyzed :1130

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8VL2172.d	3.24	3.21

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/19/05 Time: 1602

Lab File ID: 8VL1179 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	5.27e-002	5.e-002	4660200.0	0.01	5.40	15.00	2RDR
gamma BHC	4.62e-002	5.e-002	5946100.0	0.01	-7.60	15.00	2RDR
beta-BHC	5.e-002	5.e-002	2778700.0	0.01	0.00	15.00	2RDR
delta-BHC	5.e-002	5.e-002	5665200.0	0.01	0.00	15.00	2RDR
Heptachlor	4.77e-002	5.e-002	5555000.0	0.01	-4.60	15.00	2RDR
Aldrin	4.81e-002	5.e-002	4995100.0	0.01	-3.80	15.00	2RDR
Heptachlor Epoxide	5.02e-002	5.e-002	4689600.0	0.01	0.40	15.00	2RDR
gamma-Chlordane	4.91e-002	5.e-002	4490800.0	0.01	-1.80	15.00	2RDR
alpha-Chlordane	5.08e-002	5.e-002	4453000.0	0.01	1.60	15.00	2RDR
4,4'-DDE	4.87e-002	5.e-002	4273300.0	0.01	-2.60	15.00	2RDR
alpha-BHC	4.56e-002	5.e-002	6143900.0	0.01	-8.80	15.00	2RDR
Dieldrin	5.06e-002	5.e-002	4474200.0	0.01	1.20	15.00	2RDR
Endrin	4.89e-002	5.e-002	3852900.0	0.01	-2.20	15.00	2RDR
4,4'-DDD	4.94e-002	5.e-002	3227000.0	0.01	-1.20	15.00	2RDR
Endosulfan II	5.01e-002	5.e-002	3533700.0	0.01	0.20	15.00	2RDR
4,4'-DDT	4.88e-002	5.e-002	3238500.0	0.01	-2.40	15.00	2RDR
Endrin Aldehyde	5.32e-002	5.e-002	2821900.0	0.01	6.40	15.00	2RDR
Methoxychlor	4.97e-002	5.e-002	1555000.0	0.01	-0.60	15.00	2RDR
Endosulfan sulfate	5.06e-002	5.e-002	2453300.0	0.01	1.20	15.00	2RDR
Endrin Ketone	5.03e-002	5.e-002	2813300.0	0.01	0.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/19/05 Time: 1602

Lab File ID: 8VL2179 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.99e-002	5.e-002	3298300.0	0.01	-0.20	15.00	2RDR
gamma BHC	5.07e-002	5.e-002	4652700.0	0.01	1.40	15.00	2RDR
beta-BHC	5.15e-002	5.e-002	2153000.0	0.01	3.00	15.00	2RDR
delta-BHC	5.21e-002	5.e-002	3967300.0	0.01	4.20	15.00	2RDR
Heptachlor	4.97e-002	5.e-002	4381700.0	0.01	-0.60	15.00	2RDR
Aldrin	5.2e-002	5.e-002	4108600.0	0.01	4.00	15.00	2RDR
Heptachlor Epoxide	5.13e-002	5.e-002	3686700.0	0.01	2.60	15.00	2RDR
gamma-Chlordane	5.e-002	5.e-002	3476100.0	0.01	0.00	15.00	2RDR
alpha-Chlordane	5.08e-002	5.e-002	3424800.0	0.01	1.60	15.00	2RDR
Endosulfan I	5.17e-002	5.e-002	3387200.0	0.01	3.40	15.00	2RDR
alpha-BHC	4.93e-002	5.e-002	5004700.0	0.01	-1.40	15.00	2RDR
Dieldrin	4.98e-002	5.e-002	3163000.0	0.01	-0.40	15.00	2RDR
Endrin	4.86e-002	5.e-002	2651700.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.9e-002	5.e-002	2062000.0	0.01	-2.00	15.00	2RDR
Endosulfan II	5.17e-002	5.e-002	2595400.0	0.01	3.40	15.00	2RDR
4,4'-DDT	5.03e-002	5.e-002	2197900.0	0.01	0.60	15.00	2RDR
Endrin Aldehyde	5.4e-002	5.e-002	2025400.0	0.01	8.00	15.00	2RDR
Endosulfan sulfate	5.01e-002	5.e-002	1776400.0	0.01	0.20	15.00	2RDR
Methoxychlor	5.05e-002	5.e-002	1064100.0	0.01	1.00	15.00	2RDR
Endrin Ketone	5.12e-002	5.e-002	1972100.0	0.01	2.40	15.00	2RDR

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1024 RF0.1: 8WA1028 RF0.25: 8WA1029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	22228	43609	106520	198360	353540	744480	2ORDR	-4.48e-004	2.309e-007	1.42e-013	0.99994	0.99000
alpha-BHC	29785	59541	146500	286840	489990	974730	2ORDR	4.38e-004	1.461e-007	1.129e-013	0.99991	0.99000
gamma BHC	27377	53464	132440	254060	433680	928760	2ORDR	-6.39e-004	1.878e-007	8.872e-014	0.99968	0.99000
beta-BHC	14139	26333	62794	118040	204540	450470	2ORDR	-1.28e-003	4.195e-007	3.086e-013	0.99966	0.99000
delta-BHC	25068	49515	123130	259860	412230	871120	2ORDR	-7.64e-005	1.832e-007	1.198e-013	0.99895	0.99000
Heptachlor	28634	54102	126990	254970	409720	845710	2ORDR	-5.01e-004	1.806e-007	1.373e-013	0.99932	0.99000
Aldrin	23776	46708	115630	216100	388600	825670	2ORDR	-3.8e-004	2.135e-007	1.089e-013	0.99995	0.99000
Heptachlor Epoxide	23098	44284	105730	190900	346620	733060	2ORDR	-7.68e-004	2.404e-007	1.39e-013	0.99994	0.99000
gamma-Chlordane	21464	40946	98213	186410	327700	700530	2ORDR	-6.93e-004	2.533e-007	1.498e-013	0.99986	0.99000
alpha-Chlordane	22006	41787	99296	179380	325660	695420	2ORDR	-9.14e-004	2.595e-007	1.46e-013	0.99993	0.99000
4,4'-DDE	19742	39083	98208	189840	334420	710690	2ORDR	-1.73e-004	2.447e-007	1.513e-013	0.99989	0.99000
4,4'-DDT	14319	28507	72534	145080	256630	560630	2ORDR	-6.41e-005	3.306e-007	2.065e-013	0.99983	0.99000
Dieldrin	19012	37351	93069	181880	318470	688250	2ORDR	-3.49e-004	2.623e-007	1.479e-013	0.99982	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	18043	35093	87904	169620	299980	630470	2ORDR	-8.07e-005	2.693e-007	2.024e-013	0.99993	0.99000
4,4'-DDD	13256	26511	67396	140410	241630	539780	2ORDR	-1.21e-004	3.548e-007	2.021e-013	0.99956	0.99000
Endosulfan II	16755	32663	79485	150100	267950	577520	2ORDR	-5.94e-004	3.151e-007	2.063e-013	0.99990	0.99000
Endrin Aldehyde	13434	25164	61674	110070	209470	458740	2ORDR	-7.28e-004	4.244e-007	2.665e-013	0.99993	0.99000
Methoxychlor	7530	15128	36444	73102	122470	271200	2ORDR	-7.98e-004	6.874e-007	8.805e-013	0.99937	0.99000
Endosulfan sulfate	11936	23987	58837	117820	203380	458370	2ORDR	-6.74e-004	4.287e-007	2.593e-013	0.99957	0.99000
Endrin Ketone	13188	26539	65967	129890	224140	492680	2ORDR	-5.3e-004	3.775e-007	2.67e-013	0.99966	0.99000
Tetrachloro-m-Xylene	22732	42424	99257	194320	317880	684410	2ORDR	-1.17e-003	2.532e-007	1.672e-013	0.99927	0.99000
Decachlorobiphenyl	12701	23487	52993	90650	161710	345440	2ORDR	-1.91e-003	5.222e-007	6.017e-013	0.99972	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15334	29837	77219	155080	283880	639850	2ORDR	6.285e-006	3.144e-007	1.196e-013	0.99991	0.99000
alpha-BHC	18107	38987	111430	238050	427390	949290	2ORDR	9.921e-004	2.008e-007	6.495e-014	0.99977	0.99000
gamma BHC	16760	34979	97750	209390	373210	830890	2ORDR	8.233e-004	2.303e-007	8.396e-014	0.99974	0.99000
beta-BHC	9796	19189	49374	97108	177360	400550	2ORDR	-2.21e-004	5.045e-007	3.011e-013	0.99990	0.99000
delta-BHC	16442	33551	96862	195140	380300	862200	2ORDR	1.019e-003	2.393e-007	5.731e-014	0.99996	0.99000
Heptachlor	21077	40921	105800	200330	382770	853990	2ORDR	-3.73e-005	2.354e-007	6.722e-014	0.99999	0.99000
Aldrin	16097	32173	87330	182580	334340	773120	2ORDR	3.817e-004	2.718e-007	6.624e-014	0.99984	0.99000
Heptachlor Epoxide	16398	32426	84321	167800	312030	698480	2ORDR	1.643e-004	2.857e-007	1.032e-013	0.99996	0.99000
gamma-Chlordane	15786	30938	81055	159700	301740	681550	2ORDR	1.647e-004	3.001e-007	9.76e-014	0.99998	0.99000
alpha-Chlordane	16485	31967	81491	155650	298610	674670	2ORDR	-9.49e-005	3.064e-007	9.54e-014	0.99999	0.99000
4,4'-DDE	15081	29491	76269	155380	285630	660870	2ORDR	-3.61e-005	3.208e-007	8.738e-014	0.99988	0.99000
4,4'-DDT	8527	17140	48439	103390	199320	474480	2ORDR	9.505e-004	4.739e-007	1.076e-013	0.99992	0.99000
Dieldrin	13151	26487	71420	142650	283720	661730	2ORDR	6.689e-004	3.331e-007	6.59e-014	0.99998	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	11396	23300	64987	128290	258220	599870	2ORDR	8.637e-004	3.653e-007	8.318e-014	0.99995	0.99000
4,4'-DDD	7788	16439	46008	94988	194300	466270	2ORDR	1.217e-003	4.981e-007	7.549e-014	0.99992	0.99000
Endosulfan II	10873	21774	58392	113060	221550	508240	2ORDR	3.636e-004	4.195e-007	1.409e-013	0.99999	0.99000
Endrin Aldehyde	9247	18053	44919	89341	165660	391080	2ORDR	-4.88e-004	5.674e-007	1.878e-013	0.99989	0.99000
Methoxychlor	4968	10128	24906	51930	94374	217260	2ORDR	-4.83e-005	9.631e-007	8.678e-013	0.99984	0.99000
Endosulfan sulfate	8931	17746	45840	94430	175300	409980	2ORDR	8.423e-005	5.291e-007	1.97e-013	0.99990	0.99000
Endrin Ketone	8488	17292	46261	97504	180930	419920	2ORDR	5.005e-004	5.066e-007	2.09e-013	0.99988	0.99000
Tetrachloro-m-Xylene	15963	30767	75773	153370	257720	564430	2ORDR	-5.58e-004	3.224e-007	2.164e-013	0.99946	0.99000
Decachlorobiphenyl	12854	25399	57905	106950	187600	405430	2ORDR	-1.27e-003	4.505e-007	4.192e-013	0.99978	0.99000

FORM VI SV

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1010.d	1.65	1.05

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2010.d	1.23	0.47

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA1017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	4.88e-002	5.e-002	3814400.0	0.01	-2.40	15.00	2RDR
gamma BHC	4.73e-002	5.e-002	4605900.0	0.01	-5.40	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	2165300.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.96e-002	5.e-002	4697800.0	0.01	-0.80	15.00	2RDR
Heptachlor	4.74e-002	5.e-002	4528900.0	0.01	-5.20	15.00	2RDR
Aldrin	4.82e-002	5.e-002	4121000.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	4.86e-002	5.e-002	3707000.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	5.03e-002	5.e-002	3633100.0	0.01	0.60	15.00	2RDR
alpha-Chlordane	4.96e-002	5.e-002	3541600.0	0.01	-0.80	15.00	2RDR
4,4'-DDE	4.84e-002	5.e-002	3571300.0	0.01	-3.20	15.00	2RDR
alpha-BHC	4.64e-002	5.e-002	5230400.0	0.01	-7.20	15.00	2RDR
Dieldrin	4.69e-002	5.e-002	3297900.0	0.01	-6.20	15.00	2RDR
Endrin	4.9e-002	5.e-002	3246000.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	4.67e-002	5.e-002	2465700.0	0.01	-6.60	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2845200.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.79e-002	5.e-002	2676600.0	0.01	-4.20	15.00	2RDR
Endrin Aldehyde	5.2e-002	5.e-002	2315700.0	0.01	4.00	15.00	2RDR
Methoxychlor	4.82e-002	5.e-002	1315900.0	0.01	-3.60	15.00	2RDR
Endosulfan sulfate	4.81e-002	5.e-002	2139000.0	0.01	-3.80	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	2494000.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA2017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.71e-002	5.e-002	2828500.0	0.01	-5.80	15.00	2RDR
gamma BHC	4.81e-002	5.e-002	3835800.0	0.01	-3.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1804700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.93e-002	5.e-002	3860400.0	0.01	-1.40	15.00	2RDR
Heptachlor	4.72e-002	5.e-002	3803700.0	0.01	-5.60	15.00	2RDR
Aldrin	4.71e-002	5.e-002	3306100.0	0.01	-5.80	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3143400.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.88e-002	5.e-002	3088800.0	0.01	-2.40	15.00	2RDR
alpha-Chlordane	4.82e-002	5.e-002	3009400.0	0.01	-3.60	15.00	2RDR
Endosulfan I	4.8e-002	5.e-002	2895700.0	0.01	-4.00	15.00	2RDR
alpha-BHC	4.68e-002	5.e-002	4264900.0	0.01	-6.40	15.00	2RDR
Dieldrin	4.71e-002	5.e-002	2715000.0	0.01	-5.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	2538800.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.7e-002	5.e-002	1812300.0	0.01	-6.00	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2207600.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.68e-002	5.e-002	1893800.0	0.01	-6.40	15.00	2RDR
Endrin Aldehyde	5.05e-002	5.e-002	1747400.0	0.01	1.00	15.00	2RDR
Endosulfan sulfate	4.75e-002	5.e-002	1736500.0	0.01	-5.00	15.00	2RDR
Methoxychlor	4.84e-002	5.e-002	964940.00	0.01	-3.20	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1905500.0	0.01	1.40	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :12/30/05
Time Analyzed :1219

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8VL3105.d	3.74	2.26

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :12/30/05
Time Analyzed :1219

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8VL4105.d	2.92	1.29

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 14.04 TCX: 2.67

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	12/19/05	1130		
02		INDAB 0.05PP	12/19/05	1231	14.07	2.68
03		INDAB 0.005P	12/19/05	1342	14.07	2.68
04		INDAB 0.01PP	12/19/05	1411	14.04	2.67
05		INDAB 0.025P	12/19/05	1439	14.04	2.67
06		INDAB 0.1PPM	12/19/05	1506	14.04	2.67
07		INDAB 0.25PP	12/19/05	1534	14.04	2.67
08		INDAB IND 0.	12/19/05	1602		
09		TOX 1.0PPM	12/19/05	1630		
10		EVAL	12/30/05	1219		
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 2.57 DCB: 13.68

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		INDAB 0.05PP	12/30/05	1342	2.57	13.72
02	WG23876-BLAN	WG23876-1	12/30/05	1657	2.57	13.69
03	WG23876-LCS	WG23876-2	12/30/05	1725	2.57	13.68
04	WG23876-LCSD	WG23876-3	12/30/05	1752	2.56	13.68
05	PEN46SB2901	WV6482-1	12/30/05	2232	2.56	13.68
06	PEN46SB2902	WV6482-2	12/30/05	2300	2.57	13.68
07	PEN46SB2903	WV6482-3	12/30/05	2327	2.56	13.68
08		INDAB 0.025P	12/31/05	0120	2.57	13.68
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.39 TCX: 3.43

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	12/19/05	1130		
02		INDAB 0.05PP	12/19/05	1231	19.39	3.43
03		INDAB 0.005P	12/19/05	1342	19.39	3.43
04		INDAB 0.01PP	12/19/05	1411	19.39	3.44
05		INDAB 0.025P	12/19/05	1439	19.39	3.44
06		INDAB 0.1PPM	12/19/05	1506	19.39	3.44
07		INDAB 0.25PP	12/19/05	1534	19.39	3.44
08		INDAB IND 0.	12/19/05	1602		
09		TOX 1.0PPM	12/19/05	1630		
10		EVAL	12/30/05	1219		
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/08/05 12/19/05

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 3.33 DCB: 19.21

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		INDAB 0.05PP	12/30/05	1342	3.35	19.23
02	WG23876-BLAN	WG23876-1	12/30/05	1657	3.33	19.21
03	WG23876-LCS	WG23876-2	12/30/05	1725	3.35	19.21
04	WG23876-LCSD	WG23876-3	12/30/05	1752	3.33	19.20
05	PEN46SB2901	WV6482-1	12/30/05	2232	3.33	19.20
06	PEN46SB2902	WV6482-2	12/30/05	2300	3.35	19.20
07	PEN46SB2903	WV6482-3	12/30/05	2327	3.33	19.21
08		INDAB 0.025P	12/31/05	0120	3.33	19.21
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/30/05 Time: 1342

Lab File ID: 8VL3107 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.23e-002	5.e-002	6807700.0	0.01	4.60	15.00	2RDR
gamma BHC	4.31e-002	5.e-002	5629400.0	0.01	-13.80	15.00	2RDR
Heptachlor	5.06e-002	5.e-002	5832200.0	0.01	1.20	15.00	2RDR
beta-BHC	4.73e-002	5.e-002	2650300.0	0.01	-5.40	15.00	2RDR
Aldrin	4.75e-002	5.e-002	4946900.0	0.01	-5.00	15.00	2RDR
delta-BHC	5.e-002	5.e-002	5660500.0	0.01	0.00	15.00	2RDR
Heptachlor Epoxide	4.66e-002	5.e-002	4389400.0	0.01	-6.80	15.00	2RDR
Endosulfan I	4.72e-002	5.e-002	4372100.0	0.01	-5.60	15.00	2RDR
4,4'-DDE	5.19e-002	5.e-002	4567900.0	0.01	3.80	15.00	2RDR
Dieldrin	4.63e-002	5.e-002	4140000.0	0.01	-7.40	15.00	2RDR
Endrin	4.88e-002	5.e-002	3846500.0	0.01	-2.40	15.00	2RDR
4,4'-DDD	4.85e-002	5.e-002	3173300.0	0.01	-3.00	15.00	2RDR
Endosulfan II	4.78e-002	5.e-002	3389800.0	0.01	-4.40	15.00	2RDR
4,4'-DDT	4.67e-002	5.e-002	3114400.0	0.01	-6.60	15.00	2RDR
Endrin Aldehyde	4.67e-002	5.e-002	2515600.0	0.01	-6.60	15.00	2RDR
Endosulfan sulfate	5.01e-002	5.e-002	2429700.0	0.01	0.20	15.00	2RDR
Methoxychlor	5.2e-002	5.e-002	1619100.0	0.01	4.00	15.00	2RDR
alpha-Chlordane	4.73e-002	5.e-002	4183400.0	0.01	-5.40	15.00	2RDR
gamma-Chlordane	4.7e-002	5.e-002	4325400.0	0.01	-6.00	15.00	2RDR
Endrin Ketone	4.67e-002	5.e-002	2631000.0	0.01	-6.60	15.00	2RDR
Tetrachloro-m-Xylene	4.82e-002	5.e-002	4380400.0	0.01	-3.60	15.00	2RDR
Decachlorobiphenyl	4.57e-002	5.e-002	2001400.0	0.01	-8.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/30/05 Time: 1342

Lab File ID: 8VL4107 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.11e-002	5.e-002	5168800.0	0.01	2.20	15.00	2RDR
gamma BHC	4.86e-002	5.e-002	4467300.0	0.01	-2.80	15.00	2RDR
Heptachlor	5.08e-002	5.e-002	4470900.0	0.01	1.60	15.00	2RDR
beta-BHC	5.06e-002	5.e-002	2120800.0	0.01	1.20	15.00	2RDR
Aldrin	4.82e-002	5.e-002	3821400.0	0.01	-3.60	15.00	2RDR
delta-BHC	5.35e-002	5.e-002	4067800.0	0.01	7.00	15.00	2RDR
Heptachlor Epoxide	4.82e-002	5.e-002	3477700.0	0.01	-3.60	15.00	2RDR
Endosulfan I	5.01e-002	5.e-002	3288800.0	0.01	0.20	15.00	2RDR
4,4'-DDE	4.89e-002	5.e-002	3233200.0	0.01	-2.20	15.00	2RDR
Dieldrin	4.73e-002	5.e-002	3010400.0	0.01	-5.40	15.00	2RDR
Endrin	5.04e-002	5.e-002	2747000.0	0.01	0.80	15.00	2RDR
4,4'-DDD	4.98e-002	5.e-002	2093300.0	0.01	-0.40	15.00	2RDR
Endosulfan II	4.87e-002	5.e-002	2453600.0	0.01	-2.60	15.00	2RDR
4,4'-DDT	4.95e-002	5.e-002	2165700.0	0.01	-1.00	15.00	2RDR
Endrin Aldehyde	4.99e-002	5.e-002	1878600.0	0.01	-0.20	15.00	2RDR
Endosulfan sulfate	5.17e-002	5.e-002	1829500.0	0.01	3.40	15.00	2RDR
Methoxychlor	4.96e-002	5.e-002	1047200.0	0.01	-0.80	15.00	2RDR
alpha-Chlordane	5.e-002	5.e-002	3372700.0	0.01	0.00	15.00	2RDR
gamma-Chlordane	4.95e-002	5.e-002	3444500.0	0.01	-1.00	15.00	2RDR
Endrin Ketone	4.72e-002	5.e-002	1821700.0	0.01	-5.60	15.00	2RDR
Tetrachloro-m-Xylene	5.1e-002	5.e-002	3303300.0	0.01	2.00	15.00	2RDR
Decachlorobiphenyl	5.e-002	5.e-002	2194200.0	0.01	0.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/31/05 Time: 0120

Lab File ID: 8VL3131 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.06e-002	2.5e-002	6451300.0	0.01	-17.60	15.00	2RDR	<-
gamma BHC	1.86e-002	2.5e-002	5502500.0	0.01	-25.60	15.00	2RDR	<-
Heptachlor	1.94e-002	2.5e-002	5144100.0	0.01	-22.40	15.00	2RDR	<-
beta-BHC	2.07e-002	2.5e-002	2536800.0	0.01	-17.20	15.00	2RDR	<-
Aldrin	2.15e-002	2.5e-002	4912800.0	0.01	-14.00	15.00	2RDR	
delta-BHC	2.1e-002	2.5e-002	5244900.0	0.01	-16.00	15.00	2RDR	<-
Heptachlor Epoxide	2.2e-002	2.5e-002	4504000.0	0.01	-12.00	15.00	2RDR	
Endosulfan I	2.25e-002	2.5e-002	4537400.0	0.01	-10.00	15.00	2RDR	
4,4'-DDE	2.14e-002	2.5e-002	4152700.0	0.01	-14.40	15.00	2RDR	
Dieldrin	2.07e-002	2.5e-002	3991400.0	0.01	-17.20	15.00	2RDR	<-
Endrin	2.13e-002	2.5e-002	3650300.0	0.01	-14.80	15.00	2RDR	
4,4'-DDD	2.4e-002	2.5e-002	3300000.0	0.01	-4.00	15.00	2RDR	
Endosulfan II	2.19e-002	2.5e-002	3398600.0	0.01	-12.40	15.00	2RDR	
4,4'-DDT	1.27e-002	2.5e-002	1869500.0	0.01	-49.20	15.00	2RDR	<-
Endrin Aldehyde	2.21e-002	2.5e-002	2558600.0	0.01	-11.60	15.00	2RDR	
Endosulfan sulfate	2.31e-002	2.5e-002	2371500.0	0.01	-7.60	15.00	2RDR	
Methoxychlor	1.53e-002	2.5e-002	1079500.0	0.01	-38.80	15.00	2RDR	<-
alpha-Chlordane	2.21e-002	2.5e-002	4237400.0	0.01	-11.60	15.00	2RDR	
gamma-Chlordane	2.09e-002	2.5e-002	4201300.0	0.01	-16.40	15.00	2RDR	<-
Endrin Ketone	2.2e-002	2.5e-002	2639200.0	0.01	-12.00	15.00	2RDR	
Tetrachloro-m-Xylene	2.09e-002	2.5e-002	4197100.0	0.01	-16.40	15.00	2RDR	<-
Decachlorobiphenyl	2.26e-002	2.5e-002	2181700.0	0.01	-9.60	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 12/31/05 Time: 0120

Lab File ID: 8VL4131 Init. Calib. Date(s): 09/08/05 12/19/05

Init. Calib. Times: 1809 1534

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.22e-002	2.5e-002	4691500.0	0.01	-11.20	15.00	2RDR	
gamma BHC	2.28e-002	2.5e-002	4314900.0	0.01	-8.80	15.00	2RDR	
Heptachlor	2.32e-002	2.5e-002	4277400.0	0.01	-7.20	15.00	2RDR	
beta-BHC	2.29e-002	2.5e-002	2017300.0	0.01	-8.40	15.00	2RDR	
Aldrin	2.42e-002	2.5e-002	3922600.0	0.01	-3.20	15.00	2RDR	
delta-BHC	2.48e-002	2.5e-002	3826000.0	0.01	-0.80	15.00	2RDR	
Heptachlor Epoxide	2.36e-002	2.5e-002	3543900.0	0.01	-5.60	15.00	2RDR	
Endosulfan I	2.39e-002	2.5e-002	3265200.0	0.01	-4.40	15.00	2RDR	
4,4'-DDE	2.4e-002	2.5e-002	3286200.0	0.01	-4.00	15.00	2RDR	
Dieldrin	2.31e-002	2.5e-002	2986100.0	0.01	-7.60	15.00	2RDR	
Endrin	2.35e-002	2.5e-002	2600400.0	0.01	-6.00	15.00	2RDR	
4,4'-DDD	2.74e-002	2.5e-002	2305000.0	0.01	9.60	15.00	2RDR	
Endosulfan II	2.47e-002	2.5e-002	2561800.0	0.01	-1.20	15.00	2RDR	
4,4'-DDT	1.47e-002	2.5e-002	1273800.0	0.01	-41.20	15.00	2RDR	<-
Endrin Aldehyde	2.44e-002	2.5e-002	1905200.0	0.01	-2.40	15.00	2RDR	
Endosulfan sulfate	2.5e-002	2.5e-002	1799200.0	0.01	0.00	15.00	2RDR	
Methoxychlor	1.66e-002	2.5e-002	734560.00	0.01	-33.60	15.00	2RDR	<-
alpha-Chlordane	2.36e-002	2.5e-002	3337600.0	0.01	-5.60	15.00	2RDR	
gamma-Chlordane	2.28e-002	2.5e-002	3299000.0	0.01	-8.80	15.00	2RDR	
Endrin Ketone	2.34e-002	2.5e-002	1827800.0	0.01	-6.40	15.00	2RDR	
Tetrachloro-m-Xylene	2.47e-002	2.5e-002	3408500.0	0.01	-1.20	15.00	2RDR	
Decachlorobiphenyl	2.52e-002	2.5e-002	2371000.0	0.01	0.80	15.00	2RDR	

FORM VII PEST

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM): Date Analyzed :01/05/06
Lab Sample ID (PEM): EVAL Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1055.d	2.75	1.48

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM): Date Analyzed :01/05/06
Lab Sample ID (PEM): EVAL Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2055.d	2.00	1.15

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	13.69	2.57
03		INDAB 0.005P	01/04/06	1817	13.67	2.56
04		INDAB 0.01PP	01/04/06	1845	13.67	2.56
05		INDAB 0.025P	01/04/06	1912	13.67	2.56
06		INDAB 0.1PPM	01/04/06	1940	13.67	2.56
07		INDAB 0.25PP	01/04/06	2007	13.65	2.56
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	13.65	2.56
12	PEN46SB3001	WV6482-4RA	01/06/06	0012	13.65	2.56
13	PEN46SB3001D	WV6482-5	01/06/06	0040	13.65	2.56
14	PEN46SB3002	WV6482-6	01/06/06	0107	13.65	2.56
15	PEN46SB3003	WV6482-7	01/06/06	0135	13.65	2.56
16	PEN46SB3102	WV6482-9	01/06/06	0231	13.65	2.56
17	PEN46SB3103	WV6482-10	01/06/06	0301	13.65	2.56
18	PEN45SB2502	WV6482-12	01/06/06	0356	13.67	2.56
19		INDAB 0.025P	01/06/06	0519	13.65	2.56
20		EVAL	01/06/06	1244		

OK

out

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		INDAB 0.05	01/06/06	1315	13.67	2.56
02	WG23714-BLAN	WG23714-1	01/06/06	1357	13.68	2.56
03	WG23714-LCS	WG23714-2	01/06/06	1425	13.65	2.55
04	PEN46RB1202	WV6482-14	01/06/06	1529	13.68	2.56
05		EVAL	01/09/06	1012		
06		INDAB 0.05	01/09/06	1043	13.65	2.56
07	PEN46SB3101	WV6482-8	01/09/06	1900	13.65	2.56
08	PEN45SB2503	WV6482-13	01/09/06	1928	13.65	2.56
09	PEN45SB2501	WV6482-11DL	01/09/06	1955	13.69	2.56
10		INDAB 0.025	01/09/06	2118	13.65	2.56
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	19.21	3.33
03		INDAB 0.005P	01/04/06	1817	19.20	3.33
04		INDAB 0.01PP	01/04/06	1845	19.20	3.33
05		INDAB 0.025P	01/04/06	1912	19.20	3.33
06		INDAB 0.1PPM	01/04/06	1940	19.20	3.33
07		INDAB 0.25PP	01/04/06	2007	19.20	3.33
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	19.20	3.33
12	PEN46SB3001	WV6482-4RA	01/06/06	0012	19.19	3.33
13	PEN46SB3001D	WV6482-5	01/06/06	0040	19.19	3.33
14	PEN46SB3002	WV6482-6	01/06/06	0107	19.19	3.33
15	PEN46SB3003	WV6482-7	01/06/06	0135	19.19	3.33
16	PEN46SB3102	WV6482-9	01/06/06	0231	19.19	3.33
17	PEN46SB3103	WV6482-10	01/06/06	0301	19.19	3.33
18	PEN45SB2502	WV6482-12	01/06/06	0356	19.20	3.33
19		INDAB 0.025P	01/06/06	0519	19.19	3.33
20		EVAL	01/06/06	1244		

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		INDAB 0.05	01/06/06	1315	19.19	3.32
02	WG23714-BLAN	WG23714-1	01/06/06	1357	19.20	3.33
03	WG23714-LCS	WG23714-2	01/06/06	1425	19.19	3.32
04	PEN46RB1202	WV6482-14	01/06/06	1529	19.20	3.33
05		EVAL	01/09/06	1012		
06		INDAB 0.05	01/09/06	1043	19.19	3.33
07	PEN46SB3101	WV6482-8	01/09/06	1900	19.19	3.33
08	PEN45SB2503	WV6482-13	01/09/06	1928	19.19	3.33
09	PEN45SB2501	WV6482-11DL	01/09/06	1955	19.20	3.33
10		INDAB 0.025	01/09/06	2118	19.19	3.33
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA1057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.56e-002	5.e-002	6107600.0	0.01	11.20	15.00	2RDR	
gamma BHC	5.48e-002	5.e-002	5249000.0	0.01	9.60	15.00	2RDR	
Heptachlor	5.72e-002	5.e-002	5316700.0	0.01	14.40	15.00	2RDR	
beta-BHC	5.47e-002	5.e-002	2450000.0	0.01	9.40	15.00	2RDR	
Aldrin	5.57e-002	5.e-002	4689200.0	0.01	11.40	15.00	2RDR	
delta-BHC	5.43e-002	5.e-002	5085200.0	0.01	8.60	15.00	2RDR	
Heptachlor Epoxide	5.54e-002	5.e-002	4167900.0	0.01	10.80	15.00	2RDR	
Endosulfan I	5.42e-002	5.e-002	4191800.0	0.01	8.40	15.00	2RDR	
4,4'-DDE	5.42e-002	5.e-002	3960700.0	0.01	8.40	15.00	2RDR	
Dieldrin	5.24e-002	5.e-002	3648700.0	0.01	4.80	15.00	2RDR	
Endrin	5.31e-002	5.e-002	3489000.0	0.01	6.20	15.00	2RDR	
4,4'-DDD	5.25e-002	5.e-002	2750500.0	0.01	5.00	15.00	2RDR	
Endosulfan II	5.26e-002	5.e-002	3068500.0	0.01	5.20	15.00	2RDR	
4,4'-DDT	5.e-002	5.e-002	2785800.0	0.01	0.00	15.00	2RDR	
Endrin Aldehyde	5.23e-002	5.e-002	2328600.0	0.01	4.60	15.00	2RDR	
Endosulfan sulfate	4.84e-002	5.e-002	2148700.0	0.01	-3.20	15.00	2RDR	
Methoxychlor	4.92e-002	5.e-002	1340600.0	0.01	-1.60	15.00	2RDR	
alpha-Chlordane	5.56e-002	5.e-002	3922700.0	0.01	11.20	15.00	2RDR	
gamma-Chlordane	5.56e-002	5.e-002	3978900.0	0.01	11.20	15.00	2RDR	
Endrin Ketone	5.06e-002	5.e-002	2491600.0	0.01	1.20	15.00	2RDR	
Tetrachloro-m-Xylene	6.29e-002	5.e-002	4415100.0	0.01	25.80	15.00	2RDR	<-
Decachlorobiphenyl	5.39e-002	5.e-002	1925000.0	0.01	7.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA2057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.65e-002	5.e-002	5109600.0	0.01	13.00	15.00	2RDR	
gamma BHC	5.45e-002	5.e-002	4319500.0	0.01	9.00	15.00	2RDR	
Heptachlor	5.64e-002	5.e-002	4507500.0	0.01	12.80	15.00	2RDR	
beta-BHC	5.54e-002	5.e-002	2077100.0	0.01	10.80	15.00	2RDR	
Aldrin	5.47e-002	5.e-002	3822000.0	0.01	9.40	15.00	2RDR	
delta-BHC	5.14e-002	5.e-002	4019200.0	0.01	2.80	15.00	2RDR	
Heptachlor Epoxide	5.17e-002	5.e-002	3399600.0	0.01	3.40	15.00	2RDR	
Endosulfan I	5.24e-002	5.e-002	3143700.0	0.01	4.80	15.00	2RDR	
4,4'-DDE	5.48e-002	5.e-002	3271800.0	0.01	9.60	15.00	2RDR	
Dieldrin	5.49e-002	5.e-002	3158300.0	0.01	9.80	15.00	2RDR	
Endrin	5.33e-002	5.e-002	2782400.0	0.01	6.60	15.00	2RDR	
4,4'-DDD	5.39e-002	5.e-002	2082200.0	0.01	7.80	15.00	2RDR	
Endosulfan II	5.3e-002	5.e-002	2410400.0	0.01	6.00	15.00	2RDR	
4,4'-DDT	5.11e-002	5.e-002	2069400.0	0.01	2.20	15.00	2RDR	
Endrin Aldehyde	5.35e-002	5.e-002	1845500.0	0.01	7.00	15.00	2RDR	
Endosulfan sulfate	5.02e-002	5.e-002	1832600.0	0.01	0.40	15.00	2RDR	
Methoxychlor	5.34e-002	5.e-002	1059100.0	0.01	6.80	15.00	2RDR	
alpha-Chlordane	5.37e-002	5.e-002	3338700.0	0.01	7.40	15.00	2RDR	
gamma-Chlordane	5.22e-002	5.e-002	3292100.0	0.01	4.40	15.00	2RDR	
Endrin Ketone	5.1e-002	5.e-002	1916300.0	0.01	2.00	15.00	2RDR	
Tetrachloro-m-Xylene	5.76e-002	5.e-002	3251700.0	0.01	15.20	15.00	2RDR	<-
Decachlorobiphenyl	4.89e-002	5.e-002	2034900.0	0.01	-2.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 0519

Lab File ID: 8WA1080 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.81e-002	2.5e-002	6714600.0	0.01	12.40	15.00	2RDR	
gamma BHC	2.73e-002	2.5e-002	5579100.0	0.01	9.20	15.00	2RDR	
Heptachlor	2.58e-002	2.5e-002	5285200.0	0.01	3.20	15.00	2RDR	
beta-BHC	2.72e-002	2.5e-002	2592900.0	0.01	8.80	15.00	2RDR	
Aldrin	2.6e-002	2.5e-002	4671600.0	0.01	4.00	15.00	2RDR	
delta-BHC	2.63e-002	2.5e-002	5301400.0	0.01	5.20	15.00	2RDR	
Heptachlor Epoxide	2.44e-002	2.5e-002	3968600.0	0.01	-2.40	15.00	2RDR	
Endosulfan I	2.34e-002	2.5e-002	3904200.0	0.01	-6.40	15.00	2RDR	
4,4'-DDE	2.26e-002	2.5e-002	3524400.0	0.01	-9.60	15.00	2RDR	
Dieldrin	2.29e-002	2.5e-002	3388800.0	0.01	-8.40	15.00	2RDR	
Endrin	2.11e-002	2.5e-002	2983400.0	0.01	-15.60	15.00	2RDR	<-
4,4'-DDD	2.2e-002	2.5e-002	2414200.0	0.01	-12.00	15.00	2RDR	
Endosulfan II	2.16e-002	2.5e-002	2696200.0	0.01	-13.60	15.00	2RDR	
4,4'-DDT	1.68e-002	2.5e-002	1977800.0	0.01	-32.80	15.00	2RDR	<-
Endrin Aldehyde	2.05e-002	2.5e-002	1944900.0	0.01	-18.00	15.00	2RDR	<-
Endosulfan sulfate	2.08e-002	2.5e-002	1943800.0	0.01	-16.80	15.00	2RDR	<-
Methoxychlor	1.89e-002	2.5e-002	1108000.0	0.01	-24.40	15.00	2RDR	<-
alpha-Chlordane	2.36e-002	2.5e-002	3593900.0	0.01	-5.60	15.00	2RDR	
gamma-Chlordane	2.35e-002	2.5e-002	3628000.0	0.01	-6.00	15.00	2RDR	
Endrin Ketone	2.19e-002	2.5e-002	2286300.0	0.01	-12.40	15.00	2RDR	
Tetrachloro-m-Xylene	3.13e-002	2.5e-002	4753700.0	0.01	25.20	15.00	2RDR	<-
Decachlorobiphenyl	2.13e-002	2.5e-002	1697400.0	0.01	-14.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 0519

Lab File ID: 8WA2080 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.64e-002	2.5e-002	4872500.0	0.01	5.60	15.00	2RDR	
gamma BHC	2.52e-002	2.5e-002	4087500.0	0.01	0.80	15.00	2RDR	
Heptachlor	2.57e-002	2.5e-002	4243000.0	0.01	2.80	15.00	2RDR	
beta-BHC	2.56e-002	2.5e-002	1987600.0	0.01	2.40	15.00	2RDR	
Aldrin	2.53e-002	2.5e-002	3581700.0	0.01	1.20	15.00	2RDR	
delta-BHC	2.41e-002	2.5e-002	3773500.0	0.01	-3.60	15.00	2RDR	
Heptachlor Epoxide	2.4e-002	2.5e-002	3246100.0	0.01	-4.00	15.00	2RDR	
Endosulfan I	2.4e-002	2.5e-002	2967700.0	0.01	-4.00	15.00	2RDR	
4,4'-DDE	2.56e-002	2.5e-002	3129500.0	0.01	2.40	15.00	2RDR	
Dieldrin	2.49e-002	2.5e-002	2872100.0	0.01	-0.40	15.00	2RDR	
Endrin	2.37e-002	2.5e-002	2466700.0	0.01	-5.20	15.00	2RDR	
4,4'-DDD	2.63e-002	2.5e-002	1997800.0	0.01	5.20	15.00	2RDR	
Endosulfan II	2.49e-002	2.5e-002	2291000.0	0.01	-0.40	15.00	2RDR	
4,4'-DDT	2.06e-002	2.5e-002	1639500.0	0.01	-17.60	15.00	2RDR	<-
Endrin Aldehyde	2.4e-002	2.5e-002	1701700.0	0.01	-4.00	15.00	2RDR	
Endosulfan sulfate	2.17e-002	2.5e-002	1611100.0	0.01	-13.20	15.00	2RDR	
Methoxychlor	2.09e-002	2.5e-002	853480.00	0.01	-16.40	15.00	2RDR	<-
alpha-Chlordane	2.52e-002	2.5e-002	3218500.0	0.01	0.80	15.00	2RDR	
gamma-Chlordane	2.42e-002	2.5e-002	3130100.0	0.01	-3.20	15.00	2RDR	
Endrin Ketone	2.31e-002	2.5e-002	1754200.0	0.01	-7.60	15.00	2RDR	
Tetrachloro-m-Xylene	2.86e-002	2.5e-002	3418400.0	0.01	14.40	15.00	2RDR	
Decachlorobiphenyl	2.3e-002	2.5e-002	2057400.0	0.01	-8.00	15.00	2RDR	

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/06/06
Time Analyzed :1244

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1082.d	3.05	1.69

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/06/06
Time Analyzed :1244

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2082.d	2.68	0.90

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 1315

Lab File ID: 8WA1083 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.72e-002	5.e-002	5308900.0	0.01	-5.60	15.00	2RDR
gamma BHC	5.15e-002	5.e-002	4971600.0	0.01	3.00	15.00	2RDR
Heptachlor	5.44e-002	5.e-002	5097500.0	0.01	8.80	15.00	2RDR
beta-BHC	5.15e-002	5.e-002	2320400.0	0.01	3.00	15.00	2RDR
Aldrin	5.06e-002	5.e-002	4304000.0	0.01	1.20	15.00	2RDR
delta-BHC	5.05e-002	5.e-002	4772800.0	0.01	1.00	15.00	2RDR
Heptachlor Epoxide	5.14e-002	5.e-002	3899900.0	0.01	2.80	15.00	2RDR
Endosulfan I	5.23e-002	5.e-002	4060000.0	0.01	4.60	15.00	2RDR
4,4'-DDE	5.36e-002	5.e-002	3918900.0	0.01	7.20	15.00	2RDR
Dieldrin	5.24e-002	5.e-002	3645100.0	0.01	4.80	15.00	2RDR
Endrin	5.29e-002	5.e-002	3478100.0	0.01	5.80	15.00	2RDR
4,4'-DDD	5.16e-002	5.e-002	2707300.0	0.01	3.20	15.00	2RDR
Endosulfan II	4.99e-002	5.e-002	2925200.0	0.01	-0.20	15.00	2RDR
4,4'-DDT	5.06e-002	5.e-002	2819000.0	0.01	1.20	15.00	2RDR
Endrin Aldehyde	4.97e-002	5.e-002	2220600.0	0.01	-0.60	15.00	2RDR
Endosulfan sulfate	4.71e-002	5.e-002	2094600.0	0.01	-5.80	15.00	2RDR
Methoxychlor	4.94e-002	5.e-002	1345400.0	0.01	-1.20	15.00	2RDR
alpha-Chlordane	5.4e-002	5.e-002	3820300.0	0.01	8.00	15.00	2RDR
gamma-Chlordane	5.48e-002	5.e-002	3924800.0	0.01	9.60	15.00	2RDR
Endrin Ketone	4.73e-002	5.e-002	2339800.0	0.01	-5.40	15.00	2RDR
Tetrachloro-m-Xylene	5.44e-002	5.e-002	3887000.0	0.01	8.80	15.00	2RDR
Decachlorobiphenyl	5.18e-002	5.e-002	1859100.0	0.01	3.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 1315

Lab File ID: 8WA2083 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.08e-002	5.e-002	4616400.0	0.01	1.60	15.00	2RDR
gamma BHC	5.31e-002	5.e-002	4212800.0	0.01	6.20	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	4435000.0	0.01	11.00	15.00	2RDR
beta-BHC	5.22e-002	5.e-002	1964300.0	0.01	4.40	15.00	2RDR
Aldrin	5.56e-002	5.e-002	3881900.0	0.01	11.20	15.00	2RDR
delta-BHC	4.97e-002	5.e-002	3885900.0	0.01	-0.60	15.00	2RDR
Heptachlor Epoxide	5.11e-002	5.e-002	3359400.0	0.01	2.20	15.00	2RDR
Endosulfan I	4.97e-002	5.e-002	2992300.0	0.01	-0.60	15.00	2RDR
4,4'-DDE	5.35e-002	5.e-002	3197700.0	0.01	7.00	15.00	2RDR
Dieldrin	5.22e-002	5.e-002	3002800.0	0.01	4.40	15.00	2RDR
Endrin	5.03e-002	5.e-002	2629800.0	0.01	0.60	15.00	2RDR
4,4'-DDD	5.19e-002	5.e-002	2003600.0	0.01	3.80	15.00	2RDR
Endosulfan II	5.17e-002	5.e-002	2356200.0	0.01	3.40	15.00	2RDR
4,4'-DDT	5.11e-002	5.e-002	2068800.0	0.01	2.20	15.00	2RDR
Endrin Aldehyde	5.11e-002	5.e-002	1768100.0	0.01	2.20	15.00	2RDR
Endosulfan sulfate	4.69e-002	5.e-002	1715100.0	0.01	-6.20	15.00	2RDR
Methoxychlor	5.05e-002	5.e-002	1004000.0	0.01	1.00	15.00	2RDR
alpha-Chlordane	5.19e-002	5.e-002	3232800.0	0.01	3.80	15.00	2RDR
gamma-Chlordane	5.04e-002	5.e-002	3183000.0	0.01	0.80	15.00	2RDR
Endrin Ketone	4.73e-002	5.e-002	1782000.0	0.01	-5.40	15.00	2RDR
Tetrachloro-m-Xylene	5.13e-002	5.e-002	2929300.0	0.01	2.60	15.00	2RDR
Decachlorobiphenyl	4.86e-002	5.e-002	2023800.0	0.01	-2.80	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/09/06
Time Analyzed :1012

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1108.d	2.88	3.18

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/09/06
Time Analyzed :1012

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2108.d	3.33	1.97

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 1043

Lab File ID: 8WA1109 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.41e-002	5.e-002	5969000.0	0.01	8.20	15.00	2RDR	
gamma BHC	5.92e-002	5.e-002	5624900.0	0.01	18.40	15.00	2RDR	<-
Heptachlor	6.21e-002	5.e-002	5698900.0	0.01	24.20	15.00	2RDR	<-
beta-BHC	5.91e-002	5.e-002	2623500.0	0.01	18.20	15.00	2RDR	<-
Aldrin	5.71e-002	5.e-002	4796600.0	0.01	14.20	15.00	2RDR	
delta-BHC	5.77e-002	5.e-002	5367300.0	0.01	15.40	15.00	2RDR	<-
Heptachlor Epoxide	5.87e-002	5.e-002	4389500.0	0.01	17.40	15.00	2RDR	<-
Endosulfan I	5.97e-002	5.e-002	4568500.0	0.01	19.40	15.00	2RDR	<-
4,4'-DDE	5.98e-002	5.e-002	4320300.0	0.01	19.60	15.00	2RDR	<-
Dieldrin	5.94e-002	5.e-002	4085800.0	0.01	18.80	15.00	2RDR	<-
Endrin	5.89e-002	5.e-002	3831300.0	0.01	17.80	15.00	2RDR	<-
4,4'-DDD	5.69e-002	5.e-002	2965700.0	0.01	13.80	15.00	2RDR	
Endosulfan II	5.69e-002	5.e-002	3293300.0	0.01	13.80	15.00	2RDR	
4,4'-DDT	5.87e-002	5.e-002	3228800.0	0.01	17.40	15.00	2RDR	<-
Endrin Aldehyde	5.95e-002	5.e-002	2623700.0	0.01	19.00	15.00	2RDR	<-
Endosulfan sulfate	5.37e-002	5.e-002	2366600.0	0.01	7.40	15.00	2RDR	
Methoxychlor	5.44e-002	5.e-002	1468200.0	0.01	8.80	15.00	2RDR	
alpha-Chlordane	6.16e-002	5.e-002	4298000.0	0.01	23.20	15.00	2RDR	<-
gamma-Chlordane	6.21e-002	5.e-002	4387100.0	0.01	24.20	15.00	2RDR	<-
Endrin Ketone	5.28e-002	5.e-002	2587300.0	0.01	5.60	15.00	2RDR	
Tetrachloro-m-Xylene	6.18e-002	5.e-002	4349200.0	0.01	23.60	15.00	2RDR	<-
Decachlorobiphenyl	5.71e-002	5.e-002	2025300.0	0.01	14.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 1043

Lab File ID: 8WA2109 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.11e-002	5.e-002	4638500.0	0.01	2.20	15.00	2RDR
gamma BHC	5.21e-002	5.e-002	4141800.0	0.01	4.20	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	4437200.0	0.01	11.00	15.00	2RDR
beta-BHC	5.26e-002	5.e-002	1975800.0	0.01	5.20	15.00	2RDR
Aldrin	5.59e-002	5.e-002	3902200.0	0.01	11.80	15.00	2RDR
delta-BHC	5.03e-002	5.e-002	3931300.0	0.01	0.60	15.00	2RDR
Heptachlor Epoxide	5.29e-002	5.e-002	3474300.0	0.01	5.80	15.00	2RDR
Endosulfan I	5.23e-002	5.e-002	3139700.0	0.01	4.60	15.00	2RDR
4,4'-DDE	5.55e-002	5.e-002	3312600.0	0.01	11.00	15.00	2RDR
Dieldrin	5.47e-002	5.e-002	3146200.0	0.01	9.40	15.00	2RDR
Endrin	5.13e-002	5.e-002	2681100.0	0.01	2.60	15.00	2RDR
4,4'-DDD	5.34e-002	5.e-002	2064200.0	0.01	6.80	15.00	2RDR
Endosulfan II	5.47e-002	5.e-002	2484800.0	0.01	9.40	15.00	2RDR
4,4'-DDT	5.27e-002	5.e-002	2131300.0	0.01	5.40	15.00	2RDR
Endrin Aldehyde	5.33e-002	5.e-002	1840300.0	0.01	6.60	15.00	2RDR
Endosulfan sulfate	4.77e-002	5.e-002	1744100.0	0.01	-4.60	15.00	2RDR
Methoxychlor	5.06e-002	5.e-002	1005300.0	0.01	1.20	15.00	2RDR
alpha-Chlordane	5.42e-002	5.e-002	3370200.0	0.01	8.40	15.00	2RDR
gamma-Chlordane	5.25e-002	5.e-002	3307600.0	0.01	5.00	15.00	2RDR
Endrin Ketone	4.8e-002	5.e-002	1806800.0	0.01	-4.00	15.00	2RDR
Tetrachloro-m-Xylene	5.13e-002	5.e-002	2926500.0	0.01	2.60	15.00	2RDR
Decachlorobiphenyl	5.03e-002	5.e-002	2087100.0	0.01	0.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 2118

Lab File ID: 8WA1132 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.5e-002	2.5e-002	6032300.0	0.01	0.00	15.00	2RDR	
gamma BHC	2.59e-002	2.5e-002	5310400.0	0.01	3.60	15.00	2RDR	
Heptachlor	2.64e-002	2.5e-002	5403700.0	0.01	5.60	15.00	2RDR	
beta-BHC	2.68e-002	2.5e-002	2555300.0	0.01	7.20	15.00	2RDR	
Aldrin	2.62e-002	2.5e-002	4705700.0	0.01	4.80	15.00	2RDR	
delta-BHC	2.36e-002	2.5e-002	4794200.0	0.01	-5.60	15.00	2RDR	
Heptachlor Epoxide	2.59e-002	2.5e-002	4180800.0	0.01	3.60	15.00	2RDR	
Endosulfan I	2.51e-002	2.5e-002	4164600.0	0.01	0.40	15.00	2RDR	
4,4'-DDE	2.44e-002	2.5e-002	3788000.0	0.01	-2.40	15.00	2RDR	
Dieldrin	2.43e-002	2.5e-002	3573500.0	0.01	-2.80	15.00	2RDR	
Endrin	2.3e-002	2.5e-002	3230900.0	0.01	-8.00	15.00	2RDR	
4,4'-DDD	2.26e-002	2.5e-002	2473900.0	0.01	-9.60	15.00	2RDR	
Endosulfan II	2.34e-002	2.5e-002	2902700.0	0.01	-6.40	15.00	2RDR	
4,4'-DDT	2.03e-002	2.5e-002	2371500.0	0.01	-18.80	15.00	2RDR	<-
Endrin Aldehyde	2.28e-002	2.5e-002	2143500.0	0.01	-8.80	15.00	2RDR	
Endosulfan sulfate	2.08e-002	2.5e-002	1950100.0	0.01	-16.80	15.00	2RDR	<-
Methoxychlor	2.11e-002	2.5e-002	1224300.0	0.01	-15.60	15.00	2RDR	<-
alpha-Chlordane	2.52e-002	2.5e-002	3816200.0	0.01	0.80	15.00	2RDR	
gamma-Chlordane	2.49e-002	2.5e-002	3829000.0	0.01	-0.40	15.00	2RDR	
Endrin Ketone	2.34e-002	2.5e-002	2426200.0	0.01	-6.40	15.00	2RDR	
Tetrachloro-m-Xylene	2.9e-002	2.5e-002	4435800.0	0.01	16.00	15.00	2RDR	<-
Decachlorobiphenyl	2.39e-002	2.5e-002	1878900.0	0.01	-4.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 2118

Lab File ID: 8WA2132 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.5e-002	2.5e-002	4606100.0	0.01	0.00	15.00	2RDR	
gamma BHC	2.46e-002	2.5e-002	3986900.0	0.01	-1.60	15.00	2RDR	
Heptachlor	2.56e-002	2.5e-002	4223800.0	0.01	2.40	15.00	2RDR	
beta-BHC	2.53e-002	2.5e-002	1963000.0	0.01	1.20	15.00	2RDR	
Aldrin	2.54e-002	2.5e-002	3598400.0	0.01	1.60	15.00	2RDR	
delta-BHC	2.18e-002	2.5e-002	3398700.0	0.01	-12.80	15.00	2RDR	
Heptachlor Epoxide	2.47e-002	2.5e-002	3333900.0	0.01	-1.20	15.00	2RDR	
Endosulfan I	2.45e-002	2.5e-002	3032800.0	0.01	-2.00	15.00	2RDR	
4,4'-DDE	2.59e-002	2.5e-002	3161600.0	0.01	3.60	15.00	2RDR	
Dieldrin	2.55e-002	2.5e-002	2936600.0	0.01	2.00	15.00	2RDR	
Endrin	2.45e-002	2.5e-002	2550600.0	0.01	-2.00	15.00	2RDR	
4,4'-DDD	2.56e-002	2.5e-002	1947200.0	0.01	2.40	15.00	2RDR	
Endosulfan II	2.53e-002	2.5e-002	2334600.0	0.01	1.20	15.00	2RDR	
4,4'-DDT	2.25e-002	2.5e-002	1803200.0	0.01	-10.00	15.00	2RDR	
Endrin Aldehyde	2.5e-002	2.5e-002	1773900.0	0.01	0.00	15.00	2RDR	
Endosulfan sulfate	2.11e-002	2.5e-002	1565900.0	0.01	-15.60	15.00	2RDR	<-
Methoxychlor	2.23e-002	2.5e-002	908800.00	0.01	-10.80	15.00	2RDR	
alpha-Chlordane	2.56e-002	2.5e-002	3267500.0	0.01	2.40	15.00	2RDR	
gamma-Chlordane	2.48e-002	2.5e-002	3202600.0	0.01	-0.80	15.00	2RDR	
Endrin Ketone	2.3e-002	2.5e-002	1747600.0	0.01	-8.00	15.00	2RDR	
Tetrachloro-m-Xylene	2.68e-002	2.5e-002	3219200.0	0.01	7.20	15.00	2RDR	
Decachlorobiphenyl	2.36e-002	2.5e-002	2106600.0	0.01	-5.60	15.00	2RDR	

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

PEN45SB2501

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-11DL Date(s) Analyzed: 01/09/06 01/09/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-Chlordane	1	6.09	6.04	6.18	2.65	
	2	7.93	7.86	8.00	5.18	48.8
4,4'-DDE	1	6.28	6.24	6.38	16.8	
	2	8.28	8.21	8.35	27.4	38.7
4,4'-DDT	1	7.85	7.80	7.94	70.4	
	2	10.44	10.37	10.51	95.2	26.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID: PEN45SB2502

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-12 Date(s) Analyzed: 01/06/06 01/06/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDT	1	7.87	7.80	7.94	15.6	
	2	10.44	10.37	10.51	22.6	31.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

PEN45SB2503

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-13 Date(s) Analyzed: 01/09/06 01/09/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDT	1	7.85	7.80	7.94	1.76	
	2	10.44	10.37	10.51	2.69	34.6
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE ____ OF ____

CLIENT NAS Pensacola		JOB NUMBER CTO 367	
SUBJECT Pest			
BASED ON 8081		DRAWING NUMBER	
BY SWS	CHECKED BY	APPROVED BY	DATE

PEN 45SB 2501

4.4'-DDT = 95.2

$y = Ax^2 + bx + C$

$y = 1.076 \times 10^{-13} (262701)^2 + 4.739 \times 10^{-7} (262701) + 9.505^{-4}$

$\frac{0.13286 \times 10{,}000 \times 2\,dt}{30g \times 0.93\%\,sol} = 95.2\ ug/kg$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/02/05
Received Date: 12/03/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 19:55
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 93.0

Lab ID: WV6482-11DL
Client ID: PEN45SB2501
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23876
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	1.8	2.0	1.7	3.6	1.8
319-84-6	alpha-BHC	U	2.2	2.0	1.7	3.6	2.2
58-89-9	gamma BHC	U	0.93	2.0	1.7	3.6	0.93
319-85-7	beta-BHC	U	1.3	2.0	1.7	3.6	1.3
319-86-8	delta-BHC	U	2.1	2.0	1.7	3.6	2.1
76-44-8	Heptachlor	U	1.4	2.0	1.7	3.6	1.4
309-00-2	Aldrin	U	1.1	2.0	1.7	3.6	1.1
1024-57-3	Heptachlor Epoxide	U	1.4	2.0	1.7	3.6	1.4
5103-74-2	gamma-Chlordane	U	1.0	2.0	1.7	3.6	1.0
5103-71-9	alpha-Chlordane		5.2	2.0	1.7	3.6	1.0
72-55-9	4,4'-DDE		27	2.0	3.3	7.1	1.1
50-29-3	4,4'-DDT		95	2.0	3.3	7.1	1.4
60-57-1	Dieldrin	U	0.79	2.0	3.3	7.1	0.79
8001-35-2	Toxaphene	U	37	2.0	33	71	37
72-20-8	Endrin	U	1.9	2.0	3.3	7.1	1.9
72-54-8	4,4'-DDD	U	0.93	2.0	3.3	7.1	0.93
33213-65-9	Endosulfan II	U	2.1	2.0	3.3	7.1	2.1
7421-36-3	Endrin Aldehyde	U	2.5	2.0	3.3	7.1	2.5
72-43-5	Methoxychlor	U	2.6	2.0	17	36	2.6
1031-07-8	Endosulfan sulfate	U	1.4	2.0	3.3	7.1	1.4
53494-70-5	Endrin Ketone	U	1.4	2.0	3.3	7.1	1.4
877-09-8	Tetrachloro-m-Xylene		80%				
2051-24-3	Decachlorobiphenyl		85%				

Data File: \\Target_server\GG\chem\gc08.i\GC08WA09B1.b\8WA2129.d
Report Date: 10-Jan-2006 08:46

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc08.i\GC08WA09B1.b\8WA2129.d
Lab Smp Id: WV6482-11DL Client Smp ID: PEN45SB2501
Inj Date : 09-JAN-2006 19:55
Operator : JLP Inst ID: gc08.i
Smp Info : PSTb211A.M,GC08WA09A1.B,2,WV6482-11DL
Misc Info : SW846 8081A
Comment :
Method : \\Target_server\GG\chem\gc08.i\GC08WA09B1.b\PSTb211A.m
Meth Date : 10-Jan-2006 07:27 jprescott Quant Type: ESTD
Cal Date : 05-JAN-2006 02:05 Cal File: 8WA2029.RAW
Als bottle: 1
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: SW8081.sub
Target Version: 4.12
Processing Host: TARGET02

Concentration Formula: Amt * DF * 1000*Vt*(1/Vo)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	2.000	Dilution Factor
Vt	0.01000	Volume of final extract (L)
Vo	0.03000	Sample Weight
M	6.991	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
$ 1 Tetrachloro-m-Xylene	3.333	3.333	0.000	117020	0.04013	28.8
10 alpha-Chlordane	7.933	7.933	0.000	23748	0.00723	5.18
11 4,4'-DDE	8.280	8.280	0.000	115772	0.03827	27.4(M)
17 4,4'-DDT	10.440	10.440	0.000	262701	0.13286	95.2
$ 22 Decachlorobiphenyl	19.200	19.186	0.014	48129	0.02139	15.3

QC Flag Legend

M - Compound response manually integrated.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15334	29837	77219	155080	283880	639850	2ORDR	6.285e-006	3.144e-007	1.196e-013	0.99991	0.99000
alpha-BHC	18107	38987	111430	238050	427390	949290	2ORDR	9.921e-004	2.008e-007	6.495e-014	0.99977	0.99000
gamma BHC	16760	34979	97750	209390	373210	830890	2ORDR	8.233e-004	2.303e-007	8.396e-014	0.99974	0.99000
beta-BHC	9796	19189	49374	97108	177360	400550	2ORDR	-2.21e-004	5.045e-007	3.011e-013	0.99990	0.99000
delta-BHC	16442	33551	96862	195140	380300	862200	2ORDR	1.019e-003	2.393e-007	5.731e-014	0.99996	0.99000
Heptachlor	21077	40921	105800	200330	382770	853990	2ORDR	-3.73e-005	2.354e-007	6.722e-014	0.99999	0.99000
Aldrin	16097	32173	87330	182580	334340	773120	2ORDR	3.817e-004	2.718e-007	6.624e-014	0.99984	0.99000
Heptachlor Epoxide	16398	32426	84321	167800	312030	698480	2ORDR	1.643e-004	2.857e-007	1.032e-013	0.99996	0.99000
gamma-Chlordane	15786	30938	81055	159700	301740	681550	2ORDR	1.647e-004	3.001e-007	9.76e-014	0.99998	0.99000
alpha-Chlordane	16485	31967	81491	155650	298610	674670	2ORDR	-9.49e-005	3.064e-007	9.54e-014	0.99999	0.99000
4,4'-DDE	15081	29491	76269	155380	285630	660870	2ORDR	-3.61e-005	3.208e-007	8.738e-014	0.99988	0.99000
4,4'-DDT	8527	17140	48439	103390	199320	474480	2ORDR	9.505e-004	4.739e-007	1.076e-013	0.99992	0.99000
Dieldrin	13151	26487	71420	142650	283720	661730	2ORDR	6.689e-004	3.331e-007	6.59e-014	0.99998	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	11396	23300	64987	128290	258220	599870	2ORDR	8.637e-004	3.653e-007	8.318e-014	0.99995	0.99000
4,4'-DDD	7788	16439	46008	94988	194300	466270	2ORDR	1.217e-003	4.981e-007	7.549e-014	0.99992	0.99000
Endosulfan II	10873	21774	58392	113060	221550	508240	2ORDR	3.636e-004	4.195e-007	1.409e-013	0.99999	0.99000
Endrin Aldehyde	9247	18053	44919	89341	165660	391080	2ORDR	-4.88e-004	5.674e-007	1.878e-013	0.99989	0.99000
Methoxychlor	4968	10128	24906	51930	94374	217260	2ORDR	-4.83e-005	9.631e-007	8.678e-013	0.99984	0.99000
Endosulfan sulfate	8931	17746	45840	94430	175300	409980	2ORDR	8.423e-005	5.291e-007	1.97e-013	0.99990	0.99000
Endrin Ketone	8488	17292	46261	97504	180930	419920	2ORDR	5.005e-004	5.066e-007	2.09e-013	0.99988	0.99000
Tetrachloro-m-Xylene	15963	30767	75773	153370	257720	564430	2ORDR	-5.58e-004	3.224e-007	2.164e-013	0.99946	0.99000
Decachlorobiphenyl	12854	25399	57905	106950	187600	405430	2ORDR	-1.27e-003	4.505e-007	4.192e-013	0.99978	0.99000

FORM VI SV

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23715-BLANK	WG23715-1	77	73	28J	29J			2
02	WG23715-LCS	WG23715-2	55	52	21J	21J			2
03	PEN46RB1202	WV6482-14	59	57	22J	23J			2
04									
05									
06									
07									
08									
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23877-BLANK	WG23877-1	58	61	66	65			0
02	WG23877-LCS	WG23877-2	70	71	79	80			0
03	WG23877-LCSD	WG23877-3	62	63	71	72			0
04	PEN46SB2901	WV6482-1	83	81	88	86			0
05	PEN46SB2902	WV6482-2	87	83	92	90			0
06	PEN46SB2903	WV6482-3	69	68	86	84			0
07	PEN46SB3001	WV6482-4	79	79	89	87			0
08	PEN46SB3001D	WV6482-5	79	78	86	83			0
09	PEN46SB3002	WV6482-6	72	72	84	82			0
10	PEN46SB3003	WV6482-7	72	69	78	78			0
11	PEN46SB3101	WV6482-8	92	89	87	82			0
12	PEN46SB3102	WV6482-9	84	83	80	72			0
13	PEN46SB3103	WV6482-10	85	83	79	75			0
14	PEN45SB2501	WV6482-11	81	77	82	132J			1
15	PEN45SB2502	WV6482-12	85	82	69	102			0
16	PEN45SB2503	WV6482-13	85	82	68	86			0
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (44-103)
S2 (DCB) = Decachlorobiphenyl (56-107)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23715-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab Sample ID: WG23715-1 Lab File ID: 6VL3076

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 12/09/05

Date Analyzed (1): 12/28/05 Date Analyzed (2): 12/28/05

Time Analyzed (1): 1859 Time Analyzed (2): 1859

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23715-LCS	WG23715-2	6VL3077	12/28/05	12/28/05
02	PEN46RB1202	WV6482-14	6VL3078	12/28/05	12/28/05
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 28-DEC-2005 18:59
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23715-1
Client ID: WG23715-Blank
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23715
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		77%				
2051-24-3	Decachlorobiphenyl		J 29%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO NO:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 12/28/05
Report Date: 01/10/2006
Matrix: WATER

Lab ID: WG23715-2
Client ID: WG23715-LCS
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23715
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.5	89	51-146
Aroclor-1260	5.0	NA	3.5	71	63-132

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23877-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab Sample ID: WG23877-1 Lab File ID: 6VL3142

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3550

Sulfur Cleanup: (Y/N) N Date Extracted: 12/15/05

Date Analyzed (1): 12/30/05 Date Analyzed (2): 12/30/05

Time Analyzed (1): 1201 Time Analyzed (2): 1201

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23877-LCS	WG23877-2	6VL3143	12/30/05	12/30/05
02	WG23877-LCSD	WG23877-3	6VL3144	12/30/05	12/30/05
03	PEN46SB2901	WV6482-1	6VL3159	12/30/05	12/30/05
04	PEN46SB2902	WV6482-2	6VL3160	12/30/05	12/30/05
05	PEN46SB2903	WV6482-3	6VL3161	12/30/05	12/30/05
06	PEN46SB3001	WV6482-4	6VL3162	12/30/05	12/30/05
07	PEN46SB3001D	WV6482-5	6VL3163	12/30/05	12/30/05
08	PEN46SB3002	WV6482-6	6VL3164	12/30/05	12/30/05
09	PEN46SB3003	WV6482-7	6VL3165	12/30/05	12/30/05
10	PEN46SB3101	WV6482-8	6VL3166	12/30/05	12/30/05
11	PEN46SB3102	WV6482-9	6VL3167	12/31/05	12/31/05
12	PEN46SB3103	WV6482-10	6VL3168	12/31/05	12/31/05
13	PEN45SB2501	WV6482-11	6VL3169	12/31/05	12/31/05
14	PEN45SB2502	WV6482-12	6VL3170	12/31/05	12/31/05
15	PEN45SB2503	WV6482-13	6VL3171	12/31/05	12/31/05
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM IV PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 30-DEC-2005 12:01
Report Date: 01/10/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23877-1
Client ID: WG23877-Blank
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	7.5	1.0	17	17	7.5
11104-28-2	Aroclor-1221	U	9.0	1.0	17	17	9.0
11141-16-5	Aroclor-1232	U	5.3	1.0	17	17	5.3
53469-21-9	Aroclor-1242	U	6.7	1.0	17	17	6.7
12672-29-6	Aroclor-1248	U	5.7	1.0	17	17	5.7
11097-69-1	Aroclor-1254	U	13	1.0	17	17	13
11096-82-5	Aroclor-1260	U	4.2	1.0	17	17	4.2
877-09-8	Tetrachloro-m-xylene		61%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 12/30/05
Report Date: 01/10/2006
Matrix: SOIL

Lab ID: WG23877-2 & WG23877-3
Client ID: WG23877-LCS & WG23877-LCSD
SDG: CTO367-2
Extracted by: EKC
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23877
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	167	167	NA	147	145	88	87	1	50	56-116
Aroclor-1260	167	167	NA	152	148	91	89	3	50	59-118

FORM III PEST-2

6VL3143.d & 6VL3144.d

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK3170 RF0.1: 6VK3171 RF0.25: 6VK3172
RF1: 6VK3178 RF2.5: 6VK3173 RF10: 6VK3174

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	1008	1991	4774	17632	40908	131080	2ORDR	-6.94e-003	5.434e-005	1.678e-010	1.00000	0.99000	
(2)	2362	4546	10750	41293	92830	304640	2ORDR	-1.22e-002	2.421e-005	2.842e-011	0.99998	0.99000	
(3)	1216	2377	5696	21309	49152	159300	2ORDR	-8.13e-003	4.555e-005	1.084e-010	1.00000	0.99000	
(4)	722	1432	3482	13877	33180	112340	2ORDR	1.172e-003	6.959e-005	1.728e-010	1.00000	0.99000	
(5)	800	1563	3735	13034	29685	93300	2ORDR	-1.44e-002	7.377e-005	3.598e-010	0.99999	0.99000	
Aroclor-1221				3301			2ORDR	0.00000000	3.029e-004	0.00000000	1.00000	0.99000	<
(2)				7686			2ORDR	0.00000000	1.301e-004	0.00000000	1.00000	0.99000	<
(3)				5624			2ORDR	0.00000000	1.778e-004	0.00000000	1.00000	0.99000	<
(4)				17610			2ORDR	0.00000000	5.679e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				4865			2ORDR	0.00000000	2.055e-004	0.00000000	1.00000	0.99000	<
(2)				14640			2ORDR	0.00000000	6.831e-005	0.00000000	1.00000	0.99000	<
(3)				9312			2ORDR	0.00000000	1.074e-004	0.00000000	1.00000	0.99000	<
(4)				7887			2ORDR	0.00000000	1.268e-004	0.00000000	1.00000	0.99000	<
(5)				16735			2ORDR	0.00000000	5.976e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1026	2017	4580	16012	35851	113600	2ORDR	-2.07e-002	6.141e-005	2.36e-010	0.99998	0.99000	
(2)	793	1590	3717	13823	31979	105340	2ORDR	-1.06e-002	7.092e-005	2.289e-010	0.99999	0.99000	
(3)	1761	3482	8171	30691	71569	240970	2ORDR	-1.02e-002	3.218e-005	3.887e-011	0.99999	0.99000	
(4)	921	1843	4353	16434	37883	127640	2ORDR	-1.15e-002	6.068e-005	1.392e-010	0.99999	0.99000	
(5)	576	1116	2712	10569	25419	89845	2ORDR	-3.73e-003	9.329e-005	2.01e-010	1.00000	0.99000	
Aroclor-1248	1090	2135	5270	20282	45723	155830	2ORDR	-1.3e-002	5.034e-005	8.937e-011	0.99996	0.99000	
(2)	993	1964	4881	19563	45588	159740	2ORDR	-4.98e-003	5.144e-005	7.009e-011	0.99999	0.99000	
(3)	1065	2074	5204	21337	49702	178670	2ORDR	-4.65e-003	4.775e-005	4.616e-011	0.99998	0.99000	
(4)	1284	2514	6199	24416	56158	199780	2ORDR	-1.07e-002	4.207e-005	4.028e-011	0.99997	0.99000	
(5)	765	1564	3960	17611	42753	163510	2ORDR	7.036e-003	5.707e-005	2.473e-011	0.99999	0.99000	
Aroclor-1254	1902	3677	8593	30202	71884	235460	2ORDR	-1.11e-002	3.167e-005	4.605e-011	0.99999	0.99000	
(2)	950	1908	4818	18474	46368	161370	2ORDR	5.935e-003	5.093e-005	6.813e-011	0.99998	0.99000	
(3)	1731	3432	8436	31555	78482	270560	2ORDR	1.456e-003	2.997e-005	2.582e-011	0.99999	0.99000	
(4)	1396	2745	6725	24732	62011	219810	2ORDR	-1.07e-003	3.857e-005	3.151e-011	0.99999	0.99000	
(5)	951	1883	4819	18060	45517	164200	2ORDR	2.263e-003	5.292e-005	4.853e-011	0.99999	0.99000	
Aroclor-1260	1084	2191	5334	20259	47206	154720	2ORDR	-4.79e-003	4.781e-005	1.089e-010	1.00000	0.99000	
(2)	1035	2079	5208	20731	48024	163560	2ORDR	-3.85e-003	4.8e-005	8.053e-011	0.99999	0.99000	
(3)	2120	4169	10255	44149	97577	350220	2ORDR	-9.67e-003	2.405e-005	1.296e-011	0.99990	0.99000	
(4)	1050	2063	5139	23115	51785	182790	2ORDR	-1.68e-003	4.491e-005	5.371e-011	0.99993	0.99000	
(5)	540	1091	2718	11543	25990	91046	2ORDR	-5.15e-003	8.943e-005	2.249e-010	0.99994	0.99000	
Tetrachloro-m-xylene	669	1393	3684	14543	38309	133950	2ORDR	3.838e-004	1.238e-006	1.881e-012	0.99994	0.99000	
Decachlorobiphenyl	640	1264	3073	11227	25958	83745	2ORDR	-1.77e-004	1.721e-006	7.991e-012	1.00000	0.99000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK4170 RF0.1: 6VK4171 RF0.25: 6VK4172
RF1: 6VK4178 RF2.5: 6VK4173 RF10: 6VK4174

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	4893	9335	21109	70634	153330	463190	2ORDR	-2.58e-002	1.371e-005	1.714e-011	0.99997	0.99000	
(2)	1939	3790	8985	31229	69038	214360	2ORDR	-1.91e-002	3.123e-005	7.238e-011	0.99998	0.99000	
(3)	8266	15655	35320	124310	268400	828980	2ORDR	-2.43e-002	7.967e-006	4.979e-012	0.99996	0.99000	
(4)	3310	6365	14839	52144	113700	355270	2ORDR	-2.24e-002	1.902e-005	2.588e-011	0.99996	0.99000	
(5)	2314	4657	11239	41618	91297	294740	2ORDR	-1.71e-002	2.423e-005	3.311e-011	0.99995	0.99000	
Aroclor-1221				6805			2ORDR	0.00000000	1.47e-004	0.00000000	1.00000	0.99000	<
(2)				24539			2ORDR	0.00000000	4.075e-005	0.00000000	1.00000	0.99000	<
(3)				48010			2ORDR	0.00000000	2.083e-005	0.00000000	1.00000	0.99000	<
(4)				11869			2ORDR	0.00000000	8.425e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				40705			2ORDR	0.00000000	2.457e-005	0.00000000	1.00000	0.99000	<
(2)				35664			2ORDR	0.00000000	2.804e-005	0.00000000	1.00000	0.99000	<
(3)				55204			2ORDR	0.00000000	1.811e-005	0.00000000	1.00000	0.99000	<
(4)				24174			2ORDR	0.00000000	4.137e-005	0.00000000	1.00000	0.99000	<
(5)				21934			2ORDR	0.00000000	4.559e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	3989	7646	17003	57326	125220	376290	2ORDR	-2.38e-002	1.672e-005	2.636e-011	0.99998	0.99000	
(2)	6521	12469	27864	95207	212440	662470	2ORDR	-2.32e-002	1.024e-005	7.38e-012	0.99998	0.99000	
(3)	2694	5157	11717	40649	91616	285280	2ORDR	-1.85e-002	2.373e-005	3.994e-011	0.99999	0.99000	
(4)	2408	4569	10466	34997	77509	235800	2ORDR	-2.26e-002	2.742e-005	6.4e-011	0.99998	0.99000	
(5)	2629	4993	11461	39901	89999	282900	2ORDR	-1.88e-002	2.434e-005	3.916e-011	0.99999	0.99000	
Aroclor-1248	3978	7625	17420	61770	132860	423300	2ORDR	-2.73e-002	1.65e-005	1.7e-011	0.99993	0.99000	
(2)	2486	4749	11148	40447	88393	293390	2ORDR	-2.51e-002	2.559e-005	2.926e-011	0.99993	0.99000	
(3)	4192	7953	18296	65378	141920	468470	2ORDR	-2.86e-002	1.588e-005	1.18e-011	0.99992	0.99000	
(4)	3628	6953	16199	58913	128000	423880	2ORDR	-2.6e-002	1.763e-005	1.423e-011	0.99992	0.99000	
(5)	3767	7150	16826	62378	138200	466820	2ORDR	-2.19e-002	1.658e-005	1.048e-011	0.99994	0.99000	
Aroclor-1254	1748	3394	7877	26898	59313	183520	2ORDR	-2.23e-002	3.629e-005	9.987e-011	0.99998	0.99000	
(2)	1795	3502	8228	28807	64995	207360	2ORDR	-1.84e-002	3.407e-005	6.872e-011	0.99998	0.99000	
(3)	3493	6561	15304	53307	123450	395260	2ORDR	-1.54e-002	1.808e-005	1.836e-011	0.99999	0.99000	
(4)	6331	11832	27421	92305	215480	686270	2ORDR	-1.74e-002	1.035e-005	6.183e-012	0.99999	0.99000	
(5)	5610	10656	24416	81956	190240	616580	2ORDR	-2.11e-002	1.188e-005	7.094e-012	0.99999	0.99000	
Aroclor-1260	4880	9483	22235	83217	180690	592560	2ORDR	-2.13e-002	1.237e-005	7.668e-012	0.99993	0.99000	
(2)	4055	7766	18111	65662	146310	477680	2ORDR	-2.01e-002	1.534e-005	1.181e-011	0.99997	0.99000	
(3)	7699	14712	33740	127130	281430	934820	2ORDR	-1.98e-002	8.049e-006	2.857e-012	0.99995	0.99000	
(4)	4399	8552	19921	74185	164030	550580	2ORDR	-2.13e-002	1.39e-005	7.811e-012	0.99994	0.99000	
(5)	1933	3740	8869	33229	74705	251410	2ORDR	-1.71e-002	3.064e-005	3.662e-011	0.99997	0.99000	
Tetrachloro-m-xylene	2431	5027	13175	47208	113110	364480	2ORDR	-6.67e-006	3.961e-007	4.188e-013	0.99999	0.99000	
Decachlorobiphenyl	1754	3473	8064	27882	63112	201010	2ORDR	-3.85e-004	7.018e-007	1.469e-012	0.99998	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1908

Lab File ID: 6VK3155 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1510000	1.0000000	20065.000	0.01	15.10	15.00	2RDR	<-
(2)	1.1315000	1.0000000	44876.000	0.01	13.15	15.00	2RDR	
(3)	1.1438000	1.0000000	23925.000	0.01	14.38	15.00	2RDR	
(4)	1.1366000	1.0000000	15704.000	0.01	13.66	15.00	2RDR	
(5)	1.0940000	1.0000000	14060.000	0.01	9.40	15.00	2RDR	
Average %D: 13.140								

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1908

Lab File ID: 6VK4155 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1747000	1.0000000	86856.000	0.01	17.47	15.00	2RDR	<-
(2)	1.1698000	1.0000000	36176.000	0.01	16.98	15.00	2RDR	<-
(3)	1.1492000	1.0000000	146170.00	0.01	14.92	15.00	2RDR	
(4)	1.1547000	1.0000000	59960.000	0.01	15.47	15.00	2RDR	<-
(5)	1.1496000	1.0000000	45048.000	0.01	14.96	15.00	2RDR	
Average %D: 15.960								

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1936

Lab File ID: 6VK3156 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1126000	1.0000000	22244.000	0.01	11.26	15.00	2RDR
(2)	1.0917000	1.0000000	22013.000	0.01	9.17	15.00	2RDR
(3)	1.0684000	1.0000000	43798.000	0.01	6.84	15.00	2RDR
(4)	1.0619000	1.0000000	23049.000	0.01	6.19	15.00	2RDR
(5)	1.0851000	1.0000000	11838.000	0.01	8.51	15.00	2RDR
Average %D: 8.3900							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1936

Lab File ID: 6VK4156 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1260	1.1090000	1.0000000	86706.000	0.01	10.90	15.00	2RDR	
(2)	1.1398000	1.0000000	71662.000	0.01	13.98	15.00	2RDR	
(3)	1.1113000	1.0000000	134130.00	0.01	11.13	15.00	2RDR	
(4)	1.1427000	1.0000000	80116.000	0.01	14.27	15.00	2RDR	
(5)	1.1508000	1.0000000	36520.000	0.01	15.08	15.00	2RDR	<-
Average %D: 13.070								

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/28/05 Time: 1357

Lab File ID: 6VL3067 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9414800	1.0000000	16601.000	0.01	-5.85	15.00	2RDR
(2)	0.9858800	1.0000000	39403.000	0.01	-1.41	15.00	2RDR
(3)	0.9507300	1.0000000	20089.000	0.01	-4.93	15.00	2RDR
(4)	0.9343900	1.0000000	12991.000	0.01	-6.56	15.00	2RDR
(5)	0.9565500	1.0000000	12410.000	0.01	-4.34	15.00	2RDR
Average %D: -4.620							
Aroclor-1260	0.9536600	1.0000000	19206.000	0.01	-4.63	15.00	2RDR
(2)	0.9625500	1.0000000	19497.000	0.01	-3.74	15.00	2RDR
(3)	1.0192000	1.0000000	41842.000	0.01	1.92	15.00	2RDR
(4)	0.9685400	1.0000000	21074.000	0.01	-3.15	15.00	2RDR
(5)	0.9733700	1.0000000	10656.000	0.01	-2.66	15.00	2RDR
Average %D: -2.450							
Tetrachloro-m-xylene	1.82e-002	2.e-002	702650.00	0.01	-9.00	15.00	2RDR
Decachlorobiphenyl	1.77e-002	2.e-002	497650.00	0.01	-11.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/28/05 Time: 1357

Lab File ID: 6VL4067 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.8946200	1.0000000	62281.000	0.01	-10.54	15.00	2RDR
(2)	0.8615300	1.0000000	26564.000	0.01	-13.85	15.00	2RDR
(3)	0.8970300	1.0000000	108310.00	0.01	-10.30	15.00	2RDR
(4)	0.8749300	1.0000000	44484.000	0.01	-12.51	15.00	2RDR
(5)	0.8718200	1.0000000	35006.000	0.01	-12.82	15.00	2RDR
Average %D: -12.00							
Aroclor-1260	0.9253900	1.0000000	73202.000	0.01	-7.46	15.00	2RDR
(2)	0.9490700	1.0000000	60374.000	0.01	-5.09	15.00	2RDR
(3)	0.9836100	1.0000000	119580.00	0.01	-1.64	15.00	2RDR
(4)	0.9500600	1.0000000	67318.000	0.01	-4.99	15.00	2RDR
(5)	0.9201500	1.0000000	29544.000	0.01	-7.98	15.00	2RDR
Average %D: -5.430							
Tetrachloro-m-xylene	1.71e-002	2.e-002	2073200.0	0.01	-14.50	15.00	2RDR
Decachlorobiphenyl	1.7e-002	2.e-002	1177200.0	0.01	-15.00	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/29/05 Time: 0454

Lab File ID: 6VL3097 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2169100	0.2500000	16272.000	0.01	-13.24	15.00	2RDR	
(2)	0.2347400	0.2500000	40324.000	0.01	-6.10	15.00	2RDR	
(3)	0.2203400	0.2500000	19828.000	0.01	-11.86	15.00	2RDR	
(4)	0.2163700	0.2500000	12276.000	0.01	-13.45	15.00	2RDR	
(5)	0.1960800	0.2500000	11256.000	0.01	-21.57	15.00	2RDR	<-
Average %D: -13.24								
Aroclor-1260	0.2038300	0.2500000	17284.000	0.01	-18.47	15.00	2RDR	<-
(2)	0.2035400	0.2500000	17160.000	0.01	-18.58	15.00	2RDR	<-
(3)	0.2335700	0.2500000	40244.000	0.01	-6.57	15.00	2RDR	
(4)	0.2277900	0.2500000	20316.000	0.01	-8.88	15.00	2RDR	
(5)	0.2624500	0.2500000	11880.000	0.01	4.98	15.00	2RDR	
Average %D: -9.520								
Tetrachloro-m-xylene	4.82e-003	5.e-003	712800.00	0.01	-3.60	15.00	2RDR	<-
Decachlorobiphenyl	3.54e-003	5.e-003	428000.00	0.01	-29.20	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/29/05 Time: 0454

Lab File ID: 6VL4097 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.1883200	0.2500000	61292.000	0.01	-24.67	15.00	2RDR	<-
(2)	0.1745000	0.2500000	24456.000	0.01	-30.20	15.00	2RDR	<-
(3)	0.2077200	0.2500000	114460.00	0.01	-16.91	15.00	2RDR	<-
(4)	0.1961800	0.2500000	45264.000	0.01	-21.53	15.00	2RDR	<-
(5)	0.2002400	0.2500000	35440.000	0.01	-19.90	15.00	2RDR	<-
Average %D: -22.64								
Aroclor-1260	0.1780300	0.2500000	63824.000	0.01	-28.79	15.00	2RDR	<-
(2)	0.1797100	0.2500000	51596.000	0.01	-28.12	15.00	2RDR	<-
(3)	0.2040900	0.2500000	110180.00	0.01	-18.36	15.00	2RDR	<-
(4)	0.1948500	0.2500000	61648.000	0.01	-22.06	15.00	2RDR	<-
(5)	0.1961000	0.2500000	27604.000	0.01	-21.56	15.00	2RDR	<-
Average %D: -23.76								
Tetrachloro-m-xylene	4.04e-003	5.e-003	2020400.0	0.01	-19.20	15.00	2RDR	<-
Decachlorobiphenyl	4.14e-003	5.e-003	1272400.0	0.01	-17.20	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/30/05 Time: 0330

Lab File ID: 6VL3128 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2637700	0.2500000	19628.000	0.01	5.51	15.00	2RDR	
(2)	0.2527400	0.2500000	43228.000	0.01	1.10	15.00	2RDR	
(3)	0.2594800	0.2500000	23180.000	0.01	3.79	15.00	2RDR	
(4)	0.2549300	0.2500000	14456.000	0.01	1.97	15.00	2RDR	
(5)	0.2747600	0.2500000	15388.000	0.01	9.90	15.00	2RDR	
Average %D: 4.4400								
Aroclor-1260	0.2539700	0.2500000	21388.000	0.01	1.59	15.00	2RDR	
(2)	0.2419100	0.2500000	20308.000	0.01	-3.24	15.00	2RDR	
(3)	0.2271800	0.2500000	39192.000	0.01	-9.13	15.00	2RDR	
(4)	0.2191500	0.2500000	19556.000	0.01	-12.34	15.00	2RDR	
(5)	0.2215600	0.2500000	10076.000	0.01	-11.38	15.00	2RDR	
Average %D: -6.880								
Tetrachloro-m-xylene	5.46e-003	5.e-003	815600.00	0.01	9.20	15.00	2RDR	<-
Decachlorobiphenyl	4.71e-003	5.e-003	560000.00	0.01	-5.80	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/30/05 Time: 0330

Lab File ID: 6VL4128 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2853400	0.2500000	88332.000	0.01	14.14	15.00	2RDR	
(2)	0.2846600	0.2500000	38072.000	0.01	13.86	15.00	2RDR	
(3)	0.2748800	0.2500000	146860.00	0.01	9.95	15.00	2RDR	
(4)	0.2754600	0.2500000	61352.000	0.01	10.18	15.00	2RDR	
(5)	0.2693200	0.2500000	46532.000	0.01	7.73	15.00	2RDR	
Average %D: 11.160								
Aroclor-1260	0.2619900	0.2500000	90336.000	0.01	4.80	15.00	2RDR	
(2)	0.2678400	0.2500000	74032.000	0.01	7.14	15.00	2RDR	
(3)	0.2679400	0.2500000	141210.00	0.01	7.18	15.00	2RDR	
(4)	0.2660300	0.2500000	81724.000	0.01	6.41	15.00	2RDR	
(5)	0.2642700	0.2500000	36336.000	0.01	5.71	15.00	2RDR	
Average %D: 6.2400								
Tetrachloro-m-xylene	5.72e-003	5.e-003	2848000.0	0.01	14.40	15.00	2RDR	<-
Decachlorobiphenyl	5.36e-003	5.e-003	1609600.0	0.01	7.20	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/30/05 Time: 1847

Lab File ID: 6VL3155 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0298000	1.0000000	18069.000	0.01	2.98	15.00	2RDR
(2)	1.0036000	1.0000000	40074.000	0.01	0.36	15.00	2RDR
(3)	1.0080000	1.0000000	21234.000	0.01	0.80	15.00	2RDR
(4)	1.0019000	1.0000000	13901.000	0.01	0.19	15.00	2RDR
(5)	1.0547000	1.0000000	13591.000	0.01	5.47	15.00	2RDR
Average %D: 1.9600							
Aroclor-1260	1.0107000	1.0000000	20300.000	0.01	1.07	15.00	2RDR
(2)	1.0048000	1.0000000	20322.000	0.01	0.48	15.00	2RDR
(3)	0.9902600	1.0000000	40691.000	0.01	-0.97	15.00	2RDR
(4)	0.9730200	1.0000000	21169.000	0.01	-2.70	15.00	2RDR
(5)	0.9906200	1.0000000	10839.000	0.01	-0.94	15.00	2RDR
Average %D: -0.610							
Tetrachloro-m-xylene	2.07e-002	2.e-002	801500.00	0.01	3.50	15.00	2RDR
Decachlorobiphenyl	2.03e-002	2.e-002	565150.00	0.01	1.50	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/30/05 Time: 1847

Lab File ID: 6VL4155 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0622000	1.0000000	72742.000	0.01	6.22	15.00	2RDR
(2)	1.0509000	1.0000000	31905.000	0.01	5.09	15.00	2RDR
(3)	1.0288000	1.0000000	122760.00	0.01	2.88	15.00	2RDR
(4)	1.0285000	1.0000000	51624.000	0.01	2.85	15.00	2RDR
(5)	1.0233000	1.0000000	40673.000	0.01	2.33	15.00	2RDR
Average %D: 3.8800							
Aroclor-1260	1.0095000	1.0000000	79416.000	0.01	0.95	15.00	2RDR
(2)	1.0308000	1.0000000	65232.000	0.01	3.08	15.00	2RDR
(3)	1.0600000	1.0000000	128300.00	0.01	6.00	15.00	2RDR
(4)	1.0418000	1.0000000	73433.000	0.01	4.18	15.00	2RDR
(5)	1.0626000	1.0000000	33865.000	0.01	6.26	15.00	2RDR
Average %D: 4.0900							
Tetrachloro-m-xylene	2.11e-002	2.e-002	2533000.0	0.01	5.50	15.00	2RDR
Decachlorobiphenyl	2.1e-002	2.e-002	1434200.0	0.01	5.00	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/31/05 Time: 0413

Lab File ID: 6VL3175 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2544800	0.2500000	18964.000	0.01	1.79	15.00	2RDR	
(2)	0.2419800	0.2500000	41492.000	0.01	-3.21	15.00	2RDR	
(3)	0.2434400	0.2500000	21808.000	0.01	-2.62	15.00	2RDR	
(4)	0.2344000	0.2500000	13296.000	0.01	-6.24	15.00	2RDR	
(5)	0.2574100	0.2500000	14480.000	0.01	2.96	15.00	2RDR	
Average %D: -1.480								
Aroclor-1260	0.2165700	0.2500000	18328.000	0.01	-13.37	15.00	2RDR	
(2)	0.2119600	0.2500000	17852.000	0.01	-15.22	15.00	2RDR	<-
(3)	0.2170200	0.2500000	37520.000	0.01	-13.19	15.00	2RDR	
(4)	0.2029400	0.2500000	18128.000	0.01	-18.82	15.00	2RDR	<-
(5)	0.1950400	0.2500000	8904.0000	0.01	-21.98	15.00	2RDR	<-
Average %D: -16.52								
Tetrachloro-m-xylene	5.27e-003	5.e-003	785000.00	0.01	5.40	15.00	2RDR	<-
Decachlorobiphenyl	3.7e-003	5.e-003	446000.00	0.01	-26.00	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC06 Calibration Date: 12/31/05 Time: 0413

Lab File ID: 6VL4175 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2636700	0.2500000	82332.000	0.01	5.47	15.00	2RDR	
(2)	0.2568300	0.2500000	34652.000	0.01	2.73	15.00	2RDR	
(3)	0.2556600	0.2500000	137620.00	0.01	2.26	15.00	2RDR	
(4)	0.2512600	0.2500000	56460.000	0.01	0.50	15.00	2RDR	
(5)	0.2446700	0.2500000	42584.000	0.01	-2.13	15.00	2RDR	
Average %D: 1.7600								
Aroclor-1260	0.2288200	0.2500000	79888.000	0.01	-8.47	15.00	2RDR	
(2)	0.2275800	0.2500000	63808.000	0.01	-8.97	15.00	2RDR	
(3)	0.2382900	0.2500000	126820.00	0.01	-4.68	15.00	2RDR	
(4)	0.2211500	0.2500000	69080.000	0.01	-11.54	15.00	2RDR	
(5)	0.2033600	0.2500000	28536.000	0.01	-18.66	15.00	2RDR	<-
Average %D: -10.48								
Tetrachloro-m-xylene	5.28e-003	5.e-003	2633400.0	0.01	5.60	15.00	2RDR	<-
Decachlorobiphenyl	3.79e-003	5.e-003	1176200.0	0.01	-24.20	15.00	2RDR	<-

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.44 DCB: 19.73

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	6.46	19.74
02		AR1660 0.05P	11/23/05	1646	6.45	19.73
03		AR1660 0.1PP	11/23/05	1714	6.45	19.73
04		AR1660 0.25P	11/23/05	1743	6.45	19.73
05		AR1660 2.5PP	11/23/05	1811	6.44	19.73
06		AR1660 10PPM	11/23/05	1839	6.44	19.72
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.35 DCB: 19.63

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	12/28/05	1357	6.36	19.63
02	WG23715-BLAN	WG23715-1	12/28/05	1859	6.35	19.62
03	WG23715-LCS	WG23715-2	12/28/05	1927	6.35	19.63
04	PEN46RB1202	WV6482-14	12/28/05	1956	6.35	19.63
05		AR1660 0.25P	12/29/05	0454	6.35	19.63
06		AR1660 0.25P	12/30/05	0330	6.32	19.60
07	WG23877-BLAN	WG23877-1	12/30/05	1201	6.34	19.60
08	WG23877-LCS	WG23877-2	12/30/05	1229	6.33	19.59
09	WG23877-LCSD	WG23877-3	12/30/05	1257	6.32	19.59
10		AR1660 1.0PP	12/30/05	1847	6.32	19.59
11	PEN46SB2901	WV6482-1	12/30/05	2040	6.32	19.58
12	PEN46SB2902	WV6482-2	12/30/05	2109	6.32	19.58
13	PEN46SB2903	WV6482-3	12/30/05	2137	6.32	19.59
14	PEN46SB3001	WV6482-4	12/30/05	2205	6.32	19.58
15	PEN46SB3001D	WV6482-5	12/30/05	2234	6.32	19.59
16	PEN46SB3002	WV6482-6	12/30/05	2302	6.32	19.59
17	PEN46SB3003	WV6482-7	12/30/05	2330	6.32	19.59
18	PEN46SB3101	WV6482-8	12/30/05	2359	6.32	19.58
19	PEN46SB3102	WV6482-9	12/31/05	0027	6.32	19.59
20	PEN46SB3103	WV6482-10	12/31/05	0055	6.32	19.58

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.35 DCB: 19.63

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEN45SB2501	WV6482-11	12/31/05	0124	6.32	19.59
02	PEN45SB2502	WV6482-12	12/31/05	0152	6.32	19.59
03	PEN45SB2503	WV6482-13	12/31/05	0220	6.32	19.59
04		AR1660 0.25P	12/31/05	0413	6.32	19.59
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.13 DCB: 18.54

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	5.12	18.54
02		AR1660 0.05P	11/23/05	1646	5.13	18.54
03		AR1660 0.1PP	11/23/05	1714	5.13	18.54
04		AR1660 0.25P	11/23/05	1743	5.13	18.54
05		AR1660 2.5PP	11/23/05	1811	5.13	18.54
06		AR1660 10PPM	11/23/05	1839	5.13	18.54
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.04 DCB: 18.43

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	12/28/05	1357	5.04	18.43
02	WG23715-BLAN	WG23715-1	12/28/05	1859	5.04	18.43
03	WG23715-LCS	WG23715-2	12/28/05	1927	5.04	18.43
04	PEN46RB1202	WV6482-14	12/28/05	1956	5.04	18.43
05		AR1660 0.25P	12/29/05	0454	5.04	18.43
06		AR1660 0.25P	12/30/05	0330	5.02	18.40
07	WG23877-BLAN	WG23877-1	12/30/05	1201	5.01	18.40
08	WG23877-LCS	WG23877-2	12/30/05	1229	5.02	18.40
09	WG23877-LCSD	WG23877-3	12/30/05	1257	5.02	18.40
10		AR1660 1.0PP	12/30/05	1847	5.01	18.40
11	PEN46SB2901	WV6482-1	12/30/05	2040	5.01	18.39
12	PEN46SB2902	WV6482-2	12/30/05	2109	5.01	18.39
13	PEN46SB2903	WV6482-3	12/30/05	2137	5.01	18.40
14	PEN46SB3001	WV6482-4	12/30/05	2205	5.01	18.39
15	PEN46SB3001D	WV6482-5	12/30/05	2234	5.01	18.39
16	PEN46SB3002	WV6482-6	12/30/05	2302	5.01	18.39
17	PEN46SB3003	WV6482-7	12/30/05	2330	5.01	18.39
18	PEN46SB3101	WV6482-8	12/30/05	2359	5.01	18.39
19	PEN46SB3102	WV6482-9	12/31/05	0027	5.01	18.39
20	PEN46SB3103	WV6482-10	12/31/05	0055	5.01	18.39

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.04 DCB: 18.43

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEN45SB2501	WV6482-11	12/31/05	0124	5.02	18.39
02	PEN45SB2502	WV6482-12	12/31/05	0152	5.01	18.39
03	PEN45SB2503	WV6482-13	12/31/05	0220	5.01	18.39
04		AR1660 0.25P	12/31/05	0413	5.01	18.40
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID

PEN46SB3101

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-8 Date(s) Analyzed: 12/30/05 12/30/05

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	15.03	14.97	15.11	298		
Aroclor-1260	2	15.55	15.49	15.63	272		
	3	16.15	16.08	16.22	381		
COLUMN 1	4	16.80	16.74	16.88	387		
	5	18.15	18.09	18.23	462	360	
	1	13.68	13.62	13.76	292		
	2	14.55	14.48	14.62	289		
	3	14.98	14.91	15.05	341		
COLUMN 2	4	15.89	15.82	15.96	377		
	5	17.02	16.95	17.09	444	349	3.0
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID: PEN46SB3102

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-9 Date(s) Analyzed: 12/31/05 12/31/05

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	15.04	14.97	15.11	52.7		
Aroclor-1260	2	15.56	15.49	15.63	43.7		
	3	16.15	16.08	16.22	54.3		
COLUMN 1	4	16.81	16.74	16.88	48.8		
	5					49.9	
	1	13.69	13.62	13.76	35.1		
	2	14.56	14.48	14.62	49.6		
	3	14.98	14.91	15.05	45.2		
COLUMN 2	4	15.89	15.82	15.96	70.8		
	5					50.2	0.6
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID: PEN46SB3103

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: PO No.: SDG No.: CTO367-2

Lab Sample ID: WV6482-10 Date(s) Analyzed: 12/31/05 12/31/05

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	15.04	14.97	15.11	43.8		
Aroclor-1260	2	15.56	15.49	15.63	17.8		
	3	16.15	16.08	16.22	33.8		
COLUMN 1	4	16.81	16.74	16.88	18.2		
	5					28.4	
	1	13.69	13.62	13.76	8.89		
	2	14.56	14.48	14.62	27.4		
	3	14.98	14.91	15.05	24.5		
COLUMN 2	4	15.89	15.82	15.96	50.0		
	5					27.7	2.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level: (low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23808-BLANK	WG23808-1	45	83	52						0
02	WG23808-LCS	WG23808-2	46	96	46						0
03	WG23808-LCSD	WG23808-3	45	89	49						0
04	PEN46SB2903	WV6482-3	88	86	98						0
05	PEN46SB3001	WV6482-4	78	84	94						0
06	PEN46SB3001D	WV6482-5	87	98	110						0
07	PEN46SB3002	WV6482-6	87	94	111						0
08	PEN46SB3101	WV6482-8	73	85	110						0
09	PEN46SB3102	WV6482-9	87	91	130						0
10	PEN46SB3103	WV6482-10	85	89	134						0
11	PEN45SB2501	WV6482-11	78	78	131						0
12	WG23941-BLANK	WG23941-1	78	86	92						0
13	WG23941-LCS	WG23941-2	78	95	85						0
14	WG23941-LCSD	WG23941-3	76	90	87						0
15	PEN46SB2901	WV6482-1	93	108	107						0
16	PEN46SB2902	WV6482-2	67	74	74						0
17	PEN45SB2503	WV6482-13	78	98	112						0
18	PEN45SB2502	WV6482-12DL	D	D	D						0
19	PEN45SB2501	WV6482-11DL	D	D	D						0
20	PEN46SB3003	WV6482-7	86	96	95						0
21	PEN45SB2503	WV6482-13DL	D	D	D						0
22	PEN45SB2502	WV6482-12RA	78	86	114						0
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23603-BLANK	WG23603-1	51	98	54						0
02	WG23603-LCS	WG23603-2	44	96	51						0
03	WG23603-LCSD	WG23603-3	40	93	49						0
04	PEN46RB1202	WV6482-14	56	105	52						0
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23603-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: U3112 Lab Sample ID: WG23603-1

Instrument ID: GCMS-U Date Extracted: 12/07/05

Matrix: (soil/water) WATER Date Analyzed: 12/19/05

Level: (low/med) LOW Time Analyzed: 1949

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23603-LCS	WG23603-2	U3113	12/19/05	2033
02	WG23603-LCSD	WG23603-3	U3114	12/19/05	2118
03	PEN46RB1202	WV6482-14	U3116	12/19/05	2249
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/07/05
Analysis Date: 19-DEC-2005 19:49
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23603-1
Client ID: WG23603-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23603
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		51%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		54%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/07/05
Analysis Date: 12/19/05
Report Date: 01/09/2006
Matrix: WATER

Lab ID: WG23603-2 & WG23603-3
Client ID: WG23603-LCS & WG23603-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23603
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.6	1.5	80	73	9	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	2.0	1.9	101	93	8	30	30-150
Acenaphthylene	2.0	2.0	NA	1.7	1.6	86	80	7	30	30-150
Acenaphthene	2.0	2.0	NA	1.7	1.6	86	80	7	30	30-150
Fluorene	2.0	2.0	NA	1.8	1.7	90	87	3	30	30-150
Phenanthrene	2.0	2.0	NA	1.9	1.8	97	92	5	30	30-150
Anthracene	2.0	2.0	NA	1.8	1.8	90	88	3	30	30-150
Fluoranthene	2.0	2.0	NA	1.8	1.7	88	86	1	30	30-150
Pyrene	2.0	2.0	NA	1.8	1.7	88	85	3	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	1.6	1.6	78	81	4	30	30-150
Chrysene	2.0	2.0	NA	2.0	1.8	99	92	7	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	1.7	1.6	87	82	5	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	1.9	1.8	94	92	2	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	1.8	1.8	90	88	2	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	1.6	1.6	82	80	2	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	1.6	1.6	80	79	1	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	1.7	1.7	86	84	2	30	30-150

FORM III SV-1

U3113.D & U3114.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23808-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: U3193 Lab Sample ID: WG23808-1

Instrument ID: GCMS-U Date Extracted: 12/13/05

Matrix: (soil/water) SOIL Date Analyzed: 12/27/05

Level:(low/med) LOW Time Analyzed: 1329

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23808-LCS	WG23808-2	U3194	12/27/05	1414
02	WG23808-LCSD	WG23808-3	U3195	12/27/05	1500
03	PEN46SB2903	WV6482-3	U3268	01/03/06	1547
04	PEN46SB3001	WV6482-4	U3269	01/03/06	1631
05	PEN46SB3001D	WV6482-5	U3270	01/03/06	1715
06	PEN46SB3002	WV6482-6	U3271	01/03/06	1801
07	PEN46SB3101	WV6482-8	U3273	01/03/06	1930
08	PEN46SB3102	WV6482-9	U3274	01/03/06	2014
09	PEN46SB3103	WV6482-10	U3275	01/03/06	2059
10	PEN45SB2501	WV6482-11	U3276	01/03/06	2144
11	PEN46SB2901	WV6482-1	U3282	01/04/06	1401
12	PEN46SB2902	WV6482-2	U3283	01/04/06	1446
13	PEN45SB2501	WV6482-11DL	U3287	01/04/06	1746
14	PEN46SB3003	WV6482-7RA	U3305	01/05/06	1707
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COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 27-DEC-2005 13:29
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23808-1
Client ID: WG23808-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.9	1.0	20	20	0.9
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	20	0.6
208-96-8	Acenaphthylene	U	0.5	1.0	20	20	0.5
83-32-9	Acenaphthene	U	0.7	1.0	20	20	0.7
86-73-7	Fluorene	U	0.6	1.0	20	20	0.6
85-01-8	Phenanthrene	U	1	1.0	20	20	1
120-12-7	Anthracene	U	0.8	1.0	20	20	0.8
206-44-0	Fluoranthene	U	2	1.0	20	20	2
129-00-0	Pyrene	U	2	1.0	20	20	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	20	1
218-01-9	Chrysene	U	1	1.0	20	20	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	20	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	20	1
50-32-8	Benzo(a)pyrene	U	0.8	1.0	20	20	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	20	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	20	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	20	2
7297-45-2	2-Methylnaphthalene-d10		45%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		52%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/13/05
Analysis Date: 12/27/05
Report Date: 01/09/2006
Matrix: SOIL

Lab ID: WG23808-2 & WG23808-3
Client ID: WG23808-LCS & WG23808-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23808
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	49	46	73	68	6	50	30-150
2-Methylnaphthalene	67	67	NA	73	70	109	104	4	50	30-150
Acenaphthylene	67	67	NA	54	50	80	75	7	50	30-150
Acenaphthene	67	67	NA	53	50	79	74	6	50	30-150
Fluorene	67	67	NA	57	54	86	82	4	50	30-150
Phenanthrene	67	67	NA	58	56	87	83	4	50	30-150
Anthracene	67	67	NA	54	52	82	77	5	50	30-150
Fluoranthene	67	67	NA	62	59	93	88	5	50	30-150
Pyrene	67	67	NA	55	56	82	84	2	50	30-150
Benzo(a)anthracene	67	67	NA	47	46	70	68	2	50	30-150
Chrysene	67	67	NA	63	58	95	87	8	50	30-150
Benzo(b)fluoranthene	67	67	NA	53	54	79	82	3	50	30-150
Benzo(k)fluoranthene	67	67	NA	60	59	91	88	3	50	30-150
Benzo(a)pyrene	67	67	NA	54	51	81	76	6	50	30-150
Indeno(1,2,3-cd)pyrene	67	67	NA	46	39	69	59	15	50	30-150
Dibenzo(a,h)anthracene	67	67	NA	44	37	66	56	17	50	30-150
Benzo(g,h,i)perylene	67	67	NA	49	43	73	64	13	50	30-150

FORM III SV-2

U3194.D & U3195.D

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23941-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: U3279 Lab Sample ID: WG23941-1

Instrument ID: GCMS-U Date Extracted: 12/16/05

Matrix: (soil/water) SOIL Date Analyzed: 01/04/06

Level:(low/med) LOW Time Analyzed: 1146

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23941-LCS	WG23941-2	U3280	01/04/06	1230
02	WG23941-LCSD	WG23941-3	U3281	01/04/06	1315
03	PEN45SB2503	WV6482-13	U3284	01/04/06	1531
04	PEN45SB2502	WV6482-12DL	U3285	01/04/06	1616
05	PEN45SB2503	WV6482-13DL	U3306	01/05/06	1752
06	PEN45SB2502	WV6482-12RA	U3322	01/06/06	1751
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 04-JAN-2006 11:46
Report Date: 01/09/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23941-1
Client ID: WG23941-Blank
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.9	1.0	20	20	0.9
91-57-6	2-Methylnaphthalene	U	0.6	1.0	20	20	0.6
208-96-8	Acenaphthylene	U	0.5	1.0	20	20	0.5
83-32-9	Acenaphthene	U	0.7	1.0	20	20	0.7
86-73-7	Fluorene	U	0.6	1.0	20	20	0.6
85-01-8	Phenanthrene	U	1	1.0	20	20	1
120-12-7	Anthracene	U	0.8	1.0	20	20	0.8
206-44-0	Fluoranthene	U	2	1.0	20	20	2
129-00-0	Pyrene	U	2	1.0	20	20	2
56-55-3	Benzo(a)anthracene	U	1	1.0	20	20	1
218-01-9	Chrysene	U	1	1.0	20	20	1
205-99-2	Benzo(b)fluoranthene	U	2	1.0	20	20	2
207-08-9	Benzo(k)fluoranthene	U	1	1.0	20	20	1
50-32-8	Benzo(a)pyrene	U	0.8	1.0	20	20	0.8
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	20	20	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	20	20	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	20	20	2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		92%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/04/06
Report Date: 01/09/2006
Matrix: SOIL

Lab ID: WG23941-2 & WG23941-3
Client ID: WG23941-LCS & WG23941-LCSD
SDG: CTO367-2
Extracted by: KF
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23941
Units: ug/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	67	67	NA	50	46	75	70	7	50	30-150
2-Methylnaphthalene	67	67	NA	77	73	116	110	6	50	30-150
Acenaphthylene	67	67	NA	56	53	84	80	5	50	30-150
Acenaphthene	67	67	NA	54	52	82	78	5	50	30-150
Fluorene	67	67	NA	60	59	90	88	1	50	30-150
Phenanthrene	67	67	NA	62	64	94	96	3	50	30-150
Anthracene	67	67	NA	58	61	86	92	6	50	30-150
Fluoranthene	67	67	NA	62	62	92	93	0.2	50	30-150
Pyrene	67	67	NA	57	60	86	91	5	50	30-150
Benzo(a)anthracene	67	67	NA	60	58	89	86	3	50	30-150
Chrysene	67	67	NA	59	61	88	91	4	50	30-150
Benzo(b)fluoranthene	67	67	NA	58	55	86	83	4	50	30-150
Benzo(k)fluoranthene	67	67	NA	54	58	81	87	6	50	30-150
Benzo(a)pyrene	67	67	NA	58	60	88	91	3	50	30-150
Indeno(1,2,3-cd)pyrene	67	67	NA	62	64	93	96	3	50	30-150
Dibenzo(a,h)anthracene	67	67	NA	62	62	93	93	0.2	50	30-150
Benzo(g,h,i)perylene	67	67	NA	59	60	88	91	2	50	30-150

FORM III SV-2

U3280.D & U3281.D

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD150 DFTPP Injection Date: 12/19/05

Instrument ID: GCMS-U DFTPP Injection Time: 0924

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.1
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	11.2 (79.1)2
442	40.0 - 100.0% of mass 198	75.2
443	17.0 - 23.0% of mass 442	14.2 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1219	U3099	12/19/05	0945
02		SSTD5.00U1219	U3100	12/19/05	1031
03		SSTD3.00U1219	U3101	12/19/05	1117
04		SSTD2.00U1219	U3102	12/19/05	1201
05		SSTD0.50U1219	U3103	12/19/05	1245
06		SSTD0.20U1219	U3104	12/19/05	1329
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FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date(s): 12/19/05 12/19/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 0945 1329

LAB FILE ID: RF0.2: U3104 RF0.5: U3103 RF1: U3099
RF2: U3102 RF3: U3101 RF5: U3100

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.726	0.750	0.882	0.785	0.747	0.672	AVRG		0.76035442	9.268	15.000
2-Methylnaphthalene	0.312	0.384	0.466	0.456	0.464	0.424	AVRG		0.41767849	14.423	15.000
Acenaphthylene	1.333	1.280	1.368	1.337	1.371	1.353	AVRG		1.34025992	2.493	15.000
Acenaphthene	0.878	0.865	0.887	0.868	0.861	0.849	AVRG		0.86817673	1.541	15.000
Fluorene	0.800	0.939	0.946	0.896	0.900	0.918	AVRG		0.89977496	5.880	15.000
Phenanthrene	0.705	0.752	0.776	0.815	0.763	0.821	AVRG		0.77205478	5.580	15.000
Anthracene	0.938	0.841	0.873	0.840	0.809	0.863	AVRG		0.86056584	5.094	15.000
Fluoranthene	0.682	0.675	0.662	0.649	0.617	0.698	AVRG		0.66375971	4.287	15.000
Pyrene	1.635	1.462	1.378	1.416	1.341	1.298	AVRG		1.42176698	8.371	15.000
Benzo(a)anthracene	0.746	0.697	0.810	0.757	0.760	0.830	AVRG		0.76668045	6.234	15.000
Chrysene	4951	13008	19784	36395	53747	95656	LINR	-0.1806318	1.03554362	0.99612	0.99000
Benzo(b)fluoranthene	1.084	1.057	1.129	1.040	1.040	1.138	AVRG		1.08123693	4.037	15.000
Benzo(k)fluoranthene	1.948	1.524	1.444	1.508	1.497	1.338	AVRG		1.54325033	13.584	15.000
Benzo(a)pyrene	1.233	1.042	1.056	1.036	1.051	1.038	AVRG		1.07593954	7.173	15.000
Indeno(1,2,3-cd)pyrene	1.083	0.953	1.007	0.962	1.031	1.003	AVRG		1.00647634	4.728	15.000
Dibenzo(a,h)anthracene	0.789	0.618	0.727	0.720	0.771	0.760	AVRG		0.73088937	8.385	15.000
Benzo(g,h,i)perylene	1.137	0.950	0.938	0.905	0.954	0.898	AVRG		0.96396153	9.119	15.000
2-Methylnaphthalene-d10	0.516	0.582	0.591	0.526	0.521	0.475	AVRG		0.53526773	8.120	15.000
Fluorene-d10	0.821	0.831	0.874	0.840	0.859	0.874	AVRG		0.85002550	2.612	15.000
Pyrene-d10	2.431	2.166	2.090	2.117	2.004	1.934	AVRG		2.12371617	8.090	15.000

Average %RSD test result.

Calculate Average %RSD: 9.488741875
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD151 DFTPP Injection Date: 12/19/05

Instrument ID: GCMS-U DFTPP Injection Time: 1412

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.5 (1.2)1
69	Less than 100.0% of mass 198	41.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.0
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	11.3 (79.4)2
442	40.0 - 100.0% of mass 198	74.4
443	17.0 - 23.0% of mass 442	14.3 (19.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1219	U3105	12/19/05	1434
02	WG23603-BLANK	WG23603-1	U3112	12/19/05	1949
03	WG23603-LCS	WG23603-2	U3113	12/19/05	2033
04	WG23603-LCSD	WG23603-3	U3114	12/19/05	2118
05	PEN46RB1202	WV6482-14	U3116	12/19/05	2249
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 12/19/05 Time: 1434

Lab File ID: U3105 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0945 1329

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.7600000	0.7724700	0.7724700	0.01	1.64	100.00	AVRG
2-Methylnaphthalene	0.4180000	0.4618400	0.4618400	0.01	10.49	100.00	AVRG
Acenaphthylene	1.3400000	1.3239000	1.3239000	0.01	-1.20	100.00	AVRG
Acenaphthene	0.8680000	0.8818700	0.8818700	0.01	1.60	20.00	AVRG
Fluorene	0.9000000	0.9262100	0.9262100	0.01	2.91	100.00	AVRG
Phenanthrene	0.7720000	0.7843800	0.7843800	0.01	1.60	100.00	AVRG
Anthracene	0.8610000	0.8575400	0.8575400	0.01	-0.40	100.00	AVRG
Fluoranthene	0.6640000	0.6702900	0.6702900	0.01	0.95	20.00	AVRG
Pyrene	1.4220000	1.3620000	1.3620000	0.01	-4.22	100.00	AVRG
Benzo(a)anthracene	0.7670000	0.7642100	0.7642100	0.01	-0.36	100.00	AVRG
Chrysene	1.0448000	1.0000000	1.1485000	0.01	4.48	100.00	LINR
Benzo(b)fluoranthene	1.0810000	1.0534000	1.0534000	0.01	-2.55	100.00	AVRG
Benzo(k)fluoranthene	1.5430000	1.5541000	1.5541000	0.01	0.72	100.00	AVRG
Benzo(a)pyrene	1.0760000	1.0637000	1.0637000	0.01	-1.14	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.9721200	0.9721200	0.01	-3.37	100.00	AVRG
Dibenzo(a,h)anthracene	0.7310000	0.6782600	0.6782600	0.01	-7.21	100.00	AVRG
Benzo(g,h,i)perylene	0.9640000	0.9608600	0.9608600	0.01	-0.32	100.00	AVRG
2-Methylnaphthalene-d10	0.5350000	0.5662200	0.5662200	0.01	5.84	100.00	AVRG
Fluorene-d10	0.8500000	0.9100700	0.9100700	0.01	7.07	100.00	AVRG
Pyrene-d10	2.1240000	2.0552000	2.0552000	0.01	-3.24	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD156 DFTPP Injection Date: 12/27/05

Instrument ID: GCMS-U DFTPP Injection Time: 1137

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.4
68	Less than 2.0% of mass 69	0.5 (1.0)1
69	Less than 100.0% of mass 198	47.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	19.9
365	1.0 - 100.0% of mass 198	1.8
441	0.0 - 100.0% of mass 443	9.1 (81.9)2
442	40.0 - 100.0% of mass 198	61.2
443	17.0 - 23.0% of mass 442	11.1 (18.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1227	U3192	12/27/05	1243
02	WG23808-BLANK	WG23808-1	U3193	12/27/05	1329
03	WG23808-LCS	WG23808-2	U3194	12/27/05	1414
04	WG23808-LCSD	WG23808-3	U3195	12/27/05	1500
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 12/27/05 Time: 1243

Lab File ID: U3192 Init. Calib. Date(s): 12/19/05 12/19/05

Init. Calib. Times: 0945 1329

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.7600000	0.8377000	0.8377000	0.01	10.22	100.00	AVRG
2-Methylnaphthalene	0.4180000	0.3722200	0.3722200	0.01	-10.95	100.00	AVRG
Acenaphthylene	1.3400000	1.2656000	1.2656000	0.01	-5.55	100.00	AVRG
Acenaphthene	0.8680000	0.8136800	0.8136800	0.01	-6.26	20.00	AVRG
Fluorene	0.9000000	0.8791100	0.8791100	0.01	-2.32	100.00	AVRG
Phenanthrene	0.7720000	0.6888300	0.6888300	0.01	-10.77	100.00	AVRG
Anthracene	0.8610000	0.8411500	0.8411500	0.01	-2.30	100.00	AVRG
Fluoranthene	0.6640000	0.6661500	0.6661500	0.01	0.32	20.00	AVRG
Pyrene	1.4220000	1.3066000	1.3066000	0.01	-8.12	100.00	AVRG
Benzo(a)anthracene	0.7670000	0.5394300	0.5394300	0.01	-29.67	100.00	AVRG
Chrysene	1.0382000	1.0000000	1.1421000	0.01	3.82	100.00	LINR
Benzo(b)fluoranthene	1.0810000	0.8105000	0.8105000	0.01	-25.02	100.00	AVRG
Benzo(k)fluoranthene	1.5430000	1.5069000	1.5069000	0.01	-2.34	100.00	AVRG
Benzo(a)pyrene	1.0760000	0.9264900	0.9264900	0.01	-13.90	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.8356100	0.8356100	0.01	-16.94	100.00	AVRG
Dibenzo(a,h)anthracene	0.7310000	0.5697200	0.5697200	0.01	-22.06	100.00	AVRG
Benzo(g,h,i)perylene	0.9640000	0.8765800	0.8765800	0.01	-9.07	100.00	AVRG
2-Methylnaphthalene-d10	0.5350000	0.3230400	0.3230400	0.01	-39.62	100.00	AVRG
Fluorene-d10	0.8500000	0.9328700	0.9328700	0.01	9.75	100.00	AVRG
Pyrene-d10	2.1240000	1.1524000	1.1524000	0.01	-45.74	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD158 DFTPP Injection Date: 12/29/05

Instrument ID: GCMS-U DFTPP Injection Time: 1023

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.3 (0.7)1
69	Less than 100.0% of mass 198	43.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.9
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	20.8
365	1.0 - 100.0% of mass 198	2.1
441	0.0 - 100.0% of mass 443	10.9 (80.3)2
442	40.0 - 100.0% of mass 198	71.6
443	17.0 - 23.0% of mass 442	13.5 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1229	U3226	12/29/05	1132
02		SSTD5.00U1229	U3227	12/29/05	1232
03		SSTD3.00U1229	U3228	12/29/05	1317
04		SSTD2.00U1229	U3229	12/29/05	1402
05		SSTD0.50U1229	U3230	12/29/05	1448
06		SSTD0.20U1229	U3231	12/29/05	1533
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FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date(s): 12/29/05 12/29/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1132 1533

LAB FILE ID: RF0.2: U3231 RF0.5: U3230 RF1: U3226
RF2: U3229 RF3: U3228 RF5: U3227

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.625	0.627	0.730	0.595	0.622	0.622	AVRG		0.63667545	7.410	15.000
2-Methylnaphthalene	3988	10946	25169	55888	94188	149940	LINR	0.14500482	2.37650221	0.99730	0.99000
Acenaphthylene	1.079	1.096	1.141	1.103	1.183	1.240	AVRG		1.14017359	5.384	15.000
Acenaphthene	0.721	0.720	0.730	0.705	0.747	0.775	AVRG		0.73320486	3.359	15.000
Fluorene	0.773	0.713	0.775	0.720	0.794	0.829	AVRG		0.76745068	5.799	15.000
Phenanthrene	0.597	0.622	0.637	0.639	0.734	0.749	AVRG		0.66296121	9.485	15.000
Anthracene	0.725	0.726	0.704	0.709	0.758	0.784	AVRG		0.73437375	4.208	15.000
Fluoranthene	0.566	0.576	0.554	0.593	0.646	0.646	AVRG		0.59682865	6.716	15.000
Pyrene	1.202	1.158	1.119	1.075	1.119	1.092	AVRG		1.12749452	4.102	15.000
Benzo(a)anthracene	1667	5053	12133	29618	58462	88156	LINR	0.20731456	1.48063409	0.99451	0.99000
Chrysene	6444	13665	22822	52355	83003	116590	LINR	-0.1396917	1.15098277	0.99885	0.99000
Benzo(b)fluoranthene	1997	5362	13147	31836	53251	84515	LINR	0.11990356	1.08586014	0.99871	0.99000
Benzo(k)fluoranthene	1.586	1.387	1.272	1.236	1.319	1.262	AVRG		1.34366496	9.685	15.000
Benzo(a)pyrene	0.901	0.854	0.844	0.841	0.896	0.920	AVRG		0.87611970	3.837	15.000
Indeno(1,2,3-cd)pyrene	0.786	0.760	0.757	0.757	0.790	0.937	AVRG		0.79802961	8.742	15.000
Dibenzo(a,h)anthracene	0.565	0.697	0.531	0.536	0.567	0.698	AVRG		0.59898070	12.945	15.000
Benzo(g,h,i)perylene	0.826	0.869	0.769	0.764	0.768	0.884	AVRG		0.81339932	6.686	15.000
2-Methylnaphthalene-d10	0.256	0.300	0.292	0.267	0.283	0.278	AVRG		0.27934106	5.799	15.000
Fluorene-d10	0.730	0.764	0.815	0.752	0.826	0.836	AVRG		0.78719098	5.616	15.000
Pyrene-d10	1.086	1.014	0.980	0.957	0.984	0.973	AVRG		0.99901579	4.649	15.000

Average %RSD test result.

Calculate Average %RSD: 8.354289055
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD160 DFTPP Injection Date: 01/03/06

Instrument ID: GCMS-U DFTPP Injection Time: 1013

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.7
68	Less than 2.0% of mass 69	0.8 (1.8)1
69	Less than 100.0% of mass 198	42.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	12.2 (80.0)2
442	40.0 - 100.0% of mass 198	80.6
443	17.0 - 23.0% of mass 442	15.3 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0103	U3261	01/03/06	1033
02	PEN46SB2903	WV6482-3	U3268	01/03/06	1547
03	PEN46SB3001	WV6482-4	U3269	01/03/06	1631
04	PEN46SB3001D	WV6482-5	U3270	01/03/06	1715
05	PEN46SB3002	WV6482-6	U3271	01/03/06	1801
06	PEN46SB3101	WV6482-8	U3273	01/03/06	1930
07	PEN46SB3102	WV6482-9	U3274	01/03/06	2014
08	PEN46SB3103	WV6482-10	U3275	01/03/06	2059
09	PEN45SB2501	WV6482-11	U3276	01/03/06	2144
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 01/03/06 Time: 1033

Lab File ID: U3261 Init. Calib. Date(s): 12/29/05 12/29/05

Init. Calib. Times: 1132 1533

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.6370000	0.7349800	0.7349800	0.01	15.38	100.00	AVRG
2-Methylnaphthalene	0.9380900	1.0000000	0.3459200	0.01	-6.19	100.00	LINR
Acenaphthylene	1.1400000	1.1565000	1.1565000	0.01	1.45	100.00	AVRG
Acenaphthene	0.7330000	0.7536100	0.7536100	0.01	2.81	20.00	AVRG
Fluorene	0.7670000	0.7731900	0.7731900	0.01	0.81	100.00	AVRG
Phenanthrene	0.6630000	0.6427100	0.6427100	0.01	-3.06	100.00	AVRG
Anthracene	0.7340000	0.7378100	0.7378100	0.01	0.52	100.00	AVRG
Fluoranthene	0.5970000	0.6106200	0.6106200	0.01	2.28	20.00	AVRG
Pyrene	1.1280000	1.1838000	1.1838000	0.01	4.95	100.00	AVRG
Benzo(a)anthracene	0.9221700	1.0000000	0.5108100	0.01	-7.78	100.00	LINR
Chrysene	1.1305000	1.0000000	1.0793000	0.01	13.05	100.00	LINR
Benzo(b)fluoranthene	0.8153900	1.0000000	0.6625800	0.01	-18.46	100.00	LINR
Benzo(k)fluoranthene	1.3440000	1.5290000	1.5290000	0.01	13.76	100.00	AVRG
Benzo(a)pyrene	0.8760000	0.8980200	0.8980200	0.01	2.51	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.7980000	0.5192300	0.5192300	0.01	-34.93	100.00	AVRG
Dibenzo(a,h)anthracene	0.5990000	0.4290600	0.4290600	0.01	-28.37	100.00	AVRG
Benzo(g,h,i)perylene	0.8130000	0.6023600	0.6023600	0.01	-25.91	100.00	AVRG
2-Methylnaphthalene-d10	0.2790000	0.2918300	0.2918300	0.01	4.60	100.00	AVRG
Fluorene-d10	0.7870000	0.8188200	0.8188200	0.01	4.04	100.00	AVRG
Pyrene-d10	0.9990000	1.0590000	1.0590000	0.01	6.01	100.00	AVRG

FORM VII PEST

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD161 DFTPP Injection Date: 01/04/06

Instrument ID: GCMS-U DFTPP Injection Time: 1041

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	42.0
68	Less than 2.0% of mass 69	0.8 (1.8)1
69	Less than 100.0% of mass 198	44.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	11.0 (79.1)2
442	40.0 - 100.0% of mass 198	71.9
443	17.0 - 23.0% of mass 442	13.9 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0104	U3278	01/04/06	1101
02	WG23941-BLANK	WG23941-1	U3279	01/04/06	1146
03	WG23941-LCS	WG23941-2	U3280	01/04/06	1230
04	WG23941-LCSD	WG23941-3	U3281	01/04/06	1315
05	PEN46SB2901	WV6482-1	U3282	01/04/06	1401
06	PEN46SB2902	WV6482-2	U3283	01/04/06	1446
07	PEN45SB2503	WV6482-13	U3284	01/04/06	1531
08	PEN45SB2502	WV6482-12DL	U3285	01/04/06	1616
09	PEN45SB2501	WV6482-11DL	U3287	01/04/06	1746
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 01/04/06 Time: 1101

Lab File ID: U3278 Init. Calib. Date(s): 12/29/05 12/29/05

Init. Calib. Times: 1132 1533

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.6370000	0.6281200	0.6281200	0.01	-1.39	100.00	AVRG
2-Methylnaphthalene	0.9989400	1.0000000	0.3715300	0.01	-0.11	100.00	LINR
Acenaphthylene	1.1400000	1.1327000	1.1327000	0.01	-0.64	100.00	AVRG
Acenaphthene	0.7330000	0.7147800	0.7147800	0.01	-2.48	20.00	AVRG
Fluorene	0.7670000	0.7686000	0.7686000	0.01	0.21	100.00	AVRG
Phenanthrene	0.6630000	0.6383000	0.6383000	0.01	-3.72	100.00	AVRG
Anthracene	0.7340000	0.7194100	0.7194100	0.01	-1.99	100.00	AVRG
Fluoranthene	0.5970000	0.5750300	0.5750300	0.01	-3.68	20.00	AVRG
Pyrene	1.1280000	1.0973000	1.0973000	0.01	-2.72	100.00	AVRG
Benzo(a)anthracene	1.1420000	1.0000000	0.6593000	0.01	14.20	100.00	LINR
Chrysene	0.8772700	1.0000000	0.8592900	0.01	-12.27	100.00	LINR
Benzo(b)fluoranthene	0.9814800	1.0000000	0.8155300	0.01	-1.85	100.00	LINR
Benzo(k)fluoranthene	1.3440000	1.1690000	1.1690000	0.01	-13.02	100.00	AVRG
Benzo(a)pyrene	0.8760000	0.8149800	0.8149800	0.01	-6.96	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.7980000	0.6901000	0.6901000	0.01	-13.52	100.00	AVRG
Dibenzo(a,h)anthracene	0.5990000	0.5098400	0.5098400	0.01	-14.88	100.00	AVRG
Benzo(g,h,i)perylene	0.8130000	0.6461000	0.6461000	0.01	-20.53	100.00	AVRG
2-Methylnaphthalene-d10	0.2790000	0.2973600	0.2973600	0.01	6.58	100.00	AVRG
Fluorene-d10	0.7870000	0.7568000	0.7568000	0.01	-3.84	100.00	AVRG
Pyrene-d10	0.9990000	0.9637300	0.9637300	0.01	-3.53	100.00	AVRG

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD162 DFTPP Injection Date: 01/05/06

Instrument ID: GCMS-U DFTPP Injection Time: 0912

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.0
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Less than 100.0% of mass 198	43.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.0
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	11.2 (76.4)2
442	40.0 - 100.0% of mass 198	76.3
443	17.0 - 23.0% of mass 442	14.7 (19.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0105	U3295	01/05/06	0932
02	PEN46SB3003	WV6482-7	U3305	01/05/06	1707
03	PEN45SB2503	WV6482-13DL	U3306	01/05/06	1752
04					
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 01/05/06 Time: 0932

Lab File ID: U3295 Init. Calib. Date(s): 12/29/05 12/29/05

Init. Calib. Times: 1132 1533

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.6370000	0.7206400	0.7206400	0.01	13.13	100.00	AVRG
2-Methylnaphthalene	0.9803100	1.0000000	0.3636900	0.01	-1.97	100.00	LINR
Acenaphthylene	1.1400000	1.1357000	1.1357000	0.01	-0.38	100.00	AVRG
Acenaphthene	0.7330000	0.7330400	0.7330400	0.01	0.00	20.00	AVRG
Fluorene	0.7670000	0.7812600	0.7812600	0.01	1.86	100.00	AVRG
Phenanthrene	0.6630000	0.6523200	0.6523200	0.01	-1.61	100.00	AVRG
Anthracene	0.7340000	0.7244800	0.7244800	0.01	-1.30	100.00	AVRG
Fluoranthene	0.5970000	0.5871400	0.5871400	0.01	-1.65	20.00	AVRG
Pyrene	1.1280000	1.0524000	1.0524000	0.01	-6.70	100.00	AVRG
Benzo(a)anthracene	1.0439000	1.0000000	0.5930000	0.01	4.39	100.00	LINR
Chrysene	0.9812200	1.0000000	0.9496000	0.01	-1.88	100.00	LINR
Benzo(b)fluoranthene	0.8943500	1.0000000	0.7353000	0.01	-10.56	100.00	LINR
Benzo(k)fluoranthene	1.3440000	1.1874000	1.1874000	0.01	-11.65	100.00	AVRG
Benzo(a)pyrene	0.8760000	0.8075400	0.8075400	0.01	-7.82	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.7980000	0.6855700	0.6855700	0.01	-14.09	100.00	AVRG
Dibenzo(a,h)anthracene	0.5990000	0.4978600	0.4978600	0.01	-16.88	100.00	AVRG
Benzo(g,h,i)perylene	0.8130000	0.7186600	0.7186600	0.01	-11.60	100.00	AVRG
2-Methylnaphthalene-d10	0.2790000	0.2954700	0.2954700	0.01	5.90	100.00	AVRG
Fluorene-d10	0.7870000	0.7799500	0.7799500	0.01	-0.90	100.00	AVRG
Pyrene-d10	0.9990000	0.9445000	0.9445000	0.01	-5.46	100.00	AVRG

FORM VII PEST

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD163 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.3
68	Less than 2.0% of mass 69	0.6 (1.2)1
69	Less than 100.0% of mass 198	45.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.1 (76.0)2
442	40.0 - 100.0% of mass 198	66.0
443	17.0 - 23.0% of mass 442	13.3 (20.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3313	01/06/06	1043
02		SSTD5.00U0106	U3314	01/06/06	1129
03		SSTD3.00U0106	U3315	01/06/06	1213
04		SSTD2.00U0106	U3316	01/06/06	1259
05		SSTD0.50U0106	U3317	01/06/06	1345
06		SSTD0.20U0106	U3318	01/06/06	1431
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date(s): 01/06/06 01/06/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1043 1431

LAB FILE ID: RF0.2: U3318 RF0.5: U3317 RF1: U3313
RF2: U3316 RF3: U3315 RF5: U3314

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.748	0.845	0.888	0.781	0.864	0.790	AVRG		0.81942131		6.646	15.000
2-Methylnaphthalene	2148	8671	25707	39597	76754	111370	LINR	0.13644346	1.83285234		0.99645	0.99000
Acenaphthylene	1.504	1.469	1.559	1.450	1.678	1.629	AVRG		1.54823908		5.864	15.000
Acenaphthene	1.024	0.966	0.997	0.919	1.039	1.010	AVRG		0.99268457		4.401	15.000
Fluorene	1.015	0.958	1.021	0.936	1.112	1.076	AVRG		1.01980715		6.580	15.000
Phenanthrene	0.739	0.830	0.912	0.818	0.998	0.928	AVRG		0.87063587		10.629	15.000
Anthracene	1.019	0.935	0.971	0.939	1.038	1.000	AVRG		0.98376771		4.304	15.000
Fluoranthene	0.767	0.761	0.818	0.724	0.872	0.790	AVRG		0.78867736		6.537	15.000
Pyrene	1.728	1.542	1.412	1.429	1.532	1.513	AVRG		1.52572543		7.391	15.000
Benzo(a)anthracene	1045	4683	17109	17483	43877	60112	2ORDR	5.729e-002	1.50495209	-6.37e-002	0.99143	0.99000
Chrysene	4637	12700	25021	37662	73897	86215	LINR	-9.06e-002	0.82329122		0.99792	0.99000
Benzo(b)fluoranthene	1183	4542	13641	15533	39018	55734	2ORDR	4.196e-002	1.14779931	-4.13e-002	0.99618	0.99000
Benzo(k)fluoranthene	2.089	1.914	1.708	1.889	1.986	1.773	AVRG		1.89320240		7.333	15.000
Benzo(a)pyrene	1.020	1.104	1.158	1.096	1.251	1.231	AVRG		1.14342070		7.673	15.000
Indeno(1,2,3-cd)pyrene	0.934	0.900	0.906	0.985	1.186	1.124	AVRG		1.00583087		12.016	15.000
Dibenzo(a,h)anthracene	0.769	0.664	0.647	0.686	0.843	0.812	AVRG		0.73658082		11.173	15.000
Benzo(g,h,i)perylene	1.304	1.166	0.994	1.111	1.226	1.113	AVRG		1.15255152		9.272	15.000
2-Methylnaphthalene-d10	0.328	0.395	0.409	0.343	0.389	0.354	AVRG		0.36977689		8.816	15.000
Fluorene-d10	0.955	1.129	1.056	0.990	1.156	1.120	AVRG		1.06787588		7.613	15.000
Pyrene-d10	1.481	1.338	1.253	1.255	1.344	1.326	AVRG		1.33297332		6.237	15.000

Average %RSD test result.

Calculate Average %RSD: 9.576690674
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: UD164 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1515

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	42.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.9 (78.8)2
442	40.0 - 100.0% of mass 198	73.0
443	17.0 - 23.0% of mass 442	13.9 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3319	01/06/06	1536
02	PEN45SB2502	WV6482-12RA	U3322	01/06/06	1751
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GCMS-U Calibration Date: 01/06/06 Time: 1536

Lab File ID: U3319 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.8691200	0.8691200	0.01	6.12	100.00	AVRG
2-Methylnaphthalene	0.8760500	1.0000000	0.4184100	0.01	-12.40	100.00	LINR
Acenaphthylene	1.5480000	1.5200000	1.5200000	0.01	-1.81	100.00	AVRG
Acenaphthene	0.9920000	0.9943100	0.9943100	0.01	0.23	20.00	AVRG
Fluorene	1.0200000	0.9858000	0.9858000	0.01	-3.35	100.00	AVRG
Phenanthrene	0.8710000	0.8632300	0.8632300	0.01	-0.89	100.00	AVRG
Anthracene	0.9840000	0.9545400	0.9545400	0.01	-2.99	100.00	AVRG
Fluoranthene	0.7890000	0.7149200	0.7149200	0.01	-9.39	20.00	AVRG
Pyrene	1.5260000	1.5071000	1.5071000	0.01	-1.24	100.00	AVRG
Benzo(a)anthracene	0.6700000	0.5539000	0.5539000	0.01	-17.33	100.00	AVRG
Chrysene	1.1205000	1.0000000	1.4490000	0.01	12.05	100.00	LINR
Benzo(b)fluoranthene	0.9220000	0.6738000	0.6738000	0.01	-26.92	100.00	AVRG
Benzo(k)fluoranthene	1.8930000	1.9780000	1.9780000	0.01	4.49	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1009000	1.1009000	0.01	-3.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.8967600	0.8967600	0.01	-10.86	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.7880100	0.7880100	0.01	6.92	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	1.1448000	1.1448000	0.01	-0.62	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3569400	0.3569400	0.01	-3.53	100.00	AVRG
Fluorene-d10	1.0680000	1.0670000	1.0670000	0.01	-0.09	100.00	AVRG
Pyrene-d10	1.3330000	1.3340000	1.3340000	0.01	0.08	100.00	AVRG

FORM VII PEST

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23845-BLANK	WG23845-1	120J	132J							2
02	WG23845-LCS	WG23845-2	119J	130J							2
03	WG23845-LCSD	WG23845-3	111	124J							1
04	PEN46SB2901	WV6482-1	115	122J							1
05	PEN46SB2902	WV6482-2	110	122J							1
06	PEN46SB2903	WV6482-3	129J	143J							2
07	PEN46SB3001	WV6482-4	115	116J							1
08	PEN46SB3001D	WV6482-5	115	107							0
09	PEN46SB3002	WV6482-6	112	106							0
10	PEN46SB3003	WV6482-7	112	105							0
11	PEN46SB3103	WV6482-10	108	102							0
12	PEN45SB2501	WV6482-11DL	90	87							0
13	PEN45SB2502	WV6482-12	94	90							0
14	PEN45SB2503	WV6482-13	109	105							0
15	PEN46SB3101	WV6482-8RA	109	106							0
16	PEN46SB3102	WV6482-9RA	105	101							0
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 2
WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23712-BLANK	WG23712-1	133	137							0
02	WG23712-LCS	WG23712-2	108	145J							1
03	WG23712-LCSD	WG23712-3	128	144J							1
04	PEN46RB1202	WV6482-14	105	117							0
05											
06											
07											
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23712-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: CVL2055 Lab Sample ID: WG23712-1

Instrument ID: GC12 Date Extracted: 12/09/05

Matrix: (soil/water) WATER Date Analyzed: 12/15/05

Level: (low/med) LOW Time Analyzed: 1722

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23712-LCS	WG23712-2	CVL2056	12/15/05	1833
02	WG23712-LCSD	WG23712-3	CVL2057	12/15/05	1943
03	PEN46RB1202	WV6482-14	CVL2058	12/15/05	2054
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
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25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 15-DEC-2005 17:22
Report Date: 01/11/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23712-1
Client ID: WG23712-Blank
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		133%				
	O-Terphenyl		137%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/09/05
Analysis Date: 12/15/05
Report Date: 01/11/2006
Matrix: WATER

Lab ID: WG23712-2 & WG23712-3
Client ID: WG23712-LCS & WG23712-LCSD
SDG: CTO367-2
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23712
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	2000	2000	118	118	0.0	30	55-118

FORM III SV-1

CVL2056.d & CVL2057.d

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23845-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab File ID: CWA2004 Lab Sample ID: WG23845-1

Instrument ID: GC12 Date Extracted: 12/14/05

Matrix: (soil/water) SOIL Date Analyzed: 01/03/06

Level: (low/med) LOW Time Analyzed: 1259

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG23845-LCS	WG23845-2	CWA2005	01/03/06	1409
02	WG23845-LCSD	WG23845-3	CWA2006	01/03/06	1519
03	PEN46SB2901	WV6482-1	CWA2007	01/03/06	1629
04	PEN46SB2902	WV6482-2	CWA2008	01/03/06	1739
05	PEN46SB2903	WV6482-3	CWA2009	01/03/06	1849
06	PEN46SB3001	WV6482-4	CWA2010	01/03/06	1959
07	PEN46SB3001D	WV6482-5	CWA2011	01/03/06	2109
08	PEN46SB3002	WV6482-6	CWA2012	01/03/06	2219
09	PEN46SB3003	WV6482-7	CWA2013	01/03/06	2329
10	PEN46SB3103	WV6482-10	CWA2019	01/04/06	0630
11	PEN45SB2501	WV6482-11DL	CWA2020	01/04/06	0740
12	PEN45SB2502	WV6482-12	CWA2021	01/04/06	0850
13	PEN45SB2503	WV6482-13	CWA2022	01/04/06	1000
14	PEN46SB3101	WV6482-8RA	CWA2108	01/10/06	2140
15	PEN46SB3102	WV6482-9RA	CWA2109	01/10/06	2250
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 03-JAN-2006 12:59
Report Date: 01/12/2006
Matrix: SOIL
% Solids: 100

Lab ID: WG23845-1
Client ID: WG23845-Blank
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	12	1.0	20	20	2.2
	n-Triacontane-D62		J120%				
	O-Terphenyl		J132%				

CWA2004.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 01/03/06
Report Date: 01/11/2006
Matrix: SOIL

Lab ID: WG23845-2 & WG23845-3
Client ID: WG23845-LCS & WG23845-LCSD
SDG: CTO367-2
Extracted by: GN
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG23845
Units: mg/Kg

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	57	57	NA	70	68	124	120	3	50	63-153

FORM III SV-2

CWA2005.d & CWA2006.d

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date(s): 11/19/05 11/19/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1436 1916

LAB FILE ID: RF5: CVK4002 RF20: CVK4003 RF50: CVK4004
RF100: CVK4005 RF200: CVK4006

							COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
C-8	18338	75785	189030	368800	746240	LINR	-7.83e-002	2.685e-004	0.99994	0.99000
C-10	18483	76154	191960	374190	765800	LINR	0.26042469	2.618e-004	0.99986	0.99000
C-12	20271	78236	192490	373170	764990	LINR	-4.16e-002	2.626e-004	0.99981	0.99000
C-14	20774	83134	194350	373730	760380	LINR	-0.6719443	2.646e-004	0.99979	0.99000
C-16	23921	80541	194240	377870	765600	LINR	-0.6549970	2.627e-004	0.99988	0.99000
C-18	21407	76511	193270	378390	766390	LINR	-0.1323092	2.617e-004	0.99994	0.99000
C-20	20912	76150	190000	375020	760770	LINR	-1.18e-002	2.636e-004	0.99994	0.99000
C-22	19931	75005	188220	376500	765460	LINR	0.34954625	2.617e-004	0.99992	0.99000
C-24	12579	57680	184940	369970	752530	LINR	1.99697815	2.635e-004	0.99956	0.99000
C-26	19263	76923	185580	373120	759740	LINR	0.29950645	2.638e-004	0.99989	0.99000
C-28	19307	76981	185190	371740	758110	LINR	0.29165544	2.645e-004	0.99987	0.99000
C-30	22552	78539	188510	375750	761120	LINR	-0.2260476	2.638e-004	0.99991	0.99000
C-36	21097	95253	196380	359200	736670	LINR	-2.0872768	2.751e-004	0.99872	0.99000
Petroleum Range Organics	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
FL-PRO peaks C8-C40	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
C-38	35252	119420	168860	354160	723760	LINR	-3.6184126	2.831e-004	0.99439	0.99000
C-40	26544	91584	150270	357100	722040	LINR	-0.1267911	2.789e-004	0.99648	0.99000
C-32	19177	80538	181970	370090	751350	LINR	4.491e-002	2.671e-004	0.99980	0.99000
C-34	15274	85113	177310	377040	768890	LINR	0.70895020	2.604e-004	0.99930	0.99000
n-Triacontane-D62	3310.30	3295.20	3112.00	3288.40	3371.60	AVRG		3275.48600	2.965	40.000
O-Terphenyl	4199.60	4038.70	4027.50	4127.00	4257.90	AVRG		4130.11200	2.422	40.000

FORM VI FL-PRO

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4002.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4003.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4004.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4005.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4006.d

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M	1 FL-PRO peaks C8-C40	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	2 C-8	18338	75785	189028	368798	746245	LINR	-0.07835	3724		0.99994
	3 C-10	18483	76154	191956	374192	765799	LINR	0.26042	3820		0.99986
	4 C-12	20271	78236	192489	373169	764994	LINR	-0.04164	3809		0.99981
	5 C-14	20774	83134	194351	373732	760385	LINR	-0.67194	3779		0.99979
	6 C-16	23921	80541	194239	377869	765601	LINR	-0.65500	3806		0.99989
S	7 Petroleum Range Organics	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	8 C-18	21407	76511	193274	378388	766387	LINR	-0.13231	3821		0.99994
	10 C-20	20912	76150	190000	375019	760771	LINR	-0.01177	3794		0.99994
	11 C-22	19931	75005	188220	376505	765465	LINR	0.34955	3822		0.99992
	12 C-24	12579	57680	184943	369971	752531	LINR	1.99698	3795		0.99956
	13 C-26	19263	76923	185580	373118	759744	LINR	0.29951	3791		0.99989
	14 C-28	19307	76981	185193	371739	758111	LINR	0.29166	3781		0.99987
	16 C-30	22552	78539	188507	375747	761122	LINR	-0.22605	3790		0.99991
	17 C-32	19177	80538	181969	370086	751351	LINR	0.04491	3744		0.99980

Sample Data Summary A0000699

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
$ 9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
$ 15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Sample Data Summary A0000700

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Sample Data Summary A0000701

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 12/15/05 Time: 1016

Lab File ID: CVL2049 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	56.681000	50.000000	4150.7000	0.01	13.36	25.00	LINR
C-8	53.902000	50.000000	4020.3000	0.01	7.80	25.00	LINR
C-10	52.994000	50.000000	4029.0000	0.01	5.99	25.00	LINR
C-12	51.078000	50.000000	3893.8000	0.01	2.16	25.00	LINR
C-14	51.144000	50.000000	3916.3000	0.01	2.29	25.00	LINR
C-16	53.272000	50.000000	4104.8000	0.01	6.54	25.00	LINR
C-18	54.418000	50.000000	4168.9000	0.01	8.84	25.00	LINR
C-28	57.076000	50.000000	4294.3000	0.01	14.15	25.00	LINR
C-20	54.742000	50.000000	4154.3000	0.01	9.48	25.00	LINR
C-22	55.083000	50.000000	4183.5000	0.01	10.17	25.00	LINR
FL-PRO peaks C8-C40	901.41000	850.00000	4006.8000	0.01	6.05	25.00	LINR
C-26	56.746000	50.000000	4279.2000	0.01	13.49	25.00	LINR
C-38	41.252000	50.000000	3170.2000	0.01	-17.50	25.00	LINR
C-40	41.364000	50.000000	2975.8000	0.01	-17.27	25.00	LINR
C-30	56.803000	50.000000	4323.1000	0.01	13.61	25.00	LINR
C-32	58.236000	50.000000	4357.8000	0.01	16.47	25.00	LINR
C-34	59.822000	50.000000	4539.7000	0.01	19.64	25.00	LINR
C-36	46.799000	50.000000	3553.9000	0.01	-6.40	25.00	LINR
O-Terphenyl	4130.1000	4341.0000	4341.0000	0.01	5.11	25.00	AVRG
n-Triacontane-D62	3275.5000	3539.8000	3539.8000	0.01	8.07	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 12/16/05 Time: 0616

Lab File ID: CVL2066 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.006000	20.000000	4366.2000	0.01	25.03	25.00	LINR	<-
C-8	21.991000	20.000000	4109.2000	0.01	9.96	25.00	LINR	
C-10	23.067000	20.000000	4356.3000	0.01	15.34	25.00	LINR	
C-12	23.128000	20.000000	4412.0000	0.01	15.64	25.00	LINR	
C-14	22.344000	20.000000	4348.8000	0.01	11.72	25.00	LINR	
C-16	22.655000	20.000000	4435.8000	0.01	13.28	25.00	LINR	
C-18	22.904000	20.000000	4401.2000	0.01	14.52	25.00	LINR	
C-28	23.655000	20.000000	4417.0000	0.01	18.28	25.00	LINR	
C-20	23.188000	20.000000	4400.4000	0.01	15.94	25.00	LINR	
C-22	23.504000	20.000000	4424.5000	0.01	17.52	25.00	LINR	
FL-PRO peaks C8-C40	393.31000	340.00000	4386.0000	0.01	15.68	25.00	LINR	
C-26	23.534000	20.000000	4403.4000	0.01	17.67	25.00	LINR	
C-38	20.918000	20.000000	4334.0000	0.01	4.59	25.00	LINR	
C-40	22.200000	20.000000	4003.4000	0.01	11.00	25.00	LINR	
C-30	23.400000	20.000000	4477.4000	0.01	17.00	25.00	LINR	
C-32	23.835000	20.000000	4453.9000	0.01	19.18	25.00	LINR	
C-34	24.889000	20.000000	4642.4000	0.01	24.44	25.00	LINR	
C-36	23.095000	20.000000	4576.7000	0.01	15.48	25.00	LINR	
O-Terphenyl	4130.1000	4690.9000	4690.9000	0.01	13.58	25.00	AVRG	
n-Triacontane-D62	3275.5000	3770.5000	3770.5000	0.01	15.11	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 01/03/06 Time: 1141

Lab File ID: CWA2003 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	55.306000	50.000000	4046.3000	0.01	10.61	25.00	LINR
C-8	56.408000	50.000000	4206.9000	0.01	12.82	25.00	LINR
C-10	56.851000	50.000000	4323.7000	0.01	13.70	25.00	LINR
C-12	60.572000	50.000000	4617.0000	0.01	21.14	25.00	LINR
C-14	56.608000	50.000000	4329.2000	0.01	13.22	25.00	LINR
C-16	55.636000	50.000000	4284.8000	0.01	11.27	25.00	LINR
C-18	54.187000	50.000000	4151.3000	0.01	8.37	25.00	LINR
C-28	53.540000	50.000000	4026.8000	0.01	7.08	25.00	LINR
C-20	54.691000	50.000000	4150.4000	0.01	9.38	25.00	LINR
C-22	54.378000	50.000000	4129.6000	0.01	8.76	25.00	LINR
FL-PRO peaks C8-C40	901.67000	850.00000	4006.9000	0.01	6.08	25.00	LINR
C-26	53.777000	50.000000	4054.1000	0.01	7.55	25.00	LINR
C-38	41.661000	50.000000	3199.1000	0.01	-16.68	25.00	LINR
C-40	43.527000	50.000000	3131.0000	0.01	-12.95	25.00	LINR
C-30	53.032000	50.000000	4037.1000	0.01	6.06	25.00	LINR
C-32	53.297000	50.000000	3987.9000	0.01	6.59	25.00	LINR
C-34	50.080000	50.000000	3791.6000	0.01	0.16	25.00	LINR
C-36	48.123000	50.000000	3650.1000	0.01	-3.75	25.00	LINR
O-Terphenyl	4130.1000	4375.2000	4375.2000	0.01	5.93	25.00	AVRG
n-Triacontane-D62	3275.5000	3371.0000	3371.0000	0.01	2.92	25.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 01/04/06 Time: 0259

Lab File ID: CWA2016 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.430000	20.000000	4446.6000	0.01	27.15	25.00	LINR	<-
C-8	23.293000	20.000000	4351.6000	0.01	16.46	25.00	LINR	
C-10	26.286000	20.000000	4971.1000	0.01	31.43	25.00	LINR	<-
C-12	24.923000	20.000000	4754.0000	0.01	24.62	25.00	LINR	
C-14	23.301000	20.000000	4529.8000	0.01	16.50	25.00	LINR	
C-16	23.281000	20.000000	4555.0000	0.01	16.40	25.00	LINR	
C-18	23.575000	20.000000	4529.6000	0.01	17.88	25.00	LINR	
C-28	23.781000	20.000000	4440.9000	0.01	18.90	25.00	LINR	
C-20	23.869000	20.000000	4529.7000	0.01	19.34	25.00	LINR	
C-22	24.040000	20.000000	4527.0000	0.01	20.20	25.00	LINR	
FL-PRO peaks C8-C40	410.69000	340.00000	4576.3000	0.01	20.79	25.00	LINR	
C-26	23.844000	20.000000	4462.2000	0.01	19.22	25.00	LINR	
C-38	21.843000	20.000000	4497.4000	0.01	9.22	25.00	LINR	
C-40	27.210000	20.000000	4901.7000	0.01	36.05	25.00	LINR	<-
C-30	23.618000	20.000000	4518.7000	0.01	18.09	25.00	LINR	
C-32	24.184000	20.000000	4519.2000	0.01	20.92	25.00	LINR	
C-34	25.146000	20.000000	4691.8000	0.01	25.73	25.00	LINR	<-
C-36	23.061000	20.000000	4570.5000	0.01	15.30	25.00	LINR	
O-Terphenyl	4130.1000	4759.7000	4759.7000	0.01	15.24	25.00	AVRG	
n-Triacontane-D62	3275.5000	3794.4000	3794.4000	0.01	15.84	25.00	AVRG	

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 01/04/06 Time: 1549

Lab File ID: CWA2027 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	57.723000	50.000000	4229.7000	0.01	15.45	25.00	LINR
C-8	56.218000	50.000000	4192.8000	0.01	12.44	25.00	LINR
C-10	56.596000	50.000000	4304.2000	0.01	13.19	25.00	LINR
C-12	55.142000	50.000000	4203.4000	0.01	10.28	25.00	LINR
C-14	55.690000	50.000000	4259.9000	0.01	11.38	25.00	LINR
C-16	55.447000	50.000000	4270.4000	0.01	10.89	25.00	LINR
C-18	55.242000	50.000000	4231.8000	0.01	10.48	25.00	LINR
C-28	56.147000	50.000000	4224.0000	0.01	12.29	25.00	LINR
C-20	56.261000	50.000000	4269.5000	0.01	12.52	25.00	LINR
C-22	56.610000	50.000000	4300.2000	0.01	13.22	25.00	LINR
FL-PRO peaks C8-C40	909.66000	850.00000	4042.3000	0.01	7.02	25.00	LINR
C-26	56.458000	50.000000	4257.4000	0.01	12.92	25.00	LINR
C-38	44.968000	50.000000	3432.8000	0.01	-10.06	25.00	LINR
C-40	41.218000	50.000000	2965.3000	0.01	-17.56	25.00	LINR
C-30	55.055000	50.000000	4190.5000	0.01	10.11	25.00	LINR
C-32	53.542000	50.000000	4006.2000	0.01	7.08	25.00	LINR
C-34	50.588000	50.000000	3830.6000	0.01	1.18	25.00	LINR
C-36	46.758000	50.000000	3550.9000	0.01	-6.48	25.00	LINR
O-Terphenyl	4130.1000	4440.5000	4440.5000	0.01	7.52	25.00	AVRG
n-Triacontane-D62	3275.5000	3581.7000	3581.7000	0.01	9.35	25.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 01/10/06 Time: 2030

Lab File ID: CWA2107 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	58.357000	50.000000	4277.9000	0.01	16.71	25.00	LINR	
C-8	57.136000	50.000000	4261.1000	0.01	14.27	25.00	LINR	
C-10	57.696000	50.000000	4388.2000	0.01	15.39	25.00	LINR	
C-12	56.938000	50.000000	4340.2000	0.01	13.88	25.00	LINR	
C-14	56.749000	50.000000	4339.9000	0.01	13.50	25.00	LINR	
C-16	56.742000	50.000000	4369.0000	0.01	13.48	25.00	LINR	
C-18	56.729000	50.000000	4345.5000	0.01	13.46	25.00	LINR	
C-28	57.347000	50.000000	4314.8000	0.01	14.69	25.00	LINR	
C-20	56.875000	50.000000	4316.0000	0.01	13.75	25.00	LINR	
C-22	57.150000	50.000000	4341.5000	0.01	14.30	25.00	LINR	
FL-PRO peaks C8-C40	922.73000	850.00000	4102.3000	0.01	8.56	25.00	LINR	
C-26	57.120000	50.000000	4307.6000	0.01	14.24	25.00	LINR	
C-38	40.691000	50.000000	3130.6000	0.01	-18.62	25.00	LINR	
C-40	37.459000	50.000000	2695.8000	0.01	-25.08	25.00	LINR	<-
C-30	57.012000	50.000000	4338.9000	0.01	14.02	25.00	LINR	
C-32	56.147000	50.000000	4201.3000	0.01	12.29	25.00	LINR	
C-34	52.638000	50.000000	3988.1000	0.01	5.28	25.00	LINR	
C-36	49.940000	50.000000	3782.2000	0.01	-0.12	25.00	LINR	
O-Terphenyl	4130.1000	4512.9000	4512.9000	0.01	9.27	25.00	AVRG	
n-Triacontane-D62	3275.5000	3618.8000	3618.8000	0.01	10.48	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC12 Calibration Date: 01/11/06 Time: 1138

Lab File ID: CWA2120 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.529000	20.000000	4465.3000	0.01	27.64	25.00	LINR	<-
C-8	23.408000	20.000000	4373.0000	0.01	17.04	25.00	LINR	
C-10	24.959000	20.000000	4717.6000	0.01	24.80	25.00	LINR	
C-12	24.506000	20.000000	4674.6000	0.01	22.53	25.00	LINR	
C-14	23.434000	20.000000	4554.8000	0.01	17.17	25.00	LINR	
C-16	23.406000	20.000000	4578.7000	0.01	17.03	25.00	LINR	
C-18	23.743000	20.000000	4561.6000	0.01	18.72	25.00	LINR	
C-28	24.355000	20.000000	4549.4000	0.01	21.78	25.00	LINR	
C-20	23.931000	20.000000	4541.5000	0.01	19.66	25.00	LINR	
C-22	24.069000	20.000000	4532.4000	0.01	20.34	25.00	LINR	
FL-PRO peaks C8-C40	401.78000	340.00000	4482.9000	0.01	18.17	25.00	LINR	
C-26	24.190000	20.000000	4528.0000	0.01	20.95	25.00	LINR	
C-38	19.565000	20.000000	4095.0000	0.01	-2.18	25.00	LINR	
C-40	20.294000	20.000000	3661.6000	0.01	1.47	25.00	LINR	
C-30	24.082000	20.000000	4606.6000	0.01	20.41	25.00	LINR	
C-32	24.328000	20.000000	4546.3000	0.01	21.64	25.00	LINR	
C-34	25.215000	20.000000	4705.0000	0.01	26.08	25.00	LINR	<-
C-36	22.766000	20.000000	4517.0000	0.01	13.83	25.00	LINR	
O-Terphenyl	4130.1000	4930.5000	4930.5000	0.01	19.38	25.00	AVRG	
n-Triacontane-D62	3275.5000	3875.6000	3875.6000	0.01	18.32	25.00	AVRG	

FORM VII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	12/15/05	1016	17.88	23.91
02	WG23712-BLAN	WG23712-1	12/15/05	1722	17.87	23.90
03	WG23712-LCS	WG23712-2	12/15/05	1833	17.88	23.90
04	WG23712-LCSD	WG23712-3	12/15/05	1943	17.88	23.90
05	PEN46RB1202	WV6482-14	12/15/05	2054	17.87	23.89
06		FLPRO 20UG/M	12/16/05	0616	17.87	23.89
07		FLPRO 50UG/M	01/03/06	1141	17.88	23.90
08	WG23845-BLAN	WG23845-1	01/03/06	1259	17.88	23.91
09	WG23845-LCS	WG23845-2	01/03/06	1409	17.88	23.90
10	WG23845-LCSD	WG23845-3	01/03/06	1519	17.88	23.90
11	PEN46SB2901	WV6482-1	01/03/06	1629	17.88	23.89
12	PEN46SB2902	WV6482-2	01/03/06	1739	17.88	23.89
13	PEN46SB2903	WV6482-3	01/03/06	1849	17.88	23.91
14	PEN46SB3001	WV6482-4	01/03/06	1959	17.88	23.91
15	PEN46SB3001D	WV6482-5	01/03/06	2109	17.88	23.89
16	PEN46SB3002	WV6482-6	01/03/06	2219	17.88	23.91
17	PEN46SB3003	WV6482-7	01/03/06	2329	17.88	23.91
18		FLPRO 20UG/M	01/04/06	0259	17.88	23.90
19	PEN46SB3103	WV6482-10	01/04/06	0630	17.88	23.89
20	PEN45SB2501	WV6482-11DL	01/04/06	0740	17.88	23.89

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	PEN45SB2502	WV6482-12	01/04/06	0850	17.88	23.91
02	PEN45SB2503	WV6482-13	01/04/06	1000	17.88	23.91
03		FLPRO 50UG/M	01/04/06	1549	17.88	23.90
04		FLPRO 50UG/M	01/10/06	2030	17.88	23.90
05	PEN46SB3101	WV6482-8RA	01/10/06	2140	17.88	23.89
06	PEN46SB3102	WV6482-9RA	01/10/06	2250	17.88	23.89
07		FLPRO 20UG/M	01/11/06	1138	17.87	23.88
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 15-DEC-2005 12:53
Report Date: 12/20/2005
Matrix: WATER
% Solids: NA

Lab ID: WG23818-1
Client ID: WG23818-Blank
SDG: CTO367-2
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		J322%				

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column(1): SPB 608 ID: 0.53 (mm)GC Column(2): RTX-CLP IIID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	S2 1 REC#	S2 2 REC#	S3 1 REC#	S3 2 REC#	TOT OUT
01	WG23818-BLANK	WG23818-1	322J	281J					2
02	WG23818-LCS	WG23818-2	274J	253J					2
03	WG23818-LCSD	WG23818-3	249J	230J					2
04	PEN46RB1202	WV6482-14	87	88					0
05									
06									
07									
08									
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS
S1 (TCX) = Tetrachloro-M-Xylene (57-128)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/14/05
Analysis Date: 12/15/05
Report Date: 12/20/2005
Matrix: WATER

Lab ID: WG23818-2 & WG23818-3
Client ID: WG23818-LCS & WG23818-LCSD
SDG: CTO367-2
Extracted by: LRS
Extraction Method: 504.1
Analyst: LRS
Analysis Method: EPA 504.1
Lab Prep Batch: WG23818
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.38	0.41	* 151	* 165	9	30	70-130

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG23818-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Lab Sample ID: WG23818-1 Lab File ID: 3VL1060

Matrix (soil/water) WATER Extraction:(SepF/Cont/Sonc) 504.1

Sulfur Cleanup: (Y/N) N Date Extracted: 12/14/05

Date Analyzed (1): 12/15/05 Date Analyzed (2): 12/15/05

Time Analyzed (1): 1253 Time Analyzed (2): 1253

Instrument ID (1): GC03 Instrument ID (2): GC03

GC Column (1): SPB 608 ID: 0.53(mm) GC Column (2): RTX-CLP II ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG23818-LCS	WG23818-2	3VL1061	12/15/05	12/15/05
02	WG23818-LCSD	WG23818-3	3VL1062	12/15/05	12/15/05
03	PEN46RB1202	WV6482-14	3VL1063	12/15/05	12/15/05
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS: _____

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 0748 1055

LAB FILE ID: RF0.01: 3VL1056 RF0.05: 3VL1055 RF0.1: 3VL1054
RF0.25: 3VL1053 RF0.5: 3VL1052 RF1: 3VL1051

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	32	214	603	1459	3307	4419	2ORDR	1.174e-002	1.251e-004	2.264e-008	0.99992	0.99000
Tetrachloro-M-Xylene	193	1108	1992	2695	4059	4759	2ORDR	6.517e-002	2.218e-004	5.972e-008	0.99854	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 0748 1055

RF2.5: 3VL1050

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	8075	2ORDR	1.174e-002	1.251e-004	2.264e-008	0.99992	0.99000
Tetrachloro-M-Xylene	7422	2ORDR	6.517e-002	2.218e-004	5.972e-008	0.99854	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 0748 1055

LAB FILE ID: RF0.01: 3VL2056 RF0.05: 3VL2055 RF0.1: 3VL2054
RF0.25: 3VL2053 RF0.5: 3VL2052 RF1: 3VL2051

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	24	226	645	1883	3660	5168	2ORDR	1.908e-002	7.945e-005	2.171e-008	0.99977	0.99000
Tetrachloro-M-Xylene	183	1151	2156	2900	4608	5439	2ORDR	8.053e-002	2.056e-004	4.487e-008	0.99865	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date(s): 12/15/05 12/15/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 0748 1055

RF2.5: 3VL2050

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	9009	2ORDR	1.908e-002	7.945e-005	2.171e-008	0.99977	0.99000
Tetrachloro-M-Xylene	8414	2ORDR	8.053e-002	2.056e-004	4.487e-008	0.99865	0.99000

FORM VI VOA

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date: 12/15/05 Time: 2117

Lab File ID: 3VL1077 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 0748 1055

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.6578000	0.5000000	6502.0000	0.01	31.56	30.00	2RDR	<-
Tetrachloro-M-Xylene	1.3835000	1.2500000	2556.0000	0.01	10.68	30.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

Instrument ID: GC03 Calibration Date: 12/15/05 Time: 2117

Lab File ID: 3VL2077 Init. Calib. Date(s): 12/15/05 12/15/05

Init. Calib. Times: 0748 1055

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5484200	0.5000000	6872.0000	0.01	9.68	30.00	2RDR
Tetrachloro-M-Xylene	1.4036000	1.2500000	2882.4000	0.01	12.29	30.00	2RDR

FORM VII PEST

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		2.5PPM	12/15/05	0748	12.13	
02		1.0PPM	12/15/05	0828	12.17	
03		0.5PPM	12/15/05	0857	12.15	
04		0.25PPM	12/15/05	0927	12.16	
05		0.1PPM	12/15/05	0956	12.16	
06		0.05PPM	12/15/05	1025	12.17	
07		0.01PPM	12/15/05	1055	12.20	
08	WG23818-BLAN	WG23818-1	12/15/05	1253	12.13	
09	WG23818-LCS	WG23818-2	12/15/05	1323	12.13	
10	WG23818-LCSD	WG23818-3	12/15/05	1352	12.13	
11	PEN46RB1202	WV6482-14	12/15/05	1422	12.15	
12		0.5PPM	12/15/05	2117	12.19	
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-2

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 12/15/05 12/15/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.48

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		2.5PPM	12/15/05	0748	11.48	
02		1.0PPM	12/15/05	0828	11.52	
03		0.5PPM	12/15/05	0857	11.49	
04		0.25PPM	12/15/05	0927	11.52	
05		0.1PPM	12/15/05	0956	11.52	
06		0.05PPM	12/15/05	1025	11.53	
07		0.01PPM	12/15/05	1055	11.56	
08	WG23818-BLAN	WG23818-1	12/15/05	1253	11.48	
09	WG23818-LCS	WG23818-2	12/15/05	1323	11.48	
10	WG23818-LCSD	WG23818-3	12/15/05	1352	11.49	
11	PEN46RB1202	WV6482-14	12/15/05	1422	11.49	
12		0.5PPM	12/15/05	2117	11.55	
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **FEBRUARY 20, 2006**

FROM: **BERNARD F SPADA III** **COPIES:** **DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOC/EDB/SVOC/PAH/PEST/PCB/PRO**
CTO 367, NAS PENSACOLA
SDG CTO367-3

SAMPLES: 20/Aqueous

3221GW0401	3221GW0501	3221GW0601
3221GW0701	3221GW0801	3221GW0901
3221GW1001	3221GW1001D	44GW0901
44GW1001	44GW1101	44GW1201
44GW1301	44GW1401	44GW1501
44GW1501D	44GW1801	44GW1901
44TB1213	44TB1214	

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG CTO367-3 consists of sixteen (16) environmental aqueous samples, two (2) trip blanks, and two (2) field duplicates. All samples were analyzed for volatile organic compounds (VOC). All samples except the trip blanks were also analyzed for ethylene dibromide (EDB), semivolatile organic compounds (SVOC), polynuclear aromatic hydrocarbons (PAH), pesticides (PEST), polychlorinated biphenyls (PCB), and petroleum range organics (PRO). The field duplicate pairs included in this SDG are (3221GW1001 / 3221GW1001D) and (44GW1501 / 44GW1501D).

The samples were collected by Tetra Tech NUS on December 13 and 14, 2005 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8260B, 8270C, 8081A, 8082, Florida PRO, and 8270SIM and EPA Method 504.1 analytical and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

- Data completeness
- Holding times
- * GC/MS Tuning
- Initial and continuing calibration
- Blank results
- Surrogate spike recoveries
- Internal standard recoveries
- Blank Spike/Blank Spike Duplicate Results
- Matrix Spike/Matrix Spike Duplicate Results
- * Compound Quantitation
- * Compound Identification
- * Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are included in Appendix B.

Volatile

All initial and continuing calibrations were below the 0.05 relative response factor (RRF) quality control criterion for acetone and 2-butanone. Non-detected results for the aforementioned compounds were rejected (UR) in all samples.

The continuing calibration performed on December 23 at 09:49 exceeded the 25% difference quality control criterion for bromomethane and acetone. No action was taken for acetone on this basis because all results were rejected for RRF non-compliance. Non-detected results for bromomethane were qualified as estimated (UJ) in samples 3221GW0401, 3221GW0701, 3221GW0901, 3221GW1001, 44TB1213, and 3221GW1001D.

The following compounds were detected in a method blank:

Compound	Maximum Concentration	Blank Action Level
Acetone	5.0 µg/L	50 µg/L
Methylene chloride	1.0 µg/L	10 µg/L

Sample aliquot and dilution factors were taken into consideration when applying the blank action levels. No action was taken on this basis because all results for the aforementioned compounds were non-detected.

The surrogate toluene-d8 exceeded the percent recovery quality control criterion in sample 44GW1401. Positive results were qualified as estimated (J) in sample 44GW1401.

All surrogates were below the percent recovery quality control criterion in the MS performed on sample 44GW0901. No action was taken on this basis because all surrogates were compliant in the un-spiked sample and the MSD.

The percent recovery of 2-butanone exceeded the quality control criterion in the blank spikes (WG24148-LCS and WG24176-LCS). No action was taken on this basis because all results for 2-butanone were rejected for RRF non-compliance.

The relative percent difference (RPD) of all compounds exceeded the quality control criterion in the MS/MSD performed on sample 44GW0901. In addition, all percent recoveries except for chloromethane, vinyl chloride, bromomethane, chloroethane, acetone, carbon disulfide, 2-butanone, and 4-methyl-2-pentanone were below the quality control criterion in the MS. No action was taken on this basis because the RPD and percent recovery non-compliances are attributed to the poor surrogate recovery in the MS and was isolated to only the MS.

Positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

EDB

The continuing calibration performed on December 21 at 14:08 exceeded the 30% difference quality control criterion for 1,2-dibromoethane on both columns. Non-detected results for 1,2-dibromoethane were qualified as estimated (UJ) in all samples.

The surrogate tetrachloro-m-xylene was below the percent recovery quality control criterion on both columns in sample 44GW1501D and the MS performed on sample 44GW0901. Sample 44GW1501D was re-analyzed with similar results. The original analysis was used for validation. The MS was not re-

analyzed because the surrogate recoveries were compliant in the un-spiked sample and associated MSD. The non-detected result for 1,2-dibromoethane was qualified as estimated (UJ) in sample 44GW1501D.

The percent recovery of 1,2-dibromoethane was below the quality control criterion in the LCS (WG24076-LCS). No action was taken on this basis because the LCSD was compliant.

The percent recovery of 1,2-dibromoethane was below the quality control criterion in the MS/MSD performed on sample 44GW0901. The non-detected result for 1,2-dibromoethane was qualified as estimated (UJ) in the un-spiked sample.

Semivolatile

The initial calibration performed on January 10, 2006 exceeded the 30% RSD quality control criterion for hexachlorocyclopentadiene. Non-detected results for hexachlorocyclopentadiene were qualified as estimated (UJ) in all samples.

The continuing calibration performed on January 12 at 13:17 exceeded the 25% difference quality control criterion for hexachlorocyclopentadiene and di-n-octylphthalate. No action was taken on this basis because only QC samples were associated with this calibration.

The continuing calibration performed on January 13 at 14:18 exceeded the 25% difference quality control criterion for 4-chloroaniline and hexachlorocyclopentadiene. Non-detected results for 4-chloroaniline and hexachlorocyclopentadiene were qualified as estimated (UJ) in samples 3221GW0401, 3221GW0501, 3221GW0701, 3221GW0801, 3221GW0901, 3221GW1001, 3221GW1001D, 44GW1001, 44GW0901, 44GW1101, 44GW1401, and 44GW1901.

The continuing calibration performed on January 14 at 10:17 exceeded the 25% difference quality control criterion for bis(2-chloroethyl)ether and hexachlorocyclopentadiene. Non-detected results for bis(2-chloroethyl)ether and hexachlorocyclopentadiene were qualified as estimated (UJ) in samples 3221GW0601, 44GW1201, 44GW1301, 44GW1501, 44GW1501D, and 44GW1801.

The surrogates nitrobenzene-d5, 2-fluorobiphenyl, and terphenyl-d14 were below the percent recovery quality control criterion in the MSD performed on sample 44GW0901. No action was taken on this basis because the surrogates were compliant in the un-spiked sample and the MS.

The percent recovery of hexachlorocyclopentadiene exceeded the quality control criterion in the LCS/LCSD (WG23885-LCS / WG23885-LCSD). No action was taken on this basis because all results for hexachlorocyclopentadiene were non-detected.

The RPD of 2,2'-oxybis(1-chloropropane) exceeded the quality control criterion in the LCS/LCSD (WG23885-LCS / WG23885-LCSD). No action was taken on this basis because both percent recoveries were compliant.

The percent recovery of 3,3'-dichlorobenzidine was below the quality control criterion in the LCSD (WG23885-LCSD). No action was taken on this basis because the LCS was compliant.

The percent recovery of 3,3'-dichlorobenzidine was below the quality control criterion In the LCS (WG23949-LCS).

The relative percent difference (RPD) of all compounds exceeded the quality control criterion in the MS/MSD performed on sample 44GW0901. In addition, all percent recoveries except for phenol, 2-nitrophenol, hexachlorocyclopentadiene, 3-nitroaniline, 4-nitrophenol, and pentachlorophenol were below the quality control criterion in the MSD. No action was taken on this basis because the RPD and percent recovery non-compliances are attributed to the poor surrogate recovery in the MSD and was isolated to only the MSD.

PAH

The continuing calibration performed on January 6 at 15:36 exceeded the 25% difference quality control criterion for benzo(b)fluoranthene. Non-detected results for benzo(a)anthracene were qualified as estimated (UJ) in samples 3221GW0501, 3221GW0701, 3221GW0801, 3221GW0901, 3221GW1001, 3221GW1001D, 44GW1001, and 44GW1101.

The continuing calibration performed on January 7 at 09:16 exceeded the 25% difference quality control criterion for indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, and benzo(g,h,i)perylene. Non-detected results for benzo(b)fluoranthene were qualified as estimated (UJ) in samples 3221GW0401, 44GW1401, 3221GW0601, 44GW0901, 44GW1201, 44GW1301, 44GW1501, 44GW1501D, 44GW1801, and 44GW1901.

Positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

PEST

The continuing calibration performed on January 6 at 05:19 exceeded the 15% difference quality control criterion for endrin, endrin aldehyde, 4,4'-DDT, endosulfan sulfate, and methoxychlor on the RTX-CLPI column and for 4,4'-DDT and methoxychlor on the RTX-CLPII column. No action was taken on this basis because only QC samples were associated with this calibration.

The continuing calibration performed on January 9 at 10:43 exceeded the 15% difference quality control criterion for gamma-BHC, heptachlor, beta-BHC, delta-BHC, heptachlor epoxide, endosulfan I, 4,4'-DDE, dieldrin, endrin, 4,4'-DDT, endrin aldehyde, alpha-chlordane, and gamma-chlordane on the RTX-CLPI column. No action was taken on this basis because the RTX-CLPII column was compliant and all results were non-detected.

The continuing calibration performed on January 9 at 21:18 exceeded the 15% difference quality control criterion for 4,4'-DDT, endosulfan sulfate, and methoxychlor on the RTX-CLPI column and for endosulfan sulfate on the RTX-CLPII column. Non-detected results for endosulfan sulfate were qualified as estimated (UJ) in samples 3221GW0401, 3221GW0701, 3221GW0801, 3221GW0901, 3221GW1001, 3221GW1001D, 44GW1001, 44GW0901, 44GW1101, 44GW1301, 44GW1401, 44GW1801, and 44GW1901. No further qualifications were made on this basis because one column was compliant for the remaining compounds and all results were non-detected.

The continuing calibration performed on January 10 at 11:15 exceeded the 15% difference quality control criterion for gamma-BHC, heptachlor, and beta-BHC on the RTX-CLPI column. No action was taken on this basis because the RTX-CLPII column was compliant and all results were non-detected.

The continuing calibration performed on January 10 at 21:50 exceeded the 15% difference quality control criterion for gamma-BHC, heptachlor, beta-BHC, aldrin, heptachlor epoxide, endosulfan I, dieldrin, endrin, endosulfan II, endrin aldehyde, endosulfan sulfate, alpha-chlordane, gamma-chlordane, and endrin ketone on the RTX-CLPI column. No action was taken on this basis because the RTX-CLPII column was compliant and all results were non-detected.

The surrogate decachlorobiphenyl was below the percent recovery quality control criteria in sample 44GW1501D and the MS performed on sample 44GW0901 on the RTX-CLPII column. No action was taken on this basis because the RTX-CLPI column was compliant.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Bernard F. Spada III
Chemist/Data Validator

TetraTech NUS
Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0401
samp_date	12/13/2005
lab_id	WV6662-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0401
samp_date	12/13/2005
lab_id	WV6662-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0401-RE
samp_date	12/13/2005
lab_id	WV6662-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0501
samp_date	12/13/2005
lab_id	WV6662-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0501
samp_date	12/13/2005
lab_id	WV6662-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0501-RE
samp_date	12/13/2005
lab_id	WV6662-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0601
samp_date	12/14/2005
lab_id	WV6687-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0601
samp_date	12/14/2005
lab_id	WV6687-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0601-RE
samp_date	12/14/2005
lab_id	WV6687-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0701-RE
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0801-RE
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.7	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	1			
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	1	I	J	P

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	52			
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW0901-RE
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	3221GW1001
samp_date	12/13/2005
lab_id	WV6662-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW1001
samp_date	12/13/2005
lab_id	WV6662-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW1001D
samp_date	12/13/2005
lab_id	WV6662-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	3221GW1001D
samp_date	12/13/2005
lab_id	WV6662-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	3221GW1001D-RE
samp_date	12/13/2005
lab_id	WV6662-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

nsample	3221GW1001-RE
samp_date	12/13/2005
lab_id	WV6662-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW0901
samp_date	12/14/2005
lab_id	WV6687-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	UJ	C
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.8	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

nsample	44GW0901
samp_date	12/14/2005
lab_id	WV6687-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44GW0901-RE
samp_date	12/14/2005
lab_id	WV6687-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	CD

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1001-RE
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	2			
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	2	I	J	P

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	23			
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1101-RE
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	1			
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1201-RE
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1301
samp_date	12/14/2005
lab_id	WV6687-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.7	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	44GW1301
samp_date	12/14/2005
lab_id	WV6687-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1301-RE
samp_date	12/14/2005
lab_id	WV6687-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.6	I	J	PR
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	2		J	R
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	2	I	J	PR

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	32		J	R
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1401-RE
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1501	nsample	44GW1501	nsample	44GW1501D
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-9	lab_id	WV6687-9	lab_id	WV6687-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	44GW1501

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.5	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	4			
VINYL CHLORIDE	0.3	U	U	
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.6	I	J	P
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44GW1501D
samp_date	12/14/2005
lab_id	WV6687-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	3			
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1501D-RE
samp_date	12/14/2005
lab_id	WV6687-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	CR

nsample	44GW1501-RE
samp_date	12/14/2005
lab_id	WV6687-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	C

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	2			
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.9	I	J	P
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.9	I	J	P

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1801-RE
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

nsample	44GW1901
samp_date	12/14/2005
lab_id	WV6687-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	1			
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	1	I	J	P

nsample	44GW1901
samp_date	12/14/2005
lab_id	WV6687-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44GW1901-RE
samp_date	12/14/2005
lab_id	WV6687-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	C

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44TB1213
samp_date	12/13/2005
lab_id	WV6662-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	UJ	C
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	UJ	C
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

nsample	44TB1213
samp_date	12/13/2005
lab_id	WV6662-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	44TB1214
samp_date	12/14/2005
lab_id	WV6687-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	UJ	C
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OV

nsample	44TB1214
samp_date	12/14/2005
lab_id	WV6687-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW0401
samp_date	12/13/2005
lab_id	WV6662-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	3221GW0401
samp_date	12/13/2005
lab_id	WV6662-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	3221GW0501
samp_date	12/13/2005
lab_id	WV6662-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW0501
samp_date	12/13/2005
lab_id	WV6662-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	3221GW0601
samp_date	12/14/2005
lab_id	WV6687-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	3221GW0601
samp_date	12/14/2005
lab_id	WV6687-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW1001
samp_date	12/13/2005
lab_id	WV6662-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	3221GW1001
samp_date	12/13/2005
lab_id	WV6662-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	3221GW1001D
samp_date	12/13/2005
lab_id	WV6662-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	3221GW1001D
samp_date	12/13/2005
lab_id	WV6662-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW0901
samp_date	12/14/2005
lab_id	WV6687-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW0901
samp_date	12/14/2005
lab_id	WV6687-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	8	U	
2,4,6-TRICHLOROPHENOL	8	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	6	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	5	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	6	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	4	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	3	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	9	U	
PENTACHLOROPHENOL	10	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1301		nsample	44GW1301		nsample	44GW1401	
samp_date	12/14/2005		samp_date	12/14/2005		samp_date	12/14/2005	
lab_id	WV6687-8		lab_id	WV6687-8		lab_id	WV6687-1	
qc_type	NM		qc_type	NM		qc_type	NM	
units	UG/L		units	UG/L		units	UG/L	
Pct_Solids	0.0		Pct_Solids	0.0		Pct_Solids	0.0	
DUP_OF:			DUP_OF:			DUP_OF:		
Parameter	Result	Val Qual	Qual Code	Parameter	Result	Val Qual	Qual Code	Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U		DIBENZOFURAN	3	U		1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U		DIETHYL PHTHALATE	2	U		1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U		DIMETHYL PHTHALATE	3	U		1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U		DI-N-BUTYL PHTHALATE	2	U		1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U		DI-N-OCTYL PHTHALATE	3	U		2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U		HEXACHLOROBENZENE	4	U		2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U		HEXACHLOROBUTADIENE	4	U		2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U		HEXACHLOROCYCLOPENTADIENE	2	UJ	C	2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U		HEXACHLOROETHANE	2	U		2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U		ISOPHORONE	2	U		2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U		NITROBENZENE	2	U		2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U		N-NITROSO-DI-N-PROPYLAMINE	2	U		2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U		N-NITROSODIPHENYLAMINE	8	U		2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U		PENTACHLOROPHENOL	9	U		2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U		PHENOL	6	U		2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U						2-NITROANILINE	3	U	
2-NITROPHENOL	5	U						2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U						3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U						3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U						4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U						4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U						4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U						4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U						4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U						4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U						4-NITROANILINE	5	U	
4-NITROPHENOL	5	U						4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U						BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C					BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U						BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U						BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U						CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW1501
samp_date	12/14/2005
lab_id	WV6687-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C
BIS(2-ETHYLHEXYL)PHTHALATE	10		
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW1501
samp_date	12/14/2005
lab_id	WV6687-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1501D
samp_date	12/14/2005
lab_id	WV6687-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW1501D
samp_date	12/14/2005
lab_id	WV6687-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	UJ	C
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: OS

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

nsample	44GW1901
samp_date	12/14/2005
lab_id	WV6687-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	
1,2-DICHLOROBENZENE	3	U	
1,3-DICHLOROBENZENE	3	U	
1,4-DICHLOROBENZENE	3	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DINITROTOLUENE	3	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLPHENOL	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-BROMOPHENYL PHENYL ETHER	4	U	
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	UJ	C
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-METHYLPHENOL	5	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-ETHYLHEXYL)PHTHALATE	11		
BUTYL BENZYL PHTHALATE	3	U	
CARBAZOLE	4	U	

nsample	44GW1901
samp_date	12/14/2005
lab_id	WV6687-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	UJ	C
HEXACHLOROETHANE	2	U	
ISOPHORONE	2	U	
NITROBENZENE	2	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
PENTACHLOROPHENOL	9	U	
PHENOL	6	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	3221GW0401	nsample	3221GW0501	nsample	3221GW0601
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-1	lab_id	WV6662-2	lab_id	WV6687-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.3		
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.07	J	P
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.4		
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	J	P
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.2	J	P
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	3221GW0701	nsample	3221GW0801	nsample	3221GW0901
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/13/2005
lab_id	WV6662-4	lab_id	WV6662-3	lab_id	WV6662-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.4		
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.09	J	P
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.09	J	P
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	3221GW1001	nsample	3221GW1001D	nsample	44GW0901
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-7	lab_id	WV6662-8	lab_id	WV6687-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	3221GW1001	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.1	J	P
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	44GW1001	nsample	44GW1101	nsample	44GW1201
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-3	lab_id	WV6687-2	lab_id	WV6687-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	UJ	C
BENZO(G,H,I)PERYLENE	0.1	U	
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.2	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	44GW1301	nsample	44GW1401	nsample	44GW1501
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-8	lab_id	WV6687-1	lab_id	WV6687-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PAH

nsample	44GW1501D	nsample	44GW1801	nsample	44GW1901
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-12	lab_id	WV6687-7	lab_id	WV6687-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	44GW1501	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.09	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.09	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.09	U	

Parameter	Result	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	
ACENAPHTHENE	0.08	U	
ACENAPHTHYLENE	0.04	U	
ANTHRACENE	0.07	U	
BENZO(A)ANTHRACENE	0.08	U	
BENZO(A)PYRENE	0.08	U	
BENZO(B)FLUORANTHENE	0.08	U	
BENZO(G,H,I)PERYLENE	0.1	UJ	C
BENZO(K)FLUORANTHENE	0.1	U	
CHRYSENE	0.05	U	
DIBENZO(A,H)ANTHRACENE	0.1	UJ	C
FLUORANTHENE	0.07	U	
FLUORENE	0.06	U	
INDENO(1,2,3-CD)PYRENE	0.07	UJ	C
NAPHTHALENE	0.05	U	
PHENANTHRENE	0.08	U	
PYRENE	0.08	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	3221GW0401	nsample	3221GW0501	nsample	3221GW0601
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-1	lab_id	WV6662-2	lab_id	WV6687-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.095	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	1	U	U	

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.05	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	1	U	U	

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.096	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	3221GW1001	nsample	3221GW1001D	nsample	44GW0901
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-7	lab_id	WV6662-8	lab_id	WV6687-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	3221GW1001	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.095	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	1	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	44GW1001	nsample	44GW1101	nsample	44GW1201
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-3	lab_id	WV6687-2	lab_id	WV6687-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.096	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.058	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	44GW1301
samp_date	12/14/2005
lab_id	WV6687-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.24	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.094	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

nsample	44GW1501
samp_date	12/14/2005
lab_id	WV6687-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	44GW1501D	nsample	44GW1801	nsample	44GW1901
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6687-12	lab_id	WV6687-7	lab_id	WV6687-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	44GW1501	DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	U	
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.27	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.095	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	U	
AROCLOR-1221	0.25	U	U	
AROCLOR-1232	0.28	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.095	U	U	
AROCLOR-1254	0.24	U	U	
AROCLOR-1260	0.057	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	U	
TOXAPHENE	1	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	3221GW0401	nsample	3221GW0501	nsample	3221GW0601
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-1	lab_id	WV6662-2	lab_id	WV6687-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	240	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	270	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	3221GW0701	nsample	3221GW0801	nsample	3221GW0901
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/13/2005
lab_id	WV6662-4	lab_id	WV6662-3	lab_id	WV6662-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	280	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	3221GW1001	nsample	3221GW1001D	nsample	44GW0901
samp_date	12/13/2005	samp_date	12/13/2005	samp_date	12/14/2005
lab_id	WV6662-7	lab_id	WV6662-8	lab_id	WV6687-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	3221GW1001	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	480	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	230	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	230	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	44GW1301
samp_date	12/14/2005
lab_id	WV6687-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	44GW1501
samp_date	12/14/2005
lab_id	WV6687-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: PET

nsample	44GW1501D
samp_date	12/14/2005
lab_id	WV6687-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	44GW1901RE
samp_date	12/14/2005
lab_id	WV6687-5RE
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	UJ	H

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 15:51
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		97%				
1868-53-7	Dibromofluoromethane		102%				

Sample Data Summary A0000003

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 22-DEC-2005 19:40
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		94%				
1868-53-7	Dibromofluoromethane		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 19:00
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		111%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 13:36
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		93%				
1868-53-7	Dibromofluoromethane		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 22-DEC-2005 20:14
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		96%				
1868-53-7	Dibromofluoromethane		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 14:09
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	1	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.7	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		52	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		91%				
1868-53-7	Dibromofluoromethane		98%				

Sample Data Summary A0000008

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 14:43
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		93%				
1868-53-7	Dibromofluoromethane		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 15:17
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		94%				
1868-53-7	Dibromofluoromethane		104%				

Sample Data Summary A0000010

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 15:27
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.8	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		116%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 14:52
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		95%				
1868-53-7	Dibromofluoromethane		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 14:16
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	2	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		23	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		109%				
1868-53-7	Dibromofluoromethane		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 18:24
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		86%				
1868-53-7	Dibromofluoromethane		101%				

Sample Data Summary A0000020

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 17:13
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.7	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		97%				
1868-53-7	Dibromofluoromethane		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 13:41
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	2	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.6	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		32	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		J133%				
460-00-4	P-Bromofluorobenzene		96%				
1868-53-7	Dibromofluoromethane		100%				

Sample Data Summary A0000011

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 17:49
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.5	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		4	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		99%				
1868-53-7	Dibromofluoromethane		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 19:35
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.6	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		99%				
1868-53-7	Dibromofluoromethane		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 16:38
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	0.9	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	I	0.9	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		95%				
1868-53-7	Dibromofluoromethane		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 16:02
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	1	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		100%				
1868-53-7	Dibromofluoromethane		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 12:28
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-5
Client ID: 44TB1213
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		95%				
1868-53-7	Dibromofluoromethane		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 23-DEC-2005 13:05
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-6
Client ID: 44TB1214
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		111%				
1868-53-7	Dibromofluoromethane		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 16:14
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 16:44
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 22-DEC-2005 00:05
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 17:43
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 17:13
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 18:12
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 18:41
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 19:11
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 21:09
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 20:39
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 20:10
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 23:36
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 22:37
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 19:40
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 23:06
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 22-DEC-2005 00:35
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		J 41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/22/05
Analysis Date: 22-DEC-2005 15:25
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12RE
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 39%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 22:08
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 21:38
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 16:44
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 16:44
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		52%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		84%				
118-79-6	2,4,6-Tribromophenol		80%				
1718-51-0	Terphenyl-D14		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 17:33
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000063

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 17:33
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		53%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		84%				
118-79-6	2,4,6-Tribromophenol		87%				
1718-51-0	Terphenyl-D14		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 16:46
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000093

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 16:46
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		79%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		91%				
1718-51-0	Terphenyl-D14		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 19:12
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 19:12
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		83%				
1718-51-0	Terphenyl-D14		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 18:23
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 18:23
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		38%				
4165-60-0	Nitrobenzene-D5		83%				
321-60-8	2-Fluorobiphenyl		90%				
118-79-6	2,4,6-Tribromophenol		94%				
1718-51-0	Terphenyl-D14		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 20:01
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000069

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 20:01
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		88%				
1718-51-0	Terphenyl-D14		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 20:49
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 20:49
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		53%				
13127-88-3	Phenol-D6		37%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		85%				
118-79-6	2,4,6-Tribromophenol		89%				
1718-51-0	Terphenyl-D14		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 21:39
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 13-JAN-2006 21:39
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		48%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		88%				
118-79-6	2,4,6-Tribromophenol		93%				
1718-51-0	Terphenyl-D14		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 00:54
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000081

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 00:54
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		59%				
13127-88-3	Phenol-D6		70%				
4165-60-0	Nitrobenzene-D5		73%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		85%				
1718-51-0	Terphenyl-D14		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 00:05
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 00:05
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		76%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		74%				
118-79-6	2,4,6-Tribromophenol		90%				
1718-51-0	Terphenyl-D14		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 13-JAN-2006 23:16
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000077

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 13-JAN-2006 23:16
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		73%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		73%				
118-79-6	2,4,6-Tribromophenol		89%				
1718-51-0	Terphenyl-D14		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 15:58
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	8	1.0	25	26	8
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	26	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	26	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	26	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	26	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	26	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	26	10
86-30-6	N-Nitrosodiphenylamine	U	9	1.0	10	10	9
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	10	1.0	25	26	10
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 15:58
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		74%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		77%				
118-79-6	2,4,6-Tribromophenol		84%				
1718-51-0	Terphenyl-D14		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 14:22
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000087

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 14:22
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		59%				
13127-88-3	Phenol-D6		74%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		86%				
1718-51-0	Terphenyl-D14		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 13-JAN-2006 22:27
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000075

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 13-JAN-2006 22:27
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		75%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		86%				
1718-51-0	Terphenyl-D14		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 15:10
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000089

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 15:10
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate		10	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		76%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		82%				
118-79-6	2,4,6-Tribromophenol		82%				
1718-51-0	Terphenyl-D14		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 17:34
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 17:34
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		63%				
13127-88-3	Phenol-D6		70%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		86%				
1718-51-0	Terphenyl-D14		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 13:35
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000085

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 13:35
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		54%				
13127-88-3	Phenol-D6		69%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		76%				
118-79-6	2,4,6-Tribromophenol		70%				
1718-51-0	Terphenyl-D14		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 01:43
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 01:43
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate		11	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		43%				
13127-88-3	Phenol-D6		39%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		61%				
118-79-6	2,4,6-Tribromophenol		56%				
1718-51-0	Terphenyl-D14		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 07-JAN-2006 12:19
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		91%				
81103-79-9	Fluorene-d10		109%				
1718-52-1	Pyrene-d10		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 20:55
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.07	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.3	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		82%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 18:22
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.2	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.4	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	I	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		95%				
1718-52-1	Pyrene-d10		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 22:26
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		98%				
1718-52-1	Pyrene-d10		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 21:41
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.09	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.4	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		92%				
81103-79-9	Fluorene-d10		99%				
1718-52-1	Pyrene-d10		130%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 23:11
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.09	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		95%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 23:57
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	I	0.1	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		95%				
81103-79-9	Fluorene-d10		111%				
1718-52-1	Pyrene-d10		124%				

Sample Data Summary A0000435

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 07-JAN-2006 00:43
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		91%				
81103-79-9	Fluorene-d10		99%				
1718-52-1	Pyrene-d10		118%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 13:49
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 03:00
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		93%				
1718-52-1	Pyrene-d10		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 02:14
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		92%				
1718-52-1	Pyrene-d10		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 17:36
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		93%				
1718-52-1	Pyrene-d10		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 16:06
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		80%				
81103-79-9	Fluorene-d10		97%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 13:04
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 16:51
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		80%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 19:07
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		95%				
1718-52-1	Pyrene-d10		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 15:20
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		77%				
81103-79-9	Fluorene-d10		96%				
1718-52-1	Pyrene-d10		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 07-JAN-2006 14:36
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		66%				
81103-79-9	Fluorene-d10		73%				
1718-52-1	Pyrene-d10		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 12:07
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 16:12
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		97%				
2051-24-3	Decachlorobiphenyl		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 13:35
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		81%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 13:02
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		94%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 12:35
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 13:30
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 13:57
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		92%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 09-JAN-2006 14:25
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		78%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 16:15
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 15:48
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		96%				
2051-24-3	Decachlorobiphenyl		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 15:20
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 13:08
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		95%				
2051-24-3	Decachlorobiphenyl		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 17:38
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		88%				
2051-24-3	Decachlorobiphenyl		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 14:52
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		89%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 12:40
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		91%				
2051-24-3	Decachlorobiphenyl		50%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 14:03
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		91%				
2051-24-3	Decachlorobiphenyl		39%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 17:10
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 09-JAN-2006 16:43
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		87%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 19:31
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		82%				
2051-24-3	Decachlorobiphenyl		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 19:59
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 06:20
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 20:56
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		86%				
2051-24-3	Decachlorobiphenyl		59%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 20:27
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 21:24
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		J 45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 01/16/06
Analysis Date: 20-JAN-2006 04:46
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6RE
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		89%				
2051-24-3	Decachlorobiphenyl		J 53%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 21:52
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 22:20
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		J 48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 01/16/06
Analysis Date: 20-JAN-2006 05:15
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8RE
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		90%				
2051-24-3	Decachlorobiphenyl		58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 03:31
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		J 43%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 18-JAN-2006 20:02
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4RE
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.098	1.0	0.50	0.50	0.098
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		J 42%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 03:03
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 02:34
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		85%				
2051-24-3	Decachlorobiphenyl		56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 05:52
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		86%				
2051-24-3	Decachlorobiphenyl		J 46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 20-JAN-2006 03:50
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10RE
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		92%				
2051-24-3	Decachlorobiphenyl		J 43%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 04:55
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		J 49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 18-JAN-2006 20:31
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8RE
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		J 49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 02:06
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		86%				
2051-24-3	Decachlorobiphenyl		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 05:24
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		J 49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 20-JAN-2006 03:22
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9RE
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		92%				
2051-24-3	Decachlorobiphenyl		J 46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 06:48
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		J 38%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 20-JAN-2006 04:18
Report Date: 01/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12RE
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		72%				
2051-24-3	Decachlorobiphenyl		J 21%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 04:27
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		89%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 05-JAN-2006 03:59
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 17:40
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-1
Client ID: 3221GW0401
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		108%				
	O-Terphenyl		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 18:50
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	240	1.0	500	500	210
	n-Triacontane-D62		104%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 14:40
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-11
Client ID: 3221GW0601
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	270	1.0	500	500	220
	n-Triacontane-D62		160%				
	O-Terphenyl		J152%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 21:10
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-4
Client ID: 3221GW0701
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		104%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 20:00
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-3
Client ID: 3221GW0801
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	280	1.0	500	500	210
	n-Triacontane-D62		112%				
	O-Terphenyl		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 22:20
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		105%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 23:30
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-7
Client ID: 3221GW1001
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		105%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 00:41
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-8
Client ID: 3221GW1001D
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	480	1.0	500	500	210
	n-Triacontane-D62		108%				
	O-Terphenyl		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 08:50
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-4
Client ID: 44GW0901
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		110%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 07:40
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-3
Client ID: 44GW1001
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		110%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 06:30
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-2
Client ID: 44GW1101
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		103%				
	O-Terphenyl		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 13:30
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-10
Client ID: 44GW1201
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		108%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 11:10
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-8
Client ID: 44GW1301
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		106%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 01:51
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-1
Client ID: 44GW1401
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		100%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 12:20
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-9
Client ID: 44GW1501
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		102%				
	O-Terphenyl		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 09:18
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-12
Client ID: 44GW1501D
SDG: CTO367-3
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		104%				
	O-Terphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 10-JAN-2006 10:00
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-7
Client ID: 44GW1801
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		110%				
	O-Terphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/04/06
Analysis Date: 11-JAN-2006 08:09
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5RE
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24365
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		108%				
	O-Terphenyl		134%				

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG CTO367-3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	44GW1501	WV6687-009	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1901	WV6687-005	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1401	WV6687-001	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1301	WV6687-008	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1201	WV6687-010	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1101	WV6687-002	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1001	WV6687-003	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW0901	WV6687-004	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	44GW1801	WV6687-007	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/4/2006	9	13	22
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/5/2006	9	14	23
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
OS	%	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1101	WV6687-2	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	%	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1001	WV6687-3	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	%	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	44GW1501D	WV6687-12	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1501D	WV6687-12	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1801	WV6687-7	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1901	WV6687-5	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1901	WV6687-5	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW0901	WV6687-4	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1001	WV6687-3	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1801	WV6687-7	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	3221GW0601	WV6687-11	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1101	WV6687-2	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	%	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	%	44GW0901	WV6687-4	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	3221GW0601	WV6687-11	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/7/2006	2	23	25
OS	%	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	%	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	%	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	%	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	%	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	%	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/7/2006	2	23	25
OS	%	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	%	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/7/2006	2	23	25
OS	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
OS	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/7/2006	2	23	25
OS	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/13/2006	2	29	31
OS	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
EDB	%	44GW1301	WV6687-8	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	3221GW0801	WV6662-3	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	3221GW0901	WV6662-6	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	3221GW1001	WV6662-7	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	3221GW0501	WV6662-2	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	44GW0901	WV6687-4	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	3221GW0401	WV6662-1	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	3221GW0701	WV6662-4	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	%	44GW1201	WV6687-10	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	%	44GW1401	WV6687-1	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	44GW1501	WV6687-9	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	44GW1501D	WV6687-12	NM	12/14/2005	12/21/2005	12/22/2005	7	1	8
EDB	%	44GW1501DRE	WV6687-12RE	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	%	44GW1801	WV6687-7	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	44GW1901	WV6687-5	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	3221GW0601	WV6687-11	NM	12/14/2005	12/21/2005	12/22/2005	7	1	8
EDB	%	44GW1001	WV6687-3	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	%	44GW1101	WV6687-2	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1501DRE	WV6687-12RE	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/21/2005	12/22/2005	7	1	8
EDB	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/21/2005	12/21/2005	7	0	7
EDB	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/21/2005	12/22/2005	7	1	8
EDB	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
EDB	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/21/2005	12/21/2005	8	0	8
OV	%	44GW1001	WV6687-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1301	WV6687-8	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1401	WV6687-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44TB1213	WV6662-5	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	44GW1901	WV6687-5	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1801	WV6687-7	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1501D	WV6687-12	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1501	WV6687-9	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	3221GW0401	WV6662-1	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	3221GW0501	WV6662-2	NM	12/13/2005	12/22/2005	12/22/2005	9	0	9
OV	%	44GW1201	WV6687-10	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0601	WV6687-11	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44GW1101	WV6687-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0701	WV6662-4	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	3221GW0801	WV6662-3	NM	12/13/2005	12/22/2005	12/22/2005	9	0	9
OV	%	3221GW0901	WV6662-6	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	3221GW1001	WV6662-7	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	%	44GW0901	WV6687-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	44TB1214	WV6687-6	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/22/2005	12/22/2005	9	0	9
OV	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/22/2005	12/22/2005	9	0	9
OV	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	UG/L	44TB1214	WV6687-6	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44TB1213	WV6662-5	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
OV	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/23/2005	12/23/2005	10	0	10
PCB	%	44GW1501RE	WV6687-9RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37
PCB	%	44GW0901	WV6687-4	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1901	WV6687-5	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1501DRE	WV6687-12RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	44GW1501D	WV6687-12	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1501	WV6687-9	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1401	WV6687-1	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1301RE	WV6687-8RE	NM	12/14/2005	1/16/2006	1/18/2006	33	2	35
PCB	%	44GW1301	WV6687-8	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1201RE	WV6687-10RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37
PCB	%	44GW1201	WV6687-10	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW1101	WV6687-2	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	44GW0901RE	WV6687-4RE	NM	12/14/2005	1/16/2006	1/18/2006	33	2	35
PCB	%	44GW1801	WV6687-7	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	%	3221GW1001DRE	WV6662-8RE	NM	12/13/2005	1/16/2006	1/20/2006	34	4	38
PCB	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW0901RE	WV6662-6RE	NM	12/13/2005	1/16/2006	1/20/2006	34	4	38
PCB	%	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW0601	WV6687-11	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	%	44GW1001	WV6687-3	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	44GW0901RE	WV6687-4RE	NM	12/14/2005	1/16/2006	1/18/2006	33	2	35
PCB	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1201RE	WV6687-10RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37
PCB	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1301RE	WV6687-8RE	NM	12/14/2005	1/16/2006	1/18/2006	33	2	35
PCB	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1501DRE	WV6687-12RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37
PCB	UG/L	44GW1501RE	WV6687-9RE	NM	12/14/2005	1/16/2006	1/20/2006	33	4	37
PCB	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	3221GW1001DRE	WV6662-8RE	NM	12/13/2005	1/16/2006	1/20/2006	34	4	38
PCB	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	3221GW0901RE	WV6662-6RE	NM	12/13/2005	1/16/2006	1/20/2006	34	4	38
PCB	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PCB	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/4/2006	2	20	22
PCB	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/17/2005	1/5/2006	3	19	22
PEST	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	%	44GW1301	WV6687-8	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	44GW1001	WV6687-3	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	44GW1801	WV6687-7	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	44GW1501D	WV6687-12	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	%	44GW1401	WV6687-1	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	44GW1901	WV6687-5	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	44GW1201	WV6687-10	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	44GW1101	WV6687-2	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
PEST	%	44GW1501	WV6687-9	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	%	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	%	44GW0901	WV6687-4	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	%	3221GW0601	WV6687-11	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	%	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	%	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	%	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	%	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/15/2005	1/9/2006	2	25	27
PEST	UG/L	44GW1901	WV6687-5	NM	12/14/2005	12/17/2005	1/9/2006	3	23	26
PEST	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/15/2005	1/6/2006	2	22	24
TPH	%	44GW0901	WV6687-4	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	3221GW0601	WV6687-11	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1801	WV6687-7	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1501D	WV6687-12	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	44GW1501	WV6687-9	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1401	WV6687-1	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1301	WV6687-8	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1201	WV6687-10	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	3221GW0401	WV6662-1	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	44GW1001	WV6687-3	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	%	44GW1901RE	WV6687-5RE	NM	12/14/2005	1/4/2006	1/11/2006	21	7	28
TPH	%	3221GW1001D	WV6662-8	NM	12/13/2005	12/20/2005	1/10/2006	7	21	28
TPH	%	3221GW1001	WV6662-7	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	3221GW0901	WV6662-6	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	3221GW0801	WV6662-3	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	3221GW0701	WV6662-4	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	3221GW0501	WV6662-2	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	%	44GW1101	WV6687-2	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1901RE	WV6687-5RE	NM	12/14/2005	1/4/2006	1/11/2006	21	7	28
TPH	UG/L	44GW0901	WV6687-4	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1801	WV6687-7	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1501D	WV6687-12	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	44GW1501	WV6687-9	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1401	WV6687-1	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1301	WV6687-8	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1201	WV6687-10	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	3221GW0401	WV6662-1	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	44GW1001	WV6687-3	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	3221GW0501	WV6662-2	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	3221GW1001D	WV6662-8	NM	12/13/2005	12/20/2005	1/10/2006	7	21	28
TPH	UG/L	3221GW1001	WV6662-7	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	3221GW0901	WV6662-6	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	3221GW0801	WV6662-3	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	3221GW0701	WV6662-4	NM	12/13/2005	12/20/2005	1/9/2006	7	20	27
TPH	UG/L	3221GW0601	WV6687-11	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27
TPH	UG/L	44GW1101	WV6687-2	NM	12/14/2005	12/20/2005	1/10/2006	6	21	27

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-3

Sample Receipt

The following samples were received on December 14 and 15, 2005 and were logged in under Katahdin Analytical Services work order numbers WV6662 and WV6687 for a hardcopy due date of January 10, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6662-1	3221GW0401
WV6662-2	3221GW0501
WV6662-3	3221GW0801
WV6662-4	3221GW0701
WV6662-5	44TB1213
WV6662-6	3221GW0901
WV6662-7	3221GW1001
WV6662-8	3221GW1001D
WV6687-1	44GW1401
WV6687-2	44GW1101
WV6687-3	44GW1001
WV6687-4	44GW0901
WV6687-5	44GW1901
WV6687-6	44TB1214
WV6687-7	44GW1801
WV6687-8	44GW1301
WV6687-9	44GW1501
WV6687-10	44GW1201
WV6687-11	3221GW0601
WV6687-12	44GW1501D

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-3 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), for the specific methods listed below or on the Report of Analysis. Sample WV6687-4 was used for a matrix spike (MS) and matrix spike duplicate sample (MSD), as per client's request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibrations analyzed on the F and M instruments had %RSD values for acetone that exceeded the method acceptance limit of 15%. Even though the %RSD is greater than 15%, acetone was calibrated with the average model since this calibration model is more accurate for this analyte at concentrations near the PQL than either the linear or quadratic calibration models.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

Sample WV6687-1 had a high recovery for the surrogate toluene-d8, which was outside of the laboratory established acceptance limits. Since the recovery of the second surrogate p-bromofluorobenzene, which is associated with the same internal standard as the surrogate toluene-d8, was acceptable, the sample was not reanalyzed.

The MS WG24178-3 had most spiked analytes with recoveries that were low and outside of the laboratory established acceptance limits. The MS also had low recoveries for all four surrogates, which were outside of the laboratory established acceptance limits. Since the MSD had acceptable spike and surrogate recoveries, the MS was not reanalyzed. This resulted in RPD's for the matrix spike sample duplicates that were above the acceptance limit of 20%.

8015M-FLPRO Analysis

Due to a laboratory accident, sample WV6687-5 was lost during the concentration stage of the extraction process. The sample was reextracted fifteen days out of hold time and analyzed.

Samples WV6687-11 and the LCSD WG24365-3 had low recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the associated samples were not reextracted.

The %RPD for PRO between the LCS WG24365-2 and LCSD WG24365-3 was outside of the method acceptance limit of 30%. Since the PRO recoveries in both the LCS and LCSD were within the method acceptance limits, the associated samples were not reextracted.

The LCS associated with WG24053 was lost during the concentration stage of the extraction process. Since the PRO recoveries for the associated MS and MSD, WG24053-3 and 4, were within the acceptance limits, the associated samples were not reextracted.

PRO was detected above the MDL in the laboratory method blank WG24088-1. The associated samples were flagged with a "V" qualifier indicating that the analyte PRO was detected in the laboratory method blank analyzed concurrently with the sample.

The CV standard (file CWA2094) had a high response for the individual hydrocarbon C_{10}, which resulted in a %D that was outside of the method acceptance limits of 20%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

The CV standard (file CWA2107) had a low response for the individual hydrocarbon C_{40}, which resulted in a %D that was outside of the method acceptance limits of 20%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

The CV standard (file CWA2120) had high responses for the individual hydrocarbons C_{24} and C_{34}, which resulted in %Ds that were outside of the method acceptance limits of 20%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

504.1 Analysis

The method blank WG24076-1 had a high recovery for the surrogate TCX on channel B, which was outside of the laboratory established acceptance limits. Since the recovery for TCX was acceptable on channel A, the samples were not reextracted.

Sample WV6687-12 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. The sample was reextracted with similar results indicating a matrix effect. The results from both analyses are reported.

The matrix spike sample WG24076-4 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. The MS and MSD WG24076-4 and WG24076-5 had low recoveries for the spiked analyte 1,2-dibromoethane, which were outside of the method acceptance limits. The MS and MSD were reextracted with similar results indicating a matrix effect. The results from the first extraction are reported.

The calibration verification standard (CV) (file 3VL1126) had a low response for 1,2-dibromoethane on channel A, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The LCS WG24076-2 had a low recovery for the spiked analyte 1,2-dibromoethane which was outside of the method acceptance limits. Since the LCSD WG24076-3 had an acceptable spike recovery, the samples were not reextracted.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibration analyzed on 12/17/05 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. Several target analytes failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model. Since these analytes were not detected above the PQL in the associated method blank and the LCS and LCSD were acceptable, these samples were not reanalyzed.

The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this analyte was not detected above the PQL in the associated sample, this sample was not reanalyzed.

The CV (file K1268) had a high response for the CCC di-n-octylphthalate, which resulted in a %D that was outside the method acceptance limit of 20%. Since a high response would indicate a high bias and this target analyte was not detected above the PQL, the associated samples were not reanalyzed.

The CV (file K1284) had a low response for the CCC 2,4,6-trichlorophenol, which resulted in a %D that was outside the method acceptance limit of 20%.

The MS WG23949-4 had greater than ten percent of the spiked analytes with recoveries that were low and outside of the laboratory established acceptance limits. This sample also had low recoveries for three surrogates, which were outside the laboratory established acceptance limits. This was the result of a laboratory accident where a significant quantity of the extract was lost during the concentration stage of the extraction process. Consequently, the %RPD's for many of the spiked analytes are outside of the laboratory acceptance limits. Since the associated LCS and the MS were acceptable, no corrective action was taken.

8270C SIM Analysis

The CV (file U3084) had a high response for the CCC fluoranthene, which resulted in a %D that was outside the method acceptance limit of 20%. Since a high response would indicate a high bias and this target analyte was not detected above the PQL in the associated method blank, the method blank was not reanalyzed. The associated LCS and LCSD may be biased accordingly.

8082 Analysis

The method blank, WG23986-1, the laboratory control sample, WG23986-2, samples WV6662-6, 8, WV6687-4, 8 through 10 and 12, and the matrix spike duplicate pair, WG23986-3 and 4, had low recoveries for the extraction surrogate DCB on one or both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples and matrix spike duplicates were reextracted 26 or 27 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted sample (with the exception of WV6662-8) were also low. The results from both extractions are included in the report.

Samples WV6662-1 and WV6687-1 had low recoveries for the extraction surrogate DCB on channel B, which were outside of the laboratory established acceptance limits. Since the recoveries were within the acceptance limits for DCB on channel A and TCX on both channels, the samples were not reextracted.

The method blank, WG24698-1, laboratory control sample WG24698-2 and laboratory control sample duplicate WG24698-3 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since these samples were associated with reextracted samples, no further corrective action was taken.

The calibration verification standard (CV) (files 6WA2002) had a low response for DCB on channel B, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6WA1027 and 6WA2027) are flagged for the surrogates TCX and DCB indicating that the %D is greater than the method acceptance limit of 15%. The %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

8081 Analysis

Sample WV6687-12 and the matrix spike sample WG23985-3 had low recoveries for the extraction surrogate DCB on channel B, which were outside of the laboratory established acceptance limits. Since the recoveries were within the acceptance limits for DCB on channel A and TCX on both channels, the samples were not reextracted.

The opening CV (file 8WA1057) had high responses for the surrogate TCX on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since TCX was within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1080 and 8WA2080) had high responses for the surrogate TCX and low responses for endrin, 4,4'DDT, endrin aldehyde, endosulfan sulfate and methoxychlor on the A channel and low responses for 4,4'DDT and methoxychlor on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening/closing CV (file 8WA1109) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1132 and 8WA2132) had low responses for 4,4'-DDT, endosulfan sulfate and methoxychlor and high responses for TCX on channel A and a low response for endosulfan sulfate on the B channel. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening CV (file 8WA1136) had high responses for gamma-BHC, heptachlor, beta-BHC and TCX on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 8WA1159) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of SDG CTO367-3 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma (ICP) Atomic Emission Spectroscopic Analysis

The aqueous-matrix samples of SDG CTO367-3 were digested for ICP analyses on 12/22/05 (QC Batch VL22ICW1) and 01/03/06 (QC Batch WA03ICW1) in accordance with USEPA Method 3010A. Katahdin Sample Nos. WV6662-4 and WV6687-4 were prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO367-3 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA ICAP 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

The aqueous-matrix samples of SDG CTO367-3 were digested for mercury analysis on 01/03/06 (QC Batches WA03HGW1 and WA03HGW2) in accordance with USEPA Method 7470A. Katahdin Sample No. WV6687-4 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of SDG CTO367-3 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

Analyte recoveries in the matrix-spiked aliquots of Katahdin Sample Nos. WV6662-4 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added) for all measured analytes.

The recoveries of aluminum (141.4%) and iron (129.1%) in the matrix spike aliquot of Katahdin Sample No. WV6687-4 are outside the laboratory's acceptance limits. The recovery of aluminum (128.3%) in the matrix spike duplicate aliquot of Katahdin Sample No. WV6687-4 is outside the laboratory's acceptance limits.

The matrix spike duplicate analyses of Katahdin Sample Nos. WV6662-4 and WV6687-4 are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all measured analytes.

The serial dilution analysis of Katahdin Sample No. WV6687-4 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all measured analytes.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.23.06

Leslie Dimond
Quality Assurance Officer

WW6664

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 2670 | PAGE 1 OF 2

PROJECT NO: N00007	FACILITY: PEN 44	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin : Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd. #5
		CARRIER/WAYBILL NUMBER FEDEX 8532 2422 2189		CITY, STATE West Brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260 TCL VOC	504.1 EDB	8270 TCL SVOC/PAHS	8081/8082 PEST/PCB	FL-PRO	TAL Metals	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	
		PRESERVATIVE USED							HCL	HCL	4°	4°	HCL	HNO3	
12/13	1530	3221 GW0401	3221 MW04	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1540	3221 GW0501	3221 MW05	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1530	3221 GW0801	3221 MW08	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1530	3221 GW0701	3221 MW09	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1530	44TB1213	QA	—	—	QC	G	2	2	—	—	—	—	—	
12/13	1700	3221 GW0901	3221 MW9	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1700	3221 GW1001	3221 MW10	6	15	GW	G	12	3	2	2	2	2	1	
12/13	1700	3221 GW1001D	3221 MW10	6	15	GW	G	12	3	2	2	2	2	1	

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE 12/14/05	TIME 0910
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2663 | PAGE 1 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 44	G. Walker	850 385 9899	Katahdin Analytical; Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fedex 8532 2422 2167		Westbrook Me 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (Year 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	G	G	G	G	G	P			
									PRESERVATIVE USED	HCl	HCl	HCl	4°	4°	HNO3			
									TYPE OF ANALYSIS	8260 TCL VOC	540.1 EDB	FL-PRO	8270 TCL SVOC/PAHs	8081/8082 PEST/PCB	TAL Metals			COMMENTS
12/14	0910	44GW1401	PEW44 14	6	14	GW	G	12		3	2	2	2	2	1			
12/14	0920	44GW1101	PEW44 11	6	14	GW	G	12		3	2	2	2	2	1			
12/14	0935	44GW1001	PEW44 10	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1030	44GW0901	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1030	44GW0901 MS	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1030	44GW0901 MSD	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1050	44GW1901	PEW 44-19	64	74	GW	G	12		3	2	2	2	2	1			
12/14	1130	44TB1214	QA	—	—	QC	G	2		2								
12/14	1300	44GW1801	PEW 44-18	64	74	GW	G	12		3	2	2	2	2	1			
12/14	1350	44GW1301	PEW 4413	4	14	GW	G	12		3	2	2	2	2	1			
12/14	1400	44GW1501	PEW 4415	4	14	GW	G	12		3	2	2	2	2	1			
12/14	1425	44GW1201	PEW 4412	4	14	GW	G	12		3	2	2	2	2	1			
12/14	1450	3221GW0601	3221 MW06	4	14	GW	G	12		3	2	2	2	2	1			

1. RELINQUISHED BY: Matt D. Olson	DATE: 12-14-05	TIME: 1815	1. RECEIVED BY: Mtd	DATE: 12/15/05	TIME: 0920
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2664 | PAGE 2 OF 2

PROJECT NO: N00007	FACILITY: PEW 44	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: KATAHDIN - Andrea Colby
SAMPLERS (SIGNATURE) Matt D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FedEx 8532 2422 2167		CITY, STATE Westbrook ME 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260 cl VOC	8504.1 EDB	FL-PRO	8270 TCL SVOC/PAHs	8081/8082 Pest/PCB	TAL metals	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	
		PRESERVATIVE USED							HCl	HCl	HCl	4°	4°	HNO3	
12/14	1400	44GW1501D	PEW 44-15	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1530	3221GW0201	3321 MW02	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1540	44RB1214	QA	—	—	QC	G	12	3	2	2	2	2	1	
12/14	1620	3221GW0301	3221 MW03	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1625	3221GW0101	3221 MW01	6	14	GW	G	12	3	2	2	2	2	1	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Matt D. Olson	12-14-05	1815	1. RECEIVED BY	12/15/05	0920
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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PCB / Pest
SEP

KATAHDIN ANALYTICAL SERVICES, INC.
ORGANIC EXTRACTIONS LOG - AQUEOUS PESTICIDE/PCB

Extraction Method: SW846 3520 (CLLE)____ SW846 3510 (SEP) ✓ SW846 3535 (SPE)____

Analytical Method: SW846 8081 ✓ SW846 8082 ✓ EPA 608____ CLP OLM03.1____ CLP OLM04.2____ CLP OLC2.1____

Date QC Started: 12-15-05 QC Expiration Date: 12-29-05

Surrogate ID: GC0286 Spike ID: PCB-GC0265 Spike ID: Pest-GC0261

Solvent Lot # MeCl2: ~~B43E90~~ KF B32E08 Solvent Lot #____

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction Pest	Fraction PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up GPC	Clean-Up Flor.	Clean-Up Acid Wash	Clean-Up Other	Comments
12-15-05	KF	WG23924-1 WG23925-1	1000	1.0mL	NR	✓	✓	10mL	1.3.06	PP649 F4	KF			✓		PCB-R43510 Pest-R43511
		WG23924-2			1.0mL		✓			F5						
		-3					✓			F6						
		WG23925-2				✓				F7						
		-3				✓				F8						
		-4	200		NR	✓				F9						PBT896A TCLP Blank

QAEX112

0000111

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction Pest	Fraction PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up GPC	Clean-Up Flor.	Clean-Up Acid Wash	Clean-Up Other	Comments
12-15-05	KF	WV6661-2	1020	1.0mL	NR	✓	✓	10mL	1.3.06	PP649 F10	KF			✓		
		-4	1040			✓	✓			F11						
		WV6662-1	1050			✓	✓			F12						
		-2	1040			✓	✓			PP650 A1						
		-3	1040			✓	✓			A2						
		-4	1060			✓	✓			A3						
		-6	1040			✓	✓			A4						
		-7	1040			✓	✓			A5						
		-8	1050			✓	✓			A6						
		WV6544-1	200			✓				A7						TCLP Pest

QAEX112

Reviewed By____ Date____

0000112

1/1 SEP

KATAHDIN ANALYTICAL SERVICES, INC.
ORGANIC EXTRACTIONS LOG - AQUEOUS PESTICIDE/PCB

Extraction Method: SW846 3520 (CLLE)_____ SW846 3510 (SEP) ✓ SW846 3535 (SPE)_____

Analytical Method: SW846 8081 ✓ SW846 8082 ✓ EPA 608_____ CLP OLM03.1_____ CLP OLM04.2_____ CLP OLC2:1_____

Date QC Started: 12-17-05 QC Expiration Date: 12-31-05

Surrogate ID: GC0236 Spike ID: Pest GC02261 Spike ID: PCB GC02265

Solvent Lot # Merl, B32E03 Solvent Lot #_____

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction: Pest	Fraction: PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up: GPC	Clean-Up: Flor.	Clean-Up: Acid Wash	Clean-Up: Other	Comments
12-17-05	GN	WG23985-1 WG23986-1	1000	1mL	NR	✓	✓	10mL	1-3-06	PP650 A8	GN			✓		Pest R43581 PCB R43582
		WG23985-2	1000		1mL	✓				A9						
		-3	1020			✓				A10						
		-4	1020			✓				A11						
		WG23986-2	1000				✓			A12				✓		
		-3	1040				✓			B1						
		-4	1040				✓			B2						
																1-4-06 TR

QAEX112 000011

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction: Pest	Fraction: PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up: GPC	Clean-Up: Flor.	Clean-Up: Acid Wash	Clean-Up: Other	Comments
12-17-05	GN	WG23987-1	1060	1mL	NR	✓	✓	10mL	1-3-06	PP650 B3	GN			✓		
		-2	1060							B4						
		-3	1040							B5						
		-4	1060							B6						
		-5	1050							B7						
		-7	1050							B8						
		-8	1060							B9						
		-9	1060							B10						
		-10	1060							B11						
		-11	1060							B12						
		-12	1060							C1						
		WG23988-1	1050					10mL	1-4-06	PP650 C2	KF			✓		
		-2	1060							C3						
		-3	1020							C4						
		-4	1060							C5						
		WG23724-2	1050							C6						
		-3	1050							C7						
		-5	1060							C8						
		-6	1050							C9						
		-7	1040							C10						

QAEX112 000011

Reviewed By_____ Date_____

Katahdin Analytical Services 6000371

Pest / PCB
CLLE

KATAHDIN ANALYTICAL SERVICES, INC.
ORGANIC EXTRACTIONS LOG - AQUEOUS PESTICIDE/PCB

Extraction Method: SW846 3520 (CLLE) ✓ SW846 3510 (SEP)_____ SW846 3535 (SPE)_____

Analytical Method: SW846 8081 ✓ SW846 8082 ✓ EPA 608____ CLP OLM03.1____ CLP OLM04.2____ CLP OLC2.1____

Date QC Started: 1-16-06 QC Expiration Date: 1-30-06

Surrogate ID: GC0298 Spike ID: Pest: GC0261 Spike ID: PCB: GC0295

Solvent Lot # Mech: B43E90 Solvent Lot #_____

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction Pest	Fraction PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up GPC	Clean-Up Flor.	Clean-Up Acid Wash	Clean-Up Other	Comments
1-16-06	KF	WG24697-1 WG24698-1	1000	1.0mL	NR	✓	✓	10mL	1-18-06	PF652 F1	GN			✓		Pest-R: 44564 PCB-R: 44565
		WG24697-2			1.0mL	✓				F2						
		WG24698-2	↓				✓			F3				✓		
		-3	980				✓			F4				✓		MS WG66874
		-4	~~1010~~ 1000				✓			F5				✓		MSD WG66874
		-5	1040				✓			F6				✓		MS 650 WG6500-S
↓	↓	-6	1050	↓	↓		✓	↓	↓	F7	↓			✓		MSD WG6500-S

QAEX112

000014

Date Extracted	Ext. Init.	Sample ID	Initial Vol. mL	Surr. Vol.	Spike Vol.	Fraction Pest	Fraction PCB	Final Vol. mL	Date Conc.	Tray Location	Initials	Clean-Up GPC	Clean-Up Flor.	Clean-Up Acid Wash	Clean-Up Other	Comments
1-16-06	KF	WG6687-4	1020	1.0mL	NR		✓	10mL	1-18-06	PF652 F8	GN			✓		RE
		-8	1040				✓			F9				✓		
		-9	1060				✓			F10				✓		
		-10	1050				✓			F11				✓		
		-12	1060				✓			F12				✓		
		WG6662-6	1050				✓			PF653 A1				✓		
		-8	1050				✓			A2				✓		
		WG6500-5	1030			✓	✓			A3				✓		
		-7	1040			✓	✓			A4				✓		
		WG6534-2	1050				✓			A5				✓		
		WG6661-2	1030			✓	✓			A6				✓		
		-4	1040			✓	✓			A7				✓		
		WG6729-2	1050				✓			A8				✓		
		-3	1050				✓			A9				✓		
		-5	1050			✓	✓			A10				✓		
		-6	1050				✓			A11				✓		
↓	↓	-7	1040	↓	↓		✓	↓	↓	A12	↓			✓		↓

QAEX112

000014

Reviewed By_____ Date_____

Katahdin Analytical Services 6000372

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: FB297 BFB Injection Date: 12/21/05

Instrument ID: GCMS-F BFB Injection Time: 0733

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	29.9
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	67.0
175	5.0 - 9.0% of mass 174	5.4 (8.0)1
176	95.0 - 101.0% of mass 174	65.2 (97.4)1
177	5.0 - 9.0% of mass 176	3.3 (5.1)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD001F21A	F0024	12/21/05	1231
02		VSTD200F21A	F0025	12/21/05	1305
03		VSTD100F21A	F0026	12/21/05	1339
04		VSTD050F21C	F0029	12/21/05	1550
05		VSTD020F21B	F0030	12/21/05	1624
06		VSTD005F21B	F0031	12/21/05	1658
07					
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FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date(s): 12/21/05 12/21/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1050 1732

LAB FILE ID: RF1: F0024 RF5: F0031 RF20: F0030
RF50: F0029 RF100: F0026 RF200: F0025

								COEFFICENTS		%RSD	MAX %RSD	
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2	
Chloromethane	0.666	0.645	0.537	0.645	0.659	0.683	AVRG		0.63910041	8.151	15.000	
Vinyl chloride	0.638	0.606	0.520	0.586	0.564	0.584	AVRG		0.58294149	6.865	15.000	
Bromomethane	0.359	0.319	0.337	0.398	0.397	0.446	AVRG		0.37623547	12.397	15.000	
Chloroethane	0.312	0.370	0.322	0.370	0.339	0.370	AVRG		0.34734558	7.634	15.000	
1,1-Dichloroethene	0.484	0.494	0.418	0.485	0.476	0.479	AVRG		0.47260008	5.768	15.000	
Acetone	0.038	0.026	0.028	0.026	0.028	0.030	AVRG		2.93e-002	15.700	15.000	<-
Carbon Disulfide	1.862	1.792	1.487	1.700	1.675	1.675	AVRG		1.69852254	7.497	15.000	
Methylene Chloride	37761	80277	209370	560560	1063700	2105100	LINR	-3.56e-002	1.84475629	0.99970	0.99000	
1,1-Dichloroethane	0.960	1.038	0.918	0.994	0.974	0.965	AVRG		0.97481160	4.072	15.000	
1,2-Dichloroethylene (tot	1.119						AVRG		1.11945125	0.000	15.000	
2-Butanone	0.036	0.037	0.041	0.038	0.040	0.042	AVRG		3.921e-002	6.183	15.000	
Chloroform	0.943	1.004	0.842	0.972	0.973	0.960	AVRG		0.94909937	5.888	15.000	
1,1,1-Trichloroethane	0.944	0.929	0.827	0.930	0.906	0.894	AVRG		0.90505547	4.644	15.000	
Carbon Tetrachloride	9720	77518	297530	885090	1702700	3387800	LINR	2.202e-003	1.71404736	0.99962	0.99000	
Benzene	1.442	1.416	1.235	1.374	1.359	1.304	AVRG		1.35493999	5.575	15.000	
1,2-Dichloroethane	0.666	0.579	0.512	0.554	0.550	0.534	AVRG		0.56600675	9.503	15.000	
Trichloroethene	0.354	0.418	0.342	0.380	0.378	0.355	AVRG		0.37128523	7.378	15.000	
1,2-Dichloropropane	0.315	0.349	0.302	0.340	0.328	0.319	AVRG		0.32546235	5.284	15.000	
Bromodichloromethane	0.432	0.521	0.467	0.528	0.522	0.501	AVRG		0.49528373	7.699	15.000	
cis-1,3-dichloropropene	0.516	0.578	0.537	0.579	0.577	0.555	AVRG		0.55700443	4.692	15.000	
4-methyl-2-pentanone	0.242	0.265	0.275	0.248	0.257	0.264	AVRG		0.25855653	4.658	15.000	
Toluene	0.935	0.951	0.795	0.901	0.876	0.835	AVRG		0.88209926	6.763	15.000	
trans-1,3-Dichloropropene	0.417	0.488	0.448	0.481	0.486	0.480	AVRG		0.46674957	6.099	15.000	
1,1,2-Trichloroethane	0.195	0.226	0.204	0.214	0.210	0.209	AVRG		0.20966070	4.899	15.000	
Tetrachloroethene	0.355	0.366	0.313	0.363	0.356	0.347	AVRG		0.34997427	5.556	15.000	
2-Hexanone	0.167	0.206	0.224	0.202	0.217	0.230	AVRG		0.20786088	10.952	15.000	
Dibromochloromethane	0.335	0.396	0.399	0.429	0.446	0.447	AVRG		0.40876166	10.319	15.000	
1,2-Dibromoethane	0.247	0.290	0.283	0.289	0.296	0.290	AVRG		0.28239712	6.266	15.000	
Chlorobenzene	1.093	1.168	1.033	1.169	1.166	1.126	AVRG		1.12568551	4.858	15.000	
Ethylbenzene	2.037	1.974	1.763	1.993	1.946	1.883	AVRG		1.93252031	5.055	15.000	
Xylenes (total)	0.439						AVRG		0.43869631	0.000	15.000	
Styrene	1.167	1.225	1.149	1.189	1.222	1.137	AVRG		1.18137485	3.128	15.000	
Bromoform	0.202	0.230	0.242	0.261	0.277	0.284	AVRG		0.24948375	12.384	15.000	
1,1,2,2-Tetrachloroethane	0.861	0.897	0.847	0.862	0.850	0.817	AVRG		0.85559600	3.046	15.000	
trans-1,2-Dichloroethene	0.560	0.561	0.477	0.526	0.539	0.534	AVRG		0.53290861	5.796	15.000	
cis-1,2-Dichloroethene	0.560	0.576	0.497	0.564	0.554	0.551	AVRG		0.55029796	4.963	15.000	
m+p-Xylenes	0.756	0.714	0.661	0.687	0.694	0.650	AVRG		0.69378231	5.484	15.000	
o-Xylene	0.682	0.706	0.636	0.646	0.663	0.618	AVRG		0.65850884	4.868	15.000	
1,2-Dichloroethane-D4	0.628	0.670	0.762	0.652	0.668	0.677	AVRG		0.67604358	6.721	15.000	
Toluene-D8	1.118	1.284	1.384	1.212	1.243	1.177	AVRG		1.23632529	7.412	15.000	
P-Bromofluorobenzene	0.507	0.533	0.553	0.466	0.485	0.460	AVRG		0.50080921	7.452	15.000	
Dibromofluoromethane	0.528	0.564	0.627	0.554	0.566	0.572	AVRG		0.56848336	5.749	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date(s): 12/21/05 12/21/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1050 1732

Average %RSD test result.
Calculate Average %RSD: 14.64655495
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG24148-LCS	WG24148-1	97	99	101	94	0
02	WG24148-BLANK	WG24148-2	104	108	107	100	0
03	3221GW0501	WV6662-2	100	104	98	94	0
04	3221GW0801	WV6662-3	104	108	104	96	0
05	WG24176-LCS	WG24176-1	97	98	97	92	0
06	WG24178-LCS	WG24178-1	105	96	117	103	0
07	WG24176-BLANK	WG24176-2	101	105	99	94	0
08	44TB1213	WV6662-5	98	103	99	95	0
09	WG24178-BLANK	WG24178-2	101	93	106	104	0
10	44TB1214	WV6687-6	96	95	106	111	0
11	3221GW0701	WV6662-4	102	105	99	93	0
12	44GW1401	WV6687-1	100	96	133J	96	1
13	3221GW0901	WV6662-6	98	100	97	91	0
14	44GW1101	WV6687-2	81	95	98	109	0
15	3221GW1001	WV6662-7	99	105	97	93	0
16	44GW1001	WV6687-3	90	92	98	95	0
17	3221GW1001D	WV6662-8	104	108	102	94	0
18	44GW0901	WV6687-4	110	102	116	104	0
19	3221GW0401	WV6662-1	102	106	103	97	0
20	44GW1901	WV6687-5	106	100	111	100	0
21	44GW1801	WV6687-7	98	96	107	95	0
22	44GW1301	WV6687-8	99	97	92	97	0
23	44GW1501	WV6687-9	101	96	101	99	0
24	44GW1201	WV6687-10	101	98	99	86	0
25	3221GW0601	WV6687-11	96	94	110	111	0
26	44GW1501D	WV6687-12	103	98	101	99	0
27	44GW0901MS	WG24178-3	61J	58J	65J	53J	4
28	44GW0901MSD	WG24178-4	112	107	107	106	0

	QC LIMITS
SMC1 (DBF) = Dibromofluoromethane	(76-118)
SMC2 (DCA) = 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL) = Toluene-D8	(68-122)
SMC4 (BFB) = P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: FB298 BFB Injection Date: 12/22/05

Instrument ID: GCMS-F BFB Injection Time: 0906

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.7
75	30.0 - 60.0% of mass 95	50.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	77.9
175	5.0 - 9.0% of mass 174	6.9 (8.8)1
176	95.0 - 101.0% of mass 174	76.7 (98.5)1
177	5.0 - 9.0% of mass 176	4.8 (6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F22A	F0033	12/22/05	0930
02	WG24148-LCS	WG24148-1	F0034	12/22/05	1017
03	WG24148-BLANK	WG24148-2	F0036	12/22/05	1136
04	3221GW0501	WV6662-2	F0050	12/22/05	1940
05	3221GW0801	WV6662-3	F0051	12/22/05	2014
06					
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FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date: 12/22/05 Time: 0930

Lab File ID: F0033 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.6390000	0.6402500	0.6402500	0.1	0.20		AVRG
Vinyl chloride	0.5830000	0.6174700	0.6174700	0.01	5.91	20.00	AVRG
Bromomethane	0.3760000	0.4052800	0.4052800	0.01	7.79		AVRG
Chloroethane	0.3470000	0.3897900	0.3897900	0.01	12.33		AVRG
1,1-Dichloroethene	0.4730000	0.4688500	0.4688500	0.1	-0.88	20.00	AVRG
Acetone	2.9e-002	3.07e-002	3.07e-002	0.01	5.86		AVRG
Carbon Disulfide	1.6980000	1.6958000	1.6958000	0.01	-0.13		AVRG
Methylene Chloride	51.308000	50.000000	0.5755400	0.01	2.62		LINR
1,1-Dichloroethane	0.9750000	0.9964400	0.9964400	0.3	2.20		AVRG
1,2-Dichloroethylene (total)	1.1190000	1.0888000	1.0888000	0.01	-2.70		AVRG
2-Butanone	3.9e-002	4.27e-002	4.27e-002	0.01	9.49		AVRG
Chloroform	0.9490000	1.0119000	1.0119000	0.01	6.63	20.00	AVRG
1,1,1-Trichloroethane	0.9050000	0.9421000	0.9421000	0.01	4.10		AVRG
Carbon Tetrachloride	52.393000	50.000000	0.6100600	0.01	4.79		LINR
Benzene	1.3550000	1.3779000	1.3779000	0.01	1.69		AVRG
1,2-Dichloroethane	0.5660000	0.5617600	0.5617600	0.01	-0.75		AVRG
Trichloroethene	0.3710000	0.3752400	0.3752400	0.01	1.14		AVRG
1,2-Dichloropropane	0.3260000	0.3375800	0.3375800	0.01	3.55	20.00	AVRG
Bromodichloromethane	0.4950000	0.5436400	0.5436400	0.01	9.83		AVRG
cis-1,3-dichloropropene	0.5570000	0.6036200	0.6036200	0.01	8.37		AVRG
4-methyl-2-pentanone	0.2580000	0.2849100	0.2849100	0.01	10.43		AVRG
Toluene	0.8820000	0.9179900	0.9179900	0.01	4.08	20.00	AVRG
trans-1,3-Dichloropropene	0.4670000	0.5201900	0.5201900	0.01	11.39		AVRG
1,1,2-Trichloroethane	0.2100000	0.2231600	0.2231600	0.01	6.27		AVRG
Tetrachloroethene	0.3500000	0.3594100	0.3594100	0.01	2.69		AVRG
2-Hexanone	0.2080000	0.2338200	0.2338200	0.01	12.41		AVRG
Dibromochloromethane	0.4090000	0.4464000	0.4464000	0.01	9.14		AVRG
1,2-Dibromoethane	0.2820000	0.3041900	0.3041900	0.01	7.87		AVRG
Chlorobenzene	1.1260000	1.1736000	1.1736000	0.3	4.23		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date: 12/22/05 Time: 0930

Lab File ID: F0033 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Ethylbenzene	1.9330000	1.9900000	1.9900000	0.01	2.95	20.00	AVRG
Xylenes (total)	0.4390000	0.6611100	0.6611100	0.01	50.59		AVRG
Styrene	1.1820000	1.1733000	1.1733000	0.01	-0.74		AVRG
Bromoform	0.2490000	0.2895100	0.2895100	0.1	16.27		AVRG
1,1,2,2-Tetrachloroethane	0.8560000	0.9082100	0.9082100	0.3	6.10		AVRG
trans-1,2-Dichloroethene	0.5330000	0.5266000	0.5266000	0.01	-1.20		AVRG
cis-1,2-Dichloroethene	0.5500000	0.5622200	0.5622200	0.01	2.22		AVRG
m+p-Xylenes	0.6940000	0.6736100	0.6736100	0.01	-2.94		AVRG
o-Xylene	0.6580000	0.6361100	0.6361100	0.01	-3.33		AVRG
1,2-Dichloroethane-D4	0.6760000	0.6528000	0.6528000	0.01	-3.43		AVRG
Toluene-D8	1.2360000	1.2334000	1.2334000	0.01	-0.21		AVRG
P-Bromofluorobenzene	0.5010000	0.4708000	0.4708000	0.01	-6.03		AVRG
Dibromofluoromethane	0.5680000	0.5611800	0.5611800	0.01	-1.20		AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 22-DEC-2005 11:36
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24148-2
Client ID: WG24148-Blank
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	I	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	I	1	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		100%				
1868-53-7	Dibromofluoromethane		104%				

Sample Data Summary A0000023

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/22/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24148-1
Client ID: WG24148-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	58	116	4-217
Chloromethane	50	NA	53	106	40-163
Vinyl chloride	50	NA	56	112	55-151
Bromomethane	50	NA	59	119	24-217
Chloroethane	50	NA	57	114	69-134
Trichlorofluoromethane	50	NA	54	107	71-147
Diethyl Ether	50	NA	49	98	67-135
Tertiary-butyl alcohol	250	NA	244	98	58-146
1,1-Dichloroethene	50	NA	53	105	78-136
Carbon Disulfide	50	NA	48	95	70-136
Freon-113	50	NA	48	95	60-140
Iodomethane	50	NA	55	109	60-140
Acrolein	250	NA	257	103	0-199
Methylene Chloride	50	NA	52	105	52-115
Acetone	50	NA	61	122	0-158
Isobutyl Alcohol	1000	NA	856	86	60-140
trans-1,2-Dichloroethene	50	NA	53	105	84-131
Allyl Chloride	50	NA	50	100	60-140
Methyl tert-butyl ether	100	NA	106	106	62-130
Acetonitrile	500	NA	543	109	53-141
Di-isopropyl ether	50	NA	50	101	82-130
Chloroprene	50	NA	52	103	60-140
Methacrylonitrile	500	NA	503	101	60-140
Propionitrile	500	NA	480	96	60-140
1,1-Dichloroethane	50	NA	52	105	81-134
Acrylonitrile	250	NA	248	99	29-172
Ethyl tertiary-butyl ether	50	NA	49	99	85-124
Vinyl Acetate	50	NA	48	97	68-174
cis-1,2-Dichloroethene	50	NA	52	103	84-123
1,2-Dichloroethylene (total)	100	NA	104	104	84-131
Methyl Methacrylate	50	NA	50	101	60-140
2,2-Dichloropropane	50	NA	55	110	69-150
Bromochloromethane	50	NA	54	107	77-146
Chloroform	50	NA	53	105	80-130
Carbon Tetrachloride	50	NA	54	107	74-137
Tetrahydrofuran	50	NA	49	97	32-140
1,1,1-Trichloroethane	50	NA	53	106	76-138
1,1-Dichloropropene	50	NA	54	108	82-120
2-Butanone	50	NA	94	* 189	49-154
Benzene	50	NA	52	103	88-120
Cyclohexane	50	NA	56	112	60-140
Ethyl Methacrylate	50	NA	48	97	60-140
Tertiary-amyl methyl ether	50	NA	50	101	85-125
1,2-Dichloroethane	50	NA	50	101	78-138
Trichloroethene	50	NA	53	106	80-125

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/22/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24148-1
Client ID: WG24148-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	52		104	88-130
1,2-Dichloropropane	50	NA	51		102	80-122
Bromodichloromethane	50	NA	52		103	83-133
cis-1,3-dichloropropene	50	NA	54		107	81-138
1,4-Dioxane	1000	NA	0.00	*	0	60-140
2-Chloroethylvinylether	50	NA	52		105	50-211
Toluene	50	NA	52		103	88-121
4-methyl-2-pentanone	50	NA	53		106	72-140
Tetrachloroethene	50	NA	54		107	77-129
trans-1,3-Dichloropropene	50	NA	57		114	81-149
1,1,2-Trichloroethane	50	NA	50		101	82-126
Dibromochloromethane	50	NA	52		104	80-133
1,3-Dichloropropane	50	NA	53		105	86-125
1,2-Dibromoethane	50	NA	52		104	88-127
2-Hexanone	50	NA	54		108	45-146
Chlorobenzene	50	NA	52		104	84-123
Ethylbenzene	50	NA	52		105	84-134
1,1,1,2-Tetrachloroethane	50	NA	54		107	83-130
Xylenes (total)	150	NA	149		99	88-123
m+p-Xylenes	100	NA	99		99	88-122
o-Xylene	50	NA	49		98	90-123
Styrene	50	NA	50		99	87-131
Bromoform	50	NA	55		110	77-138
Isopropylbenzene	50	NA	55		109	88-125
cis-1,4-Dichloro-2-Butene	50	NA	56		112	60-140
trans-1,4-Dichloro-2-Butene	50	NA	56		113	60-140
Bromobenzene	50	NA	50		100	84-133
N-Propylbenzene	50	NA	55		110	88-124
1,1,2,2-Tetrachloroethane	50	NA	51		102	81-131
1,3,5-Trimethylbenzene	50	NA	43	*	86	89-124
2-Chlorotoluene	50	NA	53		106	84-128
1,2,3-Trichloropropane	50	NA	41		83	76-132
4-Chlorotoluene	50	NA	45		89	86-132
tert-Butylbenzene	50	NA	55		109	82-131
Pentachloroethane	50	NA	51		102	60-140
1,2,4-Trimethylbenzene	50	NA	43	*	86	88-121
P-Isopropyltoluene	50	NA	45		89	86-122
1,3-Dichlorobenzene	50	NA	44		89	86-124
1,4-Dichlorobenzene	50	NA	44		88	80-127
N-Butylbenzene	50	NA	42		85	81-133
sec-Butylbenzene	50	NA	46		92	85-122
1,2-Dichlorobenzene	50	NA	42	*	85	86-126
1,2-Dibromo-3-Chloropropane	50	NA	49		97	61-136
1,3,5-Trichlorobenzene	50	NA	39		78	67-128
Hexachlorobutadiene	50	NA	39		78	52-129

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/22/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24148-1
Client ID: WG24148-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24148
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	44	88	53-157
1,2,3-Trimethylbenzene	50	NA	42	83	60-140
Naphthalene	50	NA	42	84	45-151
1,2,3-Trichlorobenzene	50	NA	43	86	30-164
Methyl Acetate	50	NA	46	93	60-140
Methylcyclohexane	50	NA	53	106	60-140

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: FB299 BFB Injection Date: 12/23/05

Instrument ID: GCMS-F BFB Injection Time: 0925

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.0
75	30.0 - 60.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.2 (0.3)1
174	Greater than 50.0% of mass 95	72.6
175	5.0 - 9.0% of mass 174	3.8 (5.2)1
176	95.0 - 101.0% of mass 174	71.4 (98.3)1
177	5.0 - 9.0% of mass 176	5.1 (7.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050F23A	F0054	12/23/05	0949
02	WG24176-LCS	WG24176-1	F0055	12/23/05	1033
03	WG24176-BLANK	WG24176-2	F0057	12/23/05	1155
04	44TB1213	WV6662-5	F0058	12/23/05	1228
05	3221GW0701	WV6662-4	F0060	12/23/05	1336
06	3221GW0901	WV6662-6	F0061	12/23/05	1409
07	3221GW1001	WV6662-7	F0062	12/23/05	1443
08	3221GW1001D	WV6662-8	F0063	12/23/05	1517
09	3221GW0401	WV6662-1	F0064	12/23/05	1551
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date: 12/23/05 Time: 0949

Lab File ID: F0054 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.6390000	0.5316800	0.5316800	0.1	-16.80		AVRG
Vinyl chloride	0.5830000	0.5012000	0.5012000	0.01	-14.03	20.00	AVRG
Bromomethane	0.3760000	0.2814800	0.2814800	0.01	-25.14		AVRG
Chloroethane	0.3470000	0.3139600	0.3139600	0.01	-9.52		AVRG
1,1-Dichloroethene	0.4730000	0.4102500	0.4102500	0.1	-13.27	20.00	AVRG
Acetone	2.9e-002	2.09e-002	2.09e-002	0.01	-27.93		AVRG
Carbon Disulfide	1.6980000	1.4321000	1.4321000	0.01	-15.66		AVRG
Methylene Chloride	43.012000	50.000000	0.4855900	0.01	-13.98		LINR
1,1-Dichloroethane	0.9750000	0.8849900	0.8849900	0.3	-9.23		AVRG
1,2-Dichloroethylene (total)	1.1190000	0.9623000	0.9623000	0.01	-14.00		AVRG
2-Butanone	3.9e-002	3.31e-002	3.31e-002	0.01	-15.13		AVRG
Chloroform	0.9490000	0.9115400	0.9115400	0.01	-3.95	20.00	AVRG
1,1,1-Trichloroethane	0.9050000	0.8606500	0.8606500	0.01	-4.90		AVRG
Carbon Tetrachloride	47.317000	50.000000	0.5508200	0.01	-5.37		LINR
Benzene	1.3550000	1.2383000	1.2383000	0.01	-8.61		AVRG
1,2-Dichloroethane	0.5660000	0.5175200	0.5175200	0.01	-8.56		AVRG
Trichloroethene	0.3710000	0.3785900	0.3785900	0.01	2.04		AVRG
1,2-Dichloropropane	0.3260000	0.3067000	0.3067000	0.01	-5.92	20.00	AVRG
Bromodichloromethane	0.4950000	0.5101600	0.5101600	0.01	3.06		AVRG
cis-1,3-dichloropropene	0.5570000	0.5487800	0.5487800	0.01	-1.48		AVRG
4-methyl-2-pentanone	0.2580000	0.2205200	0.2205200	0.01	-14.53		AVRG
Toluene	0.8820000	0.8424300	0.8424300	0.01	-4.49	20.00	AVRG
trans-1,3-Dichloropropene	0.4670000	0.4681100	0.4681100	0.01	0.24		AVRG
1,1,2-Trichloroethane	0.2100000	0.2005000	0.2005000	0.01	-4.52		AVRG
Tetrachloroethene	0.3500000	0.3267700	0.3267700	0.01	-6.64		AVRG
2-Hexanone	0.2080000	0.1757400	0.1757400	0.01	-15.51		AVRG
Dibromochloromethane	0.4090000	0.3984700	0.3984700	0.01	-2.57		AVRG
1,2-Dibromoethane	0.2820000	0.2633400	0.2633400	0.01	-6.62		AVRG
Chlorobenzene	1.1260000	1.1044000	1.1044000	0.3	-1.92		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date: 12/23/05 Time: 0949

Lab File ID: F0054 Init. Calib. Date(s): 12/21/05 12/21/05

Init. Calib. Times: 1050 1732

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Ethylbenzene	1.9330000	1.8486000	1.8486000	0.01	-4.37	20.00	AVRG
Xylenes (total)	0.4390000	0.6159000	0.6159000	0.01	40.30		AVRG
Styrene	1.1820000	1.0938000	1.0938000	0.01	-7.46		AVRG
Bromoform	0.2490000	0.2429700	0.2429700	0.1	-2.42		AVRG
1,1,2,2-Tetrachloroethane	0.8560000	0.7944500	0.7944500	0.3	-7.19		AVRG
trans-1,2-Dichloroethene	0.5330000	0.4637300	0.4637300	0.01	-13.00		AVRG
cis-1,2-Dichloroethene	0.5500000	0.4985700	0.4985700	0.01	-9.35		AVRG
m+p-Xylenes	0.6940000	0.6288700	0.6288700	0.01	-9.38		AVRG
o-Xylene	0.6580000	0.5899600	0.5899600	0.01	-10.34		AVRG
1,2-Dichloroethane-D4	0.6760000	0.8374100	0.8374100	0.01	23.88		AVRG
Toluene-D8	1.2360000	1.5497000	1.5497000	0.01	25.38		AVRG
P-Bromofluorobenzene	0.5010000	0.5907200	0.5907200	0.01	17.91		AVRG
Dibromofluoromethane	0.5680000	0.7088100	0.7088100	0.01	24.79		AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 23-DEC-2005 11:55
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24176-2
Client ID: WG24176-Blank
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		105%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		94%				
1868-53-7	Dibromofluoromethane		101%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24176-1
Client ID: WG24176-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	61		122	4-217
Chloromethane	50	NA	56		113	40-163
Vinyl chloride	50	NA	55		110	55-151
Bromomethane	50	NA	55		110	24-217
Chloroethane	50	NA	55		110	69-134
Trichlorofluoromethane	50	NA	55		109	71-147
Diethyl Ether	50	NA	47		93	67-135
Tertiary-butyl alcohol	250	NA	198		79	58-146
1,1-Dichloroethene	50	NA	52		104	78-136
Carbon Disulfide	50	NA	47		94	70-136
Freon-113	50	NA	48		96	60-140
Iodomethane	50	NA	54		109	60-140
Acrolein	250	NA	246		98	0-199
Methylene Chloride	50	NA	51		101	52-115
Acetone	50	NA	53		105	0-158
Isobutyl Alcohol	1000	NA	809		81	60-140
trans-1,2-Dichloroethene	50	NA	50		100	84-131
Allyl Chloride	50	NA	49		99	60-140
Methyl tert-butyl ether	100	NA	97		97	62-130
Acetonitrile	500	NA	648		130	53-141
Di-isopropyl ether	50	NA	49		99	82-130
Chloroprene	50	NA	50		100	60-140
Methacrylonitrile	500	NA	474		95	60-140
Propionitrile	500	NA	465		93	60-140
1,1-Dichloroethane	50	NA	53		105	81-134
Acrylonitrile	250	NA	241		96	29-172
Ethyl tertiary-butyl ether	50	NA	49		97	85-124
Vinyl Acetate	50	NA	44		89	68-174
cis-1,2-Dichloroethene	50	NA	52		104	84-123
1,2-Dichloroethylene (total)	100	NA	102		102	84-131
Methyl Methacrylate	50	NA	47		93	60-140
2,2-Dichloropropane	50	NA	54		108	69-150
Bromochloromethane	50	NA	56		111	77-146
Chloroform	50	NA	53		106	80-130
Carbon Tetrachloride	50	NA	54		108	74-137
Tetrahydrofuran	50	NA	50		99	32-140
1,1,1-Trichloroethane	50	NA	54		107	76-138
1,1-Dichloropropene	50	NA	52		105	82-120
2-Butanone	50	NA	87	*	173	49-154
Benzene	50	NA	51		103	88-120
Cyclohexane	50	NA	56		111	60-140
Ethyl Methacrylate	50	NA	44		89	60-140
Tertiary-amyl methyl ether	50	NA	48		96	85-125
1,2-Dichloroethane	50	NA	52		103	78-138
Trichloroethene	50	NA	52		105	80-125

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24176-1
Client ID: WG24176-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	52		104	88-130
1,2-Dichloropropane	50	NA	52		104	80-122
Bromodichloromethane	50	NA	52		104	83-133
cis-1,3-dichloropropene	50	NA	54		107	81-138
1,4-Dioxane	1000	NA	0.00	*	0	60-140
2-Chloroethylvinylether	50	NA	45		89	50-211
Toluene	50	NA	52		103	88-121
4-methyl-2-pentanone	50	NA	48		96	72-140
Tetrachloroethene	50	NA	53		106	77-129
trans-1,3-Dichloropropene	50	NA	57		114	81-149
1,1,2-Trichloroethane	50	NA	51		102	82-126
Dibromochloromethane	50	NA	53		106	80-133
1,3-Dichloropropane	50	NA	53		106	86-125
1,2-Dibromoethane	50	NA	53		106	88-127
2-Hexanone	50	NA	50		100	45-146
Chlorobenzene	50	NA	54		108	84-123
Ethylbenzene	50	NA	52		105	84-134
1,1,1,2-Tetrachloroethane	50	NA	55		110	83-130
Xylenes (total)	150	NA	149		99	88-123
m+p-Xylenes	100	NA	99		99	88-122
o-Xylene	50	NA	49		99	90-123
Styrene	50	NA	50		101	87-131
Bromoform	50	NA	55		109	77-138
Isopropylbenzene	50	NA	55		110	88-125
cis-1,4-Dichloro-2-Butene	50	NA	52		104	60-140
trans-1,4-Dichloro-2-Butene	50	NA	53		106	60-140
Bromobenzene	50	NA	52		104	84-133
N-Propylbenzene	50	NA	55		110	88-124
1,1,2,2-Tetrachloroethane	50	NA	50		99	81-131
1,3,5-Trimethylbenzene	50	NA	44	*	88	89-124
2-Chlorotoluene	50	NA	54		108	84-128
1,2,3-Trichloropropane	50	NA	46		93	76-132
4-Chlorotoluene	50	NA	45		90	86-132
tert-Butylbenzene	50	NA	55		111	82-131
Pentachloroethane	50	NA	51		103	60-140
1,2,4-Trimethylbenzene	50	NA	44		88	88-121
P-Isopropyltoluene	50	NA	45		91	86-122
1,3-Dichlorobenzene	50	NA	45		91	86-124
1,4-Dichlorobenzene	50	NA	44		89	80-127
N-Butylbenzene	50	NA	42		84	81-133
sec-Butylbenzene	50	NA	46		92	85-122
1,2-Dichlorobenzene	50	NA	43		86	86-126
1,2-Dibromo-3-Chloropropane	50	NA	45		91	61-136
1,3,5-Trichlorobenzene	50	NA	40		80	67-128
Hexachlorobutadiene	50	NA	40		80	52-129

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24176-1
Client ID: WG24176-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	46	93	53-157
1,2,3-Trimethylbenzene	50	NA	42	85	60-140
Naphthalene	50	NA	40	80	45-151
1,2,3-Trichlorobenzene	50	NA	43	87	30-164
Methyl Acetate	50	NA	43	87	60-140
Methylcyclohexane	50	NA	51	101	60-140

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: MB366 BFB Injection Date: 12/22/05

Instrument ID: GCMS-M BFB Injection Time: 1112

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	92.2
175	5.0 - 9.0% of mass 174	7.3 (7.9)1
176	95.0 - 101.0% of mass 174	93.0 (100.8)1
177	5.0 - 9.0% of mass 176	5.4 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M22A	M0856	12/22/05	1136
02		VSTD020M22A	M0857	12/22/05	1212
03		VSTD005M22A	M0858	12/22/05	1247
04		VSTD001M22A	M0859	12/22/05	1323
05		VSTD200M22A	M0860	12/22/05	1359
06		VSTD100M22A	M0861	12/22/05	1434
07					
08					
09					
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FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

LAB FILE ID: RF1: M0859 RF5: M0858 RF20: M0857
RF50: M0856 RF100: M0861 RF200: M0860

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2	
Chloromethane	0.407	0.385	0.420	0.451	0.437	0.387	AVRG		0.41435560	6.443	15.000	
Vinyl chloride	0.512	0.455	0.513	0.494	0.426	0.415	AVRG		0.46927229	9.189	15.000	
Bromomethane	0.395	0.371	0.438	0.487	0.458	0.414	AVRG		0.42720239	9.955	15.000	
Chloroethane	0.294	0.240	0.246	0.274	0.253	0.218	AVRG		0.25393146	10.513	15.000	
1,1-Dichloroethene	0.461	0.411	0.384	0.439	0.415	0.394	AVRG		0.41732491	6.905	15.000	
Acetone	0.043	0.028	0.027	0.026	0.027	0.026	AVRG		2.978e-002	22.224	15.000	<-
Carbon Disulfide	1.540	1.294	1.331	1.562	1.414	1.335	AVRG		1.41276055	8.079	15.000	
Methylene Chloride	16529	36939	102950	277250	499400	967650	LINR	-6.23e-002	1.99217064	0.99720	0.99000	
1,1-Dichloroethane	0.987	0.896	0.847	0.988	0.935	0.903	AVRG		0.92604981	5.980	15.000	
1,2-Dichloroethylene (tot							AVRG				0.000	
2-Butanone	0.050	0.046	0.045	0.049	0.050	0.044	AVRG		4.748e-002	6.083	15.000	
Chloroform	1.179	1.053	1.094	1.219	1.208	0.984	AVRG		1.12278874	8.427	15.000	
1,1,1-Trichloroethane	0.893	0.983	0.868	1.060	1.024	0.966	AVRG		0.96555184	7.663	15.000	
Carbon Tetrachloride	0.684	0.753	0.722	0.670	0.754	0.727	AVRG		0.71845000	4.851	15.000	
Benzene	1.399	1.378	1.472	1.297	1.346	1.226	AVRG		1.35296989	6.275	15.000	
1,2-Dichloroethane	0.661	0.731	0.841	0.704	0.816	0.766	AVRG		0.75309998	9.040	15.000	
Trichloroethene	0.519	0.438	0.425	0.430	0.461	0.464	AVRG		0.45625137	7.592	15.000	
1,2-Dichloropropane	0.304	0.330	0.362	0.300	0.332	0.310	AVRG		0.32300122	7.253	15.000	
Bromodichloromethane	0.752	0.774	0.742	0.736	0.845	0.759	AVRG		0.76800232	5.195	15.000	
cis-1,3-dichloropropene	0.718	0.728	0.642	0.662	0.700	0.674	AVRG		0.68733126	4.910	15.000	
4-methyl-2-pentanone	0.390	0.350	0.390	0.338	0.343	0.340	AVRG		0.35853605	6.898	15.000	
Toluene	0.965	0.863	0.755	0.696	0.830	0.727	AVRG		0.80594797	12.391	15.000	
trans-1,3-Dichloropropene	0.711	0.623	0.698	0.600	0.668	0.688	AVRG		0.66444658	6.606	15.000	
1,1,2-Trichloroethane	0.354	0.316	0.328	0.300	0.343	0.307	AVRG		0.32451908	6.415	15.000	
Tetrachloroethene	0.537	0.469	0.513	0.498	0.519	0.461	AVRG		0.49934917	5.901	15.000	
2-Hexanone	0.345	0.316	0.363	0.297	0.312	0.291	AVRG		0.32086154	8.798	15.000	
Dibromochloromethane	0.667	0.673	0.797	0.724	0.763	0.720	AVRG		0.72391793	6.986	15.000	
1,2-Dibromoethane	0.493	0.510	0.495	0.433	0.465	0.461	AVRG		0.47624491	5.944	15.000	
Chlorobenzene	1.230	1.362	1.191	1.173	1.256	1.123	AVRG		1.22237312	6.745	15.000	
Ethylbenzene	2.016	2.013	2.156	2.076	1.989	1.810	AVRG		2.01016421	5.721	15.000	
Xylenes (total)							AVRG				0.000	
Styrene	1.017	1.140	1.220	1.201	1.180	1.124	AVRG		1.14715167	6.380	15.000	
Bromoform	0.598	0.598	0.705	0.638	0.620	0.628	AVRG		0.63134820	6.245	15.000	
1,1,2,2-Tetrachloroethane	1.131	0.994	1.014	0.909	0.809	0.979	AVRG		0.97289892	11.068	15.000	
trans-1,2-Dichloroethene	0.561	0.460	0.459	0.495	0.483	0.448	AVRG		0.48425328	8.513	15.000	
cis-1,2-Dichloroethene	0.481	0.449	0.500	0.557	0.580	0.505	AVRG		0.51205264	9.473	15.000	
m+p-Xylenes	0.772	0.604	0.728	0.692	0.652	0.562	AVRG		0.66860853	11.702	15.000	
o-Xylene	0.628	0.719	0.771	0.664	0.717	0.634	AVRG		0.68882248	8.175	15.000	
1,2-Dichloroethane-D4	0.883	0.807	0.727	0.866	0.781	0.788	AVRG		0.80862161	7.141	15.000	
Toluene-D8	1.264	1.269	1.130	1.194	1.294	1.122	AVRG		1.21196044	6.146	15.000	
P-Bromofluorobenzene	0.602	0.617	0.526	0.568	0.609	0.561	AVRG		0.58057582	6.062	15.000	
Dibromofluoromethane	0.693	0.674	0.588	0.828	0.707	0.661	AVRG		0.69194901	11.354	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

Average %RSD test result.
Calculate Average %RSD: 9.195655823
Maximum Average %RSD: 15.00000000
Note: Passes Average %RSD Test.

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: MB367 BFB Injection Date: 12/23/05

Instrument ID: GCMS-M BFB Injection Time: 0953

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	76.4
175	5.0 - 9.0% of mass 174	4.5 (5.9)1
176	95.0 - 101.0% of mass 174	73.0 (95.5)1
177	5.0 - 9.0% of mass 176	4.4 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M23A	M0862	12/23/05	1017
02	WG24178-LCS	WG24178-1	M0863	12/23/05	1111
03	WG24178-BLANK	WG24178-2	M0865	12/23/05	1230
04	44TB1214	WV6687-6	M0866	12/23/05	1305
05	44GW1401	WV6687-1	M0867	12/23/05	1341
06	44GW1101	WV6687-2	M0868	12/23/05	1416
07	44GW1001	WV6687-3	M0869	12/23/05	1452
08	44GW0901	WV6687-4	M0870	12/23/05	1527
09	44GW1901	WV6687-5	M0871	12/23/05	1602
10	44GW1801	WV6687-7	M0872	12/23/05	1638
11	44GW1301	WV6687-8	M0873	12/23/05	1713
12	44GW1501	WV6687-9	M0874	12/23/05	1749
13	44GW1201	WV6687-10	M0875	12/23/05	1824
14	3221GW0601	WV6687-11	M0876	12/23/05	1900
15	44GW1501D	WV6687-12	M0877	12/23/05	1935
16	44GW0901MS	WG24178-3	M0878	12/23/05	2010
17	44GW0901MSD	WG24178-4	M0879	12/23/05	2046
18					
19					
20					
21					
22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-M Calibration Date: 12/23/05 Time: 1017

Lab File ID: M0862 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4140000	0.3934000	0.3934000	0.1	-4.98		AVRG	
Vinyl chloride	0.4690000	0.4271400	0.4271400	0.01	-8.92	20.00	AVRG	
Bromomethane	0.4270000	0.4703000	0.4703000	0.01	10.14		AVRG	
Chloroethane	0.2540000	0.2773200	0.2773200	0.01	9.18		AVRG	
1,1-Dichloroethene	0.4170000	0.3960900	0.3960900	0.1	-5.01	20.00	AVRG	
Acetone	3.e-002	2.57e-002	2.57e-002	0.01	-14.33		AVRG	
Carbon Disulfide	1.4130000	1.4135000	1.4135000	0.01	0.04		AVRG	
Methylene Chloride	53.021000	50.000000	0.5635900	0.01	6.04		LINR	
1,1-Dichloroethane	0.9260000	0.9602600	0.9602600	0.1	3.70		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4947000	0.4947000	0.01	0.00		AVRG	<-
2-Butanone	4.7e-002	4.06e-002	4.06e-002	0.01	-13.62		AVRG	
Chloroform	1.1230000	1.0951000	1.0951000	0.01	-2.48	20.00	AVRG	
1,1,1-Trichloroethane	0.9660000	0.9148900	0.9148900	0.01	-5.29		AVRG	
Carbon Tetrachloride	0.7180000	0.6856900	0.6856900	0.01	-4.50		AVRG	
Benzene	1.3530000	1.2001000	1.2001000	0.01	-11.30		AVRG	
1,2-Dichloroethane	0.7530000	0.6964800	0.6964800	0.01	-7.51		AVRG	
Trichloroethene	0.4560000	0.4438700	0.4438700	0.01	-2.66		AVRG	
1,2-Dichloropropane	0.3230000	0.3327000	0.3327000	0.01	3.00	20.00	AVRG	
Bromodichloromethane	0.7680000	0.7329500	0.7329500	0.01	-4.56		AVRG	
cis-1,3-dichloropropene	0.6870000	0.6579100	0.6579100	0.01	-4.23		AVRG	
4-methyl-2-pentanone	0.3580000	0.3445800	0.3445800	0.01	-3.75		AVRG	
Toluene	0.8060000	0.8662100	0.8662100	0.01	7.47	20.00	AVRG	
trans-1,3-Dichloropropene	0.6650000	0.6541800	0.6541800	0.01	-1.63		AVRG	
1,1,2-Trichloroethane	0.3250000	0.3132200	0.3132200	0.01	-3.62		AVRG	
Tetrachloroethene	0.5000000	0.5132600	0.5132600	0.01	2.65		AVRG	
2-Hexanone	0.3210000	0.3142300	0.3142300	0.01	-2.11		AVRG	
Dibromochloromethane	0.7240000	0.7575400	0.7575400	0.01	4.63		AVRG	
1,2-Dibromoethane	0.4760000	0.4534000	0.4534000	0.01	-4.75		AVRG	
Chlorobenzene	1.2220000	1.1715000	1.1715000	0.3	-4.13		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-M Calibration Date: 12/23/05 Time: 1017

Lab File ID: M0862 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethylbenzene	2.0100000	2.0404000	2.0404000	0.01	1.51	20.00	AVRG	
Xylenes (total)	0.0000000	0.7036100	0.7036100	0.01	0.00		AVRG	<-
Styrene	1.1470000	1.2970000	1.2970000	0.01	13.08		AVRG	
Bromoform	0.6310000	0.6473400	0.6473400	0.1	2.59		AVRG	
1,1,2,2-Tetrachloroethane	0.9730000	0.9178900	0.9178900	0.3	-5.66		AVRG	
trans-1,2-Dichloroethene	0.4840000	0.4862000	0.4862000	0.01	0.45		AVRG	
cis-1,2-Dichloroethene	0.5120000	0.5032000	0.5032000	0.01	-1.72		AVRG	
m+p-Xylenes	0.6680000	0.7044400	0.7044400	0.01	5.46		AVRG	
o-Xylene	0.6890000	0.7019500	0.7019500	0.01	1.88		AVRG	
1,2-Dichloroethane-D4	0.8090000	0.7610100	0.7610100	0.01	-5.93		AVRG	
Toluene-D8	1.2120000	1.3135000	1.3135000	0.01	8.37		AVRG	
P-Bromofluorobenzene	0.5800000	0.5911000	0.5911000	0.01	1.91		AVRG	
Dibromofluoromethane	0.6920000	0.6793300	0.6793300	0.01	-1.83		AVRG	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 23-DEC-2005 12:30
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24178-2
Client ID: WG24178-Blank
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		104%				
1868-53-7	Dibromofluoromethane		101%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24178-1
Client ID: WG24178-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	83	166	0-183
Chloromethane	50	NA	63	126	35-145
Vinyl chloride	50	NA	54	108	43-136
Bromomethane	50	NA	61	122	57-139
Chloroethane	50	NA	51	102	48-132
Trichlorofluoromethane	50	NA	55	110	52-126
Diethyl Ether	50	NA	49	98	65-151
Tertiary-butyl alcohol	250	NA	278	111	55-138
1,1-Dichloroethene	50	NA	49	98	88-123
Carbon Disulfide	50	NA	46	92	63-105
Freon-113	50	NA	47	94	80-125
Iodomethane	50	NA	54	107	52-165
Acrolein	250	NA	246	98	62-117
Methylene Chloride	50	NA	50	100	79-122
Acetone	50	NA	47	94	65-156
Isobutyl Alcohol	1000	NA	1060	106	45-126
trans-1,2-Dichloroethene	50	NA	50	100	83-121
Allyl Chloride	50	NA	53	105	67-133
Methyl tert-butyl ether	100	NA	98	98	68-127
Acetonitrile	500	NA	524	105	75-122
Di-isopropyl ether	50	NA	49	98	82-124
Chloroprene	50	NA	47	95	69-128
Methacrylonitrile	500	NA	557	111	78-126
Propionitrile	500	NA	589	118	77-126
1,1-Dichloroethane	50	NA	50	101	80-118
Acrylonitrile	250	NA	235	94	65-128
Ethyl tertiary-butyl ether	50	NA	50	101	84-120
Vinyl Acetate	50	NA	43	86	77-151
cis-1,2-Dichloroethene	50	NA	47	93	85-113
1,2-Dichloroethylene (total)	100	NA	97	97	85-116
Methyl Methacrylate	50	NA	47	93	73-119
2,2-Dichloropropane	50	NA	48	96	67-134
Bromochloromethane	50	NA	49	97	85-111
Chloroform	50	NA	50	99	81-112
Carbon Tetrachloride	50	NA	44	87	79-119
Tetrahydrofuran	50	NA	52	104	66-125
1,1,1-Trichloroethane	50	NA	46	92	79-113
1,1-Dichloropropene	50	NA	46	92	82-121
2-Butanone	50	NA	79	159	97-179
Benzene	50	NA	50	99	83-117
Cyclohexane	50	NA	52	105	60-140
Ethyl Methacrylate	50	NA	53	105	75-116
Tertiary-amyl methyl ether	50	NA	46	92	88-117
1,2-Dichloroethane	50	NA	46	92	76-108
Trichloroethene	50	NA	47	95	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24178-1
Client ID: WG24178-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	44	88	76-132
1,2-Dichloropropane	50	NA	48	96	82-110
Bromodichloromethane	50	NA	42	84	78- 98
cis-1,3-dichloropropene	50	NA	46	91	85-114
1,4-Dioxane	1000	NA	908	91	34-126
2-Chloroethylvinylether	50	NA	46	93	3-152
Toluene	50	NA	47	95	84-121
4-methyl-2-pentanone	50	NA	49	99	67-124
Tetrachloroethene	50	NA	47	94	73-112
trans-1,3-Dichloropropene	50	NA	55	111	91-120
1,1,2-Trichloroethane	50	NA	45	90	79-117
Dibromochloromethane	50	NA	46	91	87-112
1,3-Dichloropropane	50	NA	48	95	87-113
1,2-Dibromoethane	50	NA	45	91	83-110
2-Hexanone	50	NA	54	108	77-122
Chlorobenzene	50	NA	47	95	84-117
Ethylbenzene	50	NA	50	100	81-115
1,1,1,2-Tetrachloroethane	50	NA	46	91	86-109
Xylenes (total)	150	NA	139	93	85-120
m+p-Xylenes	100	NA	92	92	87-119
o-Xylene	50	NA	47	94	78-125
Styrene	50	NA	50	99	82-107
Bromoform	50	NA	47	93	75-111
Isopropylbenzene	50	NA	58	117	75-132
cis-1,4-Dichloro-2-Butene	50	NA	55	111	60-150
trans-1,4-Dichloro-2-Butene	50	NA	53	107	68-124
Bromobenzene	50	NA	50	101	84-115
N-Propylbenzene	50	NA	51	102	85-118
1,1,2,2-Tetrachloroethane	50	NA	51	103	81-116
1,3,5-Trimethylbenzene	50	NA	52	104	79-117
2-Chlorotoluene	50	NA	46	93	85-118
1,2,3-Trichloropropane	50	NA	50	100	81-112
4-Chlorotoluene	50	NA	48	97	88-114
tert-Butylbenzene	50	NA	52	103	68-125
Pentachloroethane	50	NA	54	109	40-168
1,2,4-Trimethylbenzene	50	NA	50	99	78-112
P-Isopropyltoluene	50	NA	53	107	77-116
1,3-Dichlorobenzene	50	NA	46	93	84-113
1,4-Dichlorobenzene	50	NA	48	95	83-110
N-Butylbenzene	50	NA	47	94	81-113
sec-Butylbenzene	50	NA	48	96	81-115
1,2-Dichlorobenzene	50	NA	47	94	84-114
1,2-Dibromo-3-Chloropropane	50	NA	52	104	72-112
1,3,5-Trichlorobenzene	50	NA	52	104	61-151
Hexachlorobutadiene	50	NA	47	95	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24178-1
Client ID: WG24178-LCS
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	48		95	59-123
1,2,3-Trimethylbenzene	50	NA	52		103	87-110
Naphthalene	50	NA	48		95	36-143
1,2,3-Trichlorobenzene	50	NA	52	*	105	53-100
Methyl Acetate	50	NA	50		100	58-112
Methylcyclohexane	50	NA	60	*	120	78-112

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date:
Analysis Date: 12/23/05
Report Date: 01/04/2006
Matrix: WATER

Lab ID: WG24178-3 & WG24178-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24178
Units: ug/l

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Chloromethane	50	50	0.00	47	63	95	126 *	28	20	35-145
Vinyl chloride	50	50	0.00	41	59	82	119 *	36	20	43-136
Bromomethane	50	50	0.00	40	61	79	122 *	42	20	57-139
Chloroethane	50	50	0.00	36	54	72	109 *	41	20	48-132
1,1-Dichloroethene	50	50	0.00	35	58	* 71	116 *	49	20	88-123
Acetone	50	50	0.00	37	49	73	99 *	30	20	65-156
Carbon Disulfide	50	50	0.00	36	54	72	* 108 *	41	20	63-105
Methylene Chloride	50	50	0.00	32	50	* 63	101 *	46	20	79-122
1,1-Dichloroethane	50	50	0.00	34	50	* 68	99 *	37	20	80-118
1,2-Dichloroethylene (total)	100	100	0.00	66	103	* 66	103 *	44	20	85-116
2-Butanone	50	50	0.00	57	73	115	146 *	24	20	97-179
Chloroform	50	50	0.84	33	54	* 65	106 *	47	20	81-112
1,1,1-Trichloroethane	50	50	0.00	34	53	* 68	106 *	44	20	79-113
Carbon Tetrachloride	50	50	0.00	33	52	* 65	105 *	46	20	79-119
Benzene	50	50	0.00	30	52	* 60	104 *	54	20	83-117
1,2-Dichloroethane	50	50	0.00	31	50	* 61	100 *	48	20	76-108
Trichloroethene	50	50	0.00	30	51	* 61	102 *	51	20	85-118
1,2-Dichloropropane	50	50	0.00	31	49	* 62	99 *	47	20	82-110
Bromodichloromethane	50	50	0.00	29	49	* 58	98 *	52	20	78- 98
cis-1,3-dichloropropene	50	50	0.00	29	50	* 58	100 *	53	20	85-114
4-methyl-2-pentanone	50	50	0.00	35	40	70	80	13	20	67-124
Toluene	50	50	0.00	31	53	* 62	106 *	53	20	84-121
trans-1,3-Dichloropropene	50	50	0.00	28	49	* 57	99 *	54	20	91-120
1,1,2-Trichloroethane	50	50	0.00	26	47	* 52	94 *	59	20	79-117
Tetrachloroethene	50	50	0.00	29	51	* 58	102 *	56	20	73-112
2-Hexanone	50	50	0.00	28	43	* 57	85 *	40	20	77-122
Dibromochloromethane	50	50	0.00	33	50	* 65	101 *	42	20	87-112
1,2-Dibromoethane	50	50	0.00	27	45	* 55	90 *	49	20	83-110
Chlorobenzene	50	50	0.00	33	49	* 66	97 *	38	20	84-117
Ethylbenzene	50	50	0.00	33	54	* 66	107 *	47	20	81-115
Xylenes (total)	150	150	0.00	105	159	* 70	106 *	41	20	85-120
Styrene	50	50	0.00	37	57	* 74	* 115 *	43	20	82-107
Bromoform	50	50	0.00	34	50	* 67	100 *	40	20	75-111
1,1,2,2-Tetrachloroethane	50	50	0.00	30	45	* 60	91 *	41	20	81-116
trans-1,2-Dichloroethene	50	50	0.00	34	54	* 68	108 *	46	20	83-121
cis-1,2-Dichloroethene	50	50	0.00	32	48	* 64	97 *	40	20	85-113
m+p-Xylenes	100	100	0.00	72	103	* 72	103 *	35	20	87-119
o-Xylene	50	50	0.00	33	56	* 66	111 *	50	20	78-125

FORM III VOA-1
M0878.D & M0879.D

Sample Data Summary A0000036

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID (Standard): M0862 Date Analyzed: 12/23/05

Instrument ID: GCMS-M Time Analyzed: 1017

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
12 HOUR STD		513300		9.41		650408		10.11		501856		13.60	
UPPER LIMIT		1026600		9.91		1300816		10.61		1003712		14.10	
LOWER LIMIT		256650		8.91		325204		9.61		250928		13.10	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24178-LCS	WG24178-1	509172	9.40		635317		10.10		507720		13.61	
02	WG24178-BLANK	WG24178-2	511762	9.40		595520		10.09		482143		13.60	
03	44TB1214	WV6687-6	525409	9.41		572702		10.09		452972		13.60	
04	44GW1401	WV6687-1	502162	9.40		627986		10.09		474783		13.60	
05	44GW1101	WV6687-2	479999	9.40		555660		10.10		479831		13.61	
06	44GW1001	WV6687-3	489803	9.40		558831		10.09		426471		13.60	
07	44GW0901	WV6687-4	448128	9.40		526441		10.10		471181		13.59	
08	44GW1901	WV6687-5	462283	9.40		571915		10.09		468402		13.60	
09	44GW1801	WV6687-7	473961	9.40		543605		10.09		468472		13.60	
10	44GW1301	WV6687-8	470716	9.40		553872		10.10		460112		13.59	
11	44GW1501	WV6687-9	477916	9.40		545736		10.09		452855		13.60	
12	44GW1201	WV6687-10	478197	9.40		574283		10.10		468954		13.59	
13	3221GW0601	WV6687-11	505694	9.40		527325		10.09		481405		13.60	
14	44GW1501D	WV6687-12	440724	9.40		511451		10.10		443704		13.60	
15	44GW0901MS	WG24178-3	452325	9.40		584356		10.09		405355		13.60	
16	44GW0901MSD	WG24178-4	494326	9.40		600382		10.09		455916		13.60	
17													
18													
19													
20													

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID (Standard): M0862 Date Analyzed: 12/23/05

Instrument ID: GCMS-M Time Analyzed: 1017

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		310831	16.81				
UPPER LIMIT		621662	17.31				
LOWER LIMIT		155416	16.31				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24178-LCS	WG24178-1	295260	16.80			
02	WG24178-BLANK	WG24178-2	305132	16.80			
03	44TB1214	WV6687-6	299497	16.80			
04	44GW1401	WV6687-1	308651	16.80			
05	44GW1101	WV6687-2	284256	16.80			
06	44GW1001	WV6687-3	291002	16.80			
07	44GW0901	WV6687-4	289697	16.80			
08	44GW1901	WV6687-5	274929	16.79			
09	44GW1801	WV6687-7	292934	16.79			
10	44GW1301	WV6687-8	258451	16.80			
11	44GW1501	WV6687-9	255825	16.80			
12	44GW1201	WV6687-10	274068	16.80			
13	3221GW0601	WV6687-11	246471	16.80			
14	44GW1501D	WV6687-12	262795	16.80			
15	44GW0901MS	WG24178-3	271120	16.81			
16	44GW0901MSD	WG24178-4	272844	16.80			
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT		JOB NUMBER	
NAS Pensacola CTO-367		506-CTO367-3	
SUBJECT	Sample Calculation		
BASED ON		DRAWING NUMBER	
BY	CHECKED BY	APPROVED BY	DATE
Bernard F Spada III		JAS 2/6/06	2/8/06

Sample 3221GW0901 Trichloroethene = 52 ug/L

$$TCE = \frac{(53580)(50\ ug/L)}{(139645)(0.3713)} = 51.7\ ug/L$$ ✓

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date:
Analysis Date: 23-DEC-2005 14:09
Report Date: 01/04/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-6
Client ID: 3221GW0901
SDG: CTO367-3
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24176
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	1	1.0	10	10	0.6
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	I	0.7	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		52	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.3
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		91%				
1868-53-7	Dibromofluoromethane		98%				

Data File: \\Target_server\GG\chem\gcms-f.i\F122305.b\F0061.D
Report Date: 04-Jan-2006 14:15

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-f.i\F122305.b\F0061.D
Lab Smp Id: WV6662-6 Client Smp ID: 3221GW0901
Inj Date : 23-DEC-2005 14:09 MS Autotune Date: 29-NOV-2005 11:59
Operator : ALH Inst ID: gcms-f.i
Smp Info : WV6662-6
Misc Info : SW846 8260B
Comment :
Method : \\Target_server\GG\chem\gcms-f.i\F122305.b\F826A50.m
Meth Date : 23-Dec-2005 10:09 gcms-f.i Quant Type: ISTD
Cal Date : 21-DEC-2005 16:58 Cal File: F0031.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TETRAT367001.sub
Target Version: 4.12
Processing Host: TARGET03

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	sample purged
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/l)	FINAL (ug/l)
M	30 1,2-Dichloroethylene (total)	96				13817	1.38359	1.4(a)
	34 Chloroform	83	7.061	7.081	(0.809)	11822	0.68639	0.69(aM)
	48 Trichloroethene	95	9.324	9.321	(0.988)	535801	51.6702	51.7
	29 cis-1,2-Dichloroethene	96	6.411	6.420	(0.734)	13817	1.38359	1.4(M)
$	45 1,2-Dichloroethane-D4	65	8.523	8.532	(0.976)	616027	50.2129	50.2
$	55 Toluene-D8	98	11.053	11.050	(1.171)	1681890	48.7090	48.7
$	76 P-Bromofluorobenzene	95	14.395	14.392	(1.525)	636382	45.4977	45.5
$	37 Dibromofluoromethane	113	7.479	7.487	(0.856)	504570	48.9096	48.9
*	42 Pentafluorobenzene	168	8.732	8.741	(1.000)	907360	50.0000	(M)
*	49 1,4-Difluorobenzene	114	9.440	9.425	(1.000)	1396451	50.0000	
*	66 Chlorobenzene-D5	117	12.829	12.825	(1.000)	1208479	50.0000	
*	91 1,4-Dichlorobenzene-D4	152	15.927	15.924	(1.000)	423434	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-F Calibration Date(s): 12/21/05 12/21/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1050 1732

LAB FILE ID: RF1: F0024 RF5: F0031 RF20: F0030
RF50: F0029 RF100: F0026 RF200: F0025

								COEFFICENTS		%RSD	MAX %RSD	
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2	
Chloromethane	0.666	0.645	0.537	0.645	0.659	0.683	AVRG		0.63910041	8.151	15.000	
Vinyl chloride	0.638	0.606	0.520	0.586	0.564	0.584	AVRG		0.58294149	6.865	15.000	
Bromomethane	0.359	0.319	0.337	0.398	0.397	0.446	AVRG		0.37623547	12.397	15.000	
Chloroethane	0.312	0.370	0.322	0.370	0.339	0.370	AVRG		0.34734558	7.634	15.000	
1,1-Dichloroethene	0.484	0.494	0.418	0.485	0.476	0.479	AVRG		0.47260008	5.768	15.000	
Acetone	0.038	0.026	0.028	0.026	0.028	0.030	AVRG		2.93e-002	15.700	15.000	<-
Carbon Disulfide	1.862	1.792	1.487	1.700	1.675	1.675	AVRG		1.69852254	7.497	15.000	
Methylene Chloride	37761	80277	209370	560560	1063700	2105100	LINR	-3.56e-002	1.84475629	0.99970	0.99000	
1,1-Dichloroethane	0.960	1.038	0.918	0.994	0.974	0.965	AVRG		0.97481160	4.072	15.000	
1,2-Dichloroethylene (tot	1.119						AVRG		1.11945125	0.000	15.000	
2-Butanone	0.036	0.037	0.041	0.038	0.040	0.042	AVRG		3.921e-002	6.183	15.000	
Chloroform	0.943	1.004	0.842	0.972	0.973	0.960	AVRG		0.94909937	5.888	15.000	
1,1,1-Trichloroethane	0.944	0.929	0.827	0.930	0.906	0.894	AVRG		0.90505547	4.644	15.000	
Carbon Tetrachloride	9720	77518	297530	885090	1702700	3387800	LINR	2.202e-003	1.71404736	0.99962	0.99000	
Benzene	1.442	1.416	1.235	1.374	1.359	1.304	AVRG		1.35493999	5.575	15.000	
1,2-Dichloroethane	0.666	0.579	0.512	0.554	0.550	0.534	AVRG		0.56600675	9.503	15.000	
Trichloroethene	0.354	0.418	0.342	0.380	0.378	0.355	AVRG		0.37128523	7.378	15.000	
1,2-Dichloropropane	0.315	0.349	0.302	0.340	0.328	0.319	AVRG		0.32546235	5.284	15.000	
Bromodichloromethane	0.432	0.521	0.467	0.528	0.522	0.501	AVRG		0.49528373	7.699	15.000	
cis-1,3-dichloropropene	0.516	0.578	0.537	0.579	0.577	0.555	AVRG		0.55700443	4.692	15.000	
4-methyl-2-pentanone	0.242	0.265	0.275	0.248	0.257	0.264	AVRG		0.25855653	4.658	15.000	
Toluene	0.935	0.951	0.795	0.901	0.876	0.835	AVRG		0.88209926	6.763	15.000	
trans-1,3-Dichloropropene	0.417	0.488	0.448	0.481	0.486	0.480	AVRG		0.46674957	6.099	15.000	
1,1,2-Trichloroethane	0.195	0.226	0.204	0.214	0.210	0.209	AVRG		0.20966070	4.899	15.000	
Tetrachloroethene	0.355	0.366	0.313	0.363	0.356	0.347	AVRG		0.34997427	5.556	15.000	
2-Hexanone	0.167	0.206	0.224	0.202	0.217	0.230	AVRG		0.20786088	10.952	15.000	
Dibromochloromethane	0.335	0.396	0.399	0.429	0.446	0.447	AVRG		0.40876166	10.319	15.000	
1,2-Dibromoethane	0.247	0.290	0.283	0.289	0.296	0.290	AVRG		0.28239712	6.266	15.000	
Chlorobenzene	1.093	1.168	1.033	1.169	1.166	1.126	AVRG		1.12568551	4.858	15.000	
Ethylbenzene	2.037	1.974	1.763	1.993	1.946	1.883	AVRG		1.93252031	5.055	15.000	
Xylenes (total)	0.439						AVRG		0.43869631	0.000	15.000	
Styrene	1.167	1.225	1.149	1.189	1.222	1.137	AVRG		1.18137485	3.128	15.000	
Bromoform	0.202	0.230	0.242	0.261	0.277	0.284	AVRG		0.24948375	12.384	15.000	
1,1,2,2-Tetrachloroethane	0.861	0.897	0.847	0.862	0.850	0.817	AVRG		0.85559600	3.046	15.000	
trans-1,2-Dichloroethene	0.560	0.561	0.477	0.526	0.539	0.534	AVRG		0.53290861	5.796	15.000	
cis-1,2-Dichloroethene	0.560	0.576	0.497	0.564	0.554	0.551	AVRG		0.55029796	4.963	15.000	
m+p-Xylenes	0.756	0.714	0.661	0.687	0.694	0.650	AVRG		0.69378231	5.484	15.000	
o-Xylene	0.682	0.706	0.636	0.646	0.663	0.618	AVRG		0.65850884	4.868	15.000	
1,2-Dichloroethane-D4	0.628	0.670	0.762	0.652	0.668	0.677	AVRG		0.67604358	6.721	15.000	
Toluene-D8	1.118	1.284	1.384	1.212	1.243	1.177	AVRG		1.23632529	7.412	15.000	
P-Bromofluorobenzene	0.507	0.533	0.553	0.466	0.485	0.460	AVRG		0.50080921	7.452	15.000	
Dibromofluoromethane	0.528	0.564	0.627	0.554	0.566	0.572	AVRG		0.56848336	5.749	15.000	

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 2.5	11/21/05	2021	12.15	
02		ICAL 1.0	11/21/05	2040	12.17	
03		ICAL 0.5	11/21/05	2058	12.20	
04		ICAL 0.25	11/21/05	2116	12.20	
05		ICAL 0.1	11/21/05	2134	12.21	
06		ICAL 0.05	11/21/05	2153	12.23	
07		ICAL 0.01	11/21/05	2211	12.25	
08		CV 0.5	12/21/05	1408	12.19	
09	WG24076-BLAN	WG24076-1	12/21/05	1446	12.19	
10	WG24076-LCS	WG24076-2	12/21/05	1515	12.16	
11	WG24076-LCSD	WG24076-3	12/21/05	1545	12.17	
12	3221GW0401	WV6662-1	12/21/05	1614	12.17	
13	3221GW0501	WV6662-2	12/21/05	1644	12.17	
14	3221GW0801	WV6662-3	12/21/05	1713	12.17	
15	3221GW0701	WV6662-4	12/21/05	1743	12.17	
16	3221GW0901	WV6662-6	12/21/05	1812	12.19	
17	3221GW1001	WV6662-7	12/21/05	1841	12.19	
18	3221GW1001D	WV6662-8	12/21/05	1911	12.19	
19	44GW1401	WV6687-1	12/21/05	1940	12.19	
20	44GW1101	WV6687-2	12/21/05	2010	12.19	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	44GW1001	WV6687-3	12/21/05	2039	12.20	
02	44GW0901	WV6687-4	12/21/05	2109	12.20	
03	44GW1901	WV6687-5	12/21/05	2138	12.20	
04	44GW1801	WV6687-7	12/21/05	2208	12.20	
05	44GW1301	WV6687-8	12/21/05	2237	12.21	
06	44GW1501	WV6687-9	12/21/05	2306	12.21	
07	44GW1201	WV6687-10	12/21/05	2336	12.21	
08	3221GW0601	WV6687-11	12/22/05	0005	12.19	
09	44GW1501D	WV6687-12	12/22/05	0035	12.23	
10	44GW0901MS	WG24076-4	12/22/05	0104	12.21	
11	44GW0901MSD	WG24076-5	12/22/05	0134	12.21	
12		CV 0.25	12/22/05	0232	12.23	
13		CV 0.25	12/22/05	1316	12.28	
14	WG24114-BLAN	WG24114-1	12/22/05	1356	12.25	
15	WG24114-LCS	WG24114-2	12/22/05	1426	12.24	
16	WG24114-LCSD	WG24114-3	12/22/05	1455	12.24	
17	44GW1501D	WV6687-12RE	12/22/05	1525	12.27	
18		CV 0.5	12/23/05	0922	12.27	
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	RT	#
01		ICAL 2.5	11/21/05	2021	11.51			
02		ICAL 1.0	11/21/05	2040	11.53			
03		ICAL 0.5	11/21/05	2058	11.56			
04		ICAL 0.25	11/21/05	2116	11.57			
05		ICAL 0.1	11/21/05	2134	11.59			
06		ICAL 0.05	11/21/05	2153	11.59			
07		ICAL 0.01	11/21/05	2211	11.64			
08		CV 0.5	12/21/05	1408	11.53			
09	WG24076-BLAN	WG24076-1	12/21/05	1446	11.52			
10	WG24076-LCS	WG24076-2	12/21/05	1515	11.51			
11	WG24076-LCSD	WG24076-3	12/21/05	1545	11.52			
12	3221GW0401	WV6662-1	12/21/05	1614	11.52			
13	3221GW0501	WV6662-2	12/21/05	1644	11.52			
14	3221GW0801	WV6662-3	12/21/05	1713	11.52			
15	3221GW0701	WV6662-4	12/21/05	1743	11.53			
16	3221GW0901	WV6662-6	12/21/05	1812	11.53			
17	3221GW1001	WV6662-7	12/21/05	1841	11.53			
18	3221GW1001D	WV6662-8	12/21/05	1911	11.53			
19	44GW1401	WV6687-1	12/21/05	1940	11.55			
20	44GW1101	WV6687-2	12/21/05	2010	11.55			

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 11/21/05 11/21/05

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	RT	#
01	44GW1001	WV6687-3	12/21/05	2039	11.55			
02	44GW0901	WV6687-4	12/21/05	2109	11.56			
03	44GW1901	WV6687-5	12/21/05	2138	11.56			
04	44GW1801	WV6687-7	12/21/05	2208	11.55			
05	44GW1301	WV6687-8	12/21/05	2237	11.57			
06	44GW1501	WV6687-9	12/21/05	2306	11.56			
07	44GW1201	WV6687-10	12/21/05	2336	11.57			
08	3221GW0601	WV6687-11	12/22/05	0005	11.55			
09	44GW1501D	WV6687-12	12/22/05	0035	11.59			
10	44GW0901MS	WG24076-4	12/22/05	0104	11.57			
11	44GW0901MSD	WG24076-5	12/22/05	0134	11.57			
12		CV 0.25	12/22/05	0232	11.59			
13		CV 0.25	12/22/05	1316	11.64			
14	WG24114-BLAN	WG24114-1	12/22/05	1356	11.61			
15	WG24114-LCS	WG24114-2	12/22/05	1426	11.60			
16	WG24114-LCSD	WG24114-3	12/22/05	1455	11.60			
17	44GW1501D	WV6687-12RE	12/22/05	1525	11.63			
18		CV 0.5	12/23/05	0922	11.63			
19								
20								

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.10 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 2021 2211

LAB FILE ID: RF0.01: 3VK1063 RF0.05: 3VK1062 RF0.1: 3VK1061
RF0.25: 3VK1060 RF0.5: 3VK1059 RF1: 3VK1058

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	95	482	990	2382	4567	8547	2ORDR	-3.45e-003	1.061e-004	1.212e-009	0.99996	0.99000
Tetrachloro-M-Xylene	250	1538	2145	2909	3675	8948	2ORDR	8.092e-002	2.907e-004	-6.86e-010	0.99762	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 2021 2211

RF2.5: 3VK1057

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	19330	2ORDR	-3.45e-003	1.061e-004	1.212e-009	0.99996	0.99000
Tetrachloro-M-Xylene	17560	2ORDR	8.092e-002	2.907e-004	-6.86e-010	0.99762	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 2021 2211

LAB FILE ID: RF0.01: 3VK2063 RF0.05: 3VK2062 RF0.1: 3VK2061
RF0.25: 3VK2060 RF0.5: 3VK2059 RF1: 3VK2058

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	191	631	1130	2541	4771	8425	2ORDR	-1.48e-002	1.047e-004	1.557e-009	0.99974	0.99000
Tetrachloro-M-Xylene	244	1642	2221	3003	3852	9189	2ORDR	7.694e-002	2.812e-004	-4.86e-010	0.99783	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date(s): 11/21/05 11/21/05

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 2021 2211

RF2.5: 3VK2057

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	18793	2ORDR	-1.48e-002	1.047e-004	1.557e-009	0.99974	0.99000
Tetrachloro-M-Xylene	17979	2ORDR	7.694e-002	2.812e-004	-4.86e-010	0.99783	0.99000

FORM VI VOA

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/21/05 Time: 1408

Lab File ID: 3VL1126 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.3326600	0.5000000	6120.0000	0.01	-33.47	30.00	2RDR	<-
Tetrachloro-M-Xylene	1.3904000	1.2500000	3642.4000	0.01	11.23	30.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/21/05 Time: 1408

Lab File ID: 3VL2126 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.3730500	0.5000000	7040.0000	0.01	-25.39	30.00	2RDR
Tetrachloro-M-Xylene	1.5772000	1.2500000	4308.0000	0.01	26.18	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 0232

Lab File ID: 3VL1151 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1909600	0.2500000	7180.0000	0.01	-23.62	30.00	2RDR
Tetrachloro-M-Xylene	0.8565700	1.0000000	2685.0000	0.01	-14.34	30.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 0232

Lab File ID: 3VL2151 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1911800	0.2500000	7652.0000	0.01	-23.53	30.00	2RDR
Tetrachloro-M-Xylene	0.8792100	1.0000000	2867.0000	0.01	-12.08	30.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 1316

Lab File ID: 3VL1162 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1773800	0.2500000	6688.0000	0.01	-29.05	30.00	2RDR
Tetrachloro-M-Xylene	0.7117300	1.0000000	2181.0000	0.01	-28.83	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/22/05 Time: 1316

Lab File ID: 3VL2162 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.1870800	0.2500000	7504.0000	0.01	-25.17	30.00	2RDR
Tetrachloro-M-Xylene	0.7917400	1.0000000	2553.0000	0.01	-20.83	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 0922

Lab File ID: 3VL1190 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.4754400	0.5000000	8602.0000	0.01	-4.91	30.00	2RDR
Tetrachloro-M-Xylene	1.3628000	1.2500000	3564.8000	0.01	9.02	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC03 Calibration Date: 12/23/05 Time: 0922

Lab File ID: 3VL2190 Init. Calib. Date(s): 11/21/05 11/21/05

Init. Calib. Times: 2021 2211

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5591000	0.5000000	10190.000	0.01	11.82	30.00	2RDR
Tetrachloro-M-Xylene	1.4778000	1.2500000	4020.0000	0.01	18.22	30.00	2RDR

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 21-DEC-2005 14:46
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24076-1
Client ID: WG24076-Blank
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		J134%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 22-DEC-2005 13:56
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24114-1
Client ID: WG24114-Blank
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		88%				

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column(1): SPB 608 ID: 0.53 (mm)GC Column(2): RTX-CLP IIID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	S2 1 REC#	S2 2 REC#	S3 1 REC#	S3 2 REC#	TOT OUT
01	WG24076-BLANK	WG24076-1	121	134J					1
02	WG24076-LCS	WG24076-2	94	100					0
03	WG24076-LCSD	WG24076-3	108	116					0
04	3221GW0401	WV6662-1	78	84					0
05	3221GW0501	WV6662-2	82	88					0
06	3221GW0801	WV6662-3	91	97					0
07	3221GW0701	WV6662-4	70	74					0
08	3221GW0901	WV6662-6	72	76					0
09	3221GW1001	WV6662-7	85	88					0
10	3221GW1001D	WV6662-8	82	86					0
11	44GW1401	WV6687-1	65	68					0
12	44GW1101	WV6687-2	92	96					0
13	44GW1001	WV6687-3	86	89					0
14	44GW0901	WV6687-4	68	70					0
15	44GW1901	WV6687-5	81	84					0
16	44GW1801	WV6687-7	89	91					0
17	44GW1301	WV6687-8	59	61					0
18	44GW1501	WV6687-9	66	68					0
19	44GW1201	WV6687-10	59	61					0
20	3221GW0601	WV6687-11	86	88					0
21	44GW1501D	WV6687-12	39J	41J					2
22	44GW0901MS	WG24076-4	54J	56J					2
23	44GW0901MSD	WG24076-5	66	68					0
24	WG24114-BLANK	WG24114-1	79	88					0
25	WG24114-LCS	WG24114-2	84	92					0
26	WG24114-LCSD	WG24114-3	74	82					0
27	44GW1501D	WV6687-12RE	34J	39J					2
28									

ADVISORY
QC LIMITS
S1 (TCX) = Tetrachloro-M-Xylene (57-128)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 12/21/05
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG24076-2 & WG24076-3
Client ID: WG24076-LCS & WG24076-LCSD
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.17	0.21	* 68	83	19	30	70-130

FORM III PEST-1

3VL1128.d & 3VL1129.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/22/05
Analysis Date: 12/22/05
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG24114-2 & WG24114-3
Client ID: WG24114-LCS & WG24114-LCSD
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24114
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.22	0.19	88	77	13	30	70-130

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/21/05
Analysis Date: 12/22/05
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG24076-4 & WG24076-5
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24076
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.24	0.24	0.00	0.10	0.14	* 44	* 57	28	30	70-130

FORM III PEST-1

3VL1148.d & 3VL1149.d

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG23885-BLANK	WG23885-1	65	49	86	87	108	77			0
02	WG23885-LCS	WG23885-2	71	50	85	83	106	84			0
03	WG23885-LCSD	WG23885-3	69	47	86	83	104	85			0
04	WG23949-BLANK	WG23949-1	69	83	77	64	80	87			0
05	WG23949-LCS	WG23949-2	74	77	80	82	85	92			0
06	44GW0901MS	WG23949-3	78	85	82	85	91	97			0
07	44GW0901MSD	WG23949-4	26	30	28J	32J	35	32J			3
08	3221GW0401	WV6662-1	52	35	78	84	80	86			0
09	3221GW0501	WV6662-2	53	36	74	84	87	97			0
10	3221GW0801	WV6662-3	55	38	83	90	94	98			0
11	3221GW0701	WV6662-4	50	35	77	81	83	91			0
12	3221GW0901	WV6662-6	50	36	72	81	88	96			0
13	3221GW1001	WV6662-7	53	37	84	85	89	99			0
14	3221GW1001D	WV6662-8	48	35	78	88	93	97			0
15	44GW1401	WV6687-1	70	75	78	78	86	98			0
16	44GW1101	WV6687-2	66	73	78	73	89	102			0
17	44GW1001	WV6687-3	68	76	76	74	90	94			0
18	44GW0901	WV6687-4	59	70	73	78	85	95			0
19	44GW1901	WV6687-5	43	39	66	61	56	88			0
20	44GW1801	WV6687-7	54	69	76	76	70	88			0
21	44GW1301	WV6687-8	59	74	78	81	86	92			0
22	44GW1501	WV6687-9	69	76	74	82	82	93			0
23	44GW1201	WV6687-10	68	74	68	77	84	93			0
24	3221GW0601	WV6687-11	72	79	72	71	91	90			0
25	44GW1501D	WV6687-12	63	70	72	71	86	84			0
26											
27											
28											

	QC LIMITS
S1 (2FP) = 2-Fluorophenol	(18-103)
S2 (PHL) = Phenol-D6	(11-117)
S3 (NBZ) = Nitrobenzene-D5	(48-109)
S4 (FBP) = 2-Fluorobiphenyl	(37-112)
S5 (TBP) = 2,4,6-Tribromophenol	(22-145)
S6 (TPH) = Terphenyl-D14	(39-164)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: KD693 DFTPP Injection Date: 12/17/05

Instrument ID: GCMS-K DFTPP Injection Time: 1227

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	42.2
70	Less than 2.0% of mass 69	0.4 (1.0)1
127	40.0 - 60.0% of mass 198	42.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	22.7
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	8.2 (95.6)2
442	40.0 - 100.0% of mass 198	45.0
443	17.0 - 23.0% of mass 442	8.5 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K1217	K0879	12/17/05	1247
02		SSTD150K1217	K0880	12/17/05	1336
03		SSTD125K1217	K0881	12/17/05	1425
04		SSTD100K1217	K0882	12/17/05	1513
05		SSTD025K1217	K0883	12/17/05	1601
06		SSTD010K1217	K0884	12/17/05	1650
07	WG23885-BLANK	WG23885-1	K0885	12/17/05	1737
08	WG23885-LCS	WG23885-2	K0886	12/17/05	1826
09	WG23885-LCSD	WG23885-3	K0887	12/17/05	1915
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date(s): 12/17/05 12/17/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1247 1650

LAB FILE ID: RF10: K0884 RF25: K0883 RF50: K0879
RF100: K0882 RF125: K0881 RF150: K0880

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	1.969	2.017	1.743	1.268	1.268	1.372	AVRG		1.60628206		21.602	15.000	<
Bis(2-Chloroethyl)ether	1.578	1.529	1.232	0.837	0.847	0.911	AVRG		1.15567510		29.487	15.000	<
2-Chlorophenol	1.479	1.550	1.332	0.987	0.983	1.037	AVRG		1.22805607		20.974	15.000	<
1,3-Dichlorobenzene	1.748	1.807	1.529	1.199	1.188	1.310	AVRG		1.46333547		18.650	15.000	<
1,4-Dichlorobenzene	1.700	1.812	1.545	1.131	1.128	1.266	AVRG		1.43022206		20.743	15.000	<
1,2-Dichlorobenzene	1.570	1.665	1.415	1.026	1.025	1.108	AVRG		1.30135256		21.921	15.000	<
2-Methylphenol	1.206	1.290	1.229	0.921	0.949	0.996	AVRG		1.09834330		14.657	15.000	
2,2'-Oxybis(1-chloropropa	2.774	2.908	2.450	1.941	1.991	2.179	AVRG		2.37377704		17.086	15.000	<
N-Nitroso-di-n-propylamin	1.014	0.989	0.872	0.650	0.682	0.769	AVRG		0.82931609		18.642	15.000	<
4-Methylphenol	1.190	1.306	1.293	1.033	1.056	1.168	AVRG		1.17443845		9.758	15.000	
Hexachloroethane	0.634	0.668	0.552	0.400	0.395	0.413	AVRG		0.51049697		24.254	15.000	<
Nitrobenzene	0.375	0.407	0.376	0.301	0.316	0.346	AVRG		0.35355928		11.335	15.000	
Isophorone	0.749	0.813	0.722	0.596	0.621	0.683	AVRG		0.69748100		11.638	15.000	
2-Nitrophenol	0.250	0.291	0.275	0.238	0.243	0.260	AVRG		0.25953755		7.892	15.000	
2,4-Dimethylphenol	0.380	0.452	0.426	0.336	0.364	0.379	AVRG		0.38937859		10.883	15.000	
Bis(2-Chloroethoxy)methan	0.506	0.548	0.485	0.380	0.387	0.446	AVRG		0.45883007		14.547	15.000	
2,4-Dichlorophenol	0.352	0.393	0.361	0.306	0.318	0.340	AVRG		0.34486596		9.058	15.000	
1,2,4-Trichlorobenzene	0.408	0.442	0.384	0.319	0.322	0.341	AVRG		0.36931663		13.572	15.000	
4-Chloroaniline	0.521	0.547	0.491	0.369	0.378	0.394	AVRG		0.45002915		17.460	15.000	<
Hexachlorobutadiene	0.223	0.255	0.209	0.181	0.188	0.201	AVRG		0.20948415		12.870	15.000	
4-Chloro-3-Methylphenol	0.355	0.413	0.361	0.288	0.298	0.315	AVRG		0.33827183		13.880	15.000	
Hexachlorocyclopentadiene	0.101	0.172	0.225	0.130	0.119	0.235	AVRG		0.16370212		34.540	15.000	<
2,4,6-Trichlorophenol	0.447	0.520	0.436	0.378	0.378	0.402	AVRG		0.42680520		12.686	15.000	
2,4,5-Trichlorophenol	0.472	0.556	0.473	0.420	0.418	0.428	AVRG		0.46102767		11.459	15.000	
2-Chloronaphthalene	106470	182460	377310	725660	783930	841400	2ORDR	-6.54e-002	2.17650410	0.40596519	0.99028	0.99000	
2-Nitroaniline	0.366	0.411	0.381	0.332	0.314	0.372	AVRG		0.36282049		9.618	15.000	
Dimethyl Phthalate	1.454	1.657	1.400	1.119	1.107	1.211	AVRG		1.32458967		16.388	15.000	<
2,6-Dinitrotoluene	0.366	0.422	0.379	0.314	0.326	0.355	AVRG		0.36036657		10.801	15.000	
3-Nitroaniline	0.382	0.425	0.380	0.303	0.300	0.336	AVRG		0.35421689		14.035	15.000	
2,4-Dinitrophenol	16210	59362	160460	375340	430690	500640	LINR	0.12318600	4.50571338		0.99020	0.99000	
Dibenzofuran	1.847	1.907	1.607	1.146	1.230	1.350	AVRG		1.51442192		21.230	15.000	<
4-Nitrophenol	0.070	0.097	0.138	0.089	0.093	0.159	AVRG		0.10759536		31.103	15.000	<
2,4-Dinitrotoluene	0.457	0.576	0.518	0.411	0.436	0.519	AVRG		0.48617600		12.776	15.000	
Diethylphthalate	1.507	1.536	1.291	0.923	0.967	1.073	AVRG		1.21615858		22.088	15.000	<
4-Chlorophenyl-phenylethe	0.752	0.808	0.688	0.509	0.533	0.613	AVRG		0.65056280		18.453	15.000	<
4-Nitroaniline	0.400	0.422	0.391	0.329	0.340	0.394	AVRG		0.37928630		9.609	15.000	
4,6-Dinitro-2-Methylpheno	39985	99080	223440	504660	571060	678910	LINR	6.8e-002	4.91260737		0.99504	0.99000	
N-Nitrosodiphenylamine	0.764	0.842	0.780	0.626	0.610	0.652	AVRG		0.71236176		13.404	15.000	
4-Bromophenyl-phenylether	0.279	0.298	0.286	0.233	0.230	0.245	AVRG		0.26190048		11.242	15.000	
Hexachlorobenzene	0.314	0.348	0.329	0.271	0.271	0.293	AVRG		0.30457990		10.351	15.000	
Pentachlorophenol	7385	49091	156340	388000	454320	547460	LINR	0.19645180	5.93883493		0.99113	0.99000	
Carbazole	1.205	1.314	1.172	0.973	0.928	1.030	AVRG		1.10368146		13.590	15.000	
Di-n-butylphthalate	1.654	1.780	1.553	1.296	1.222	1.355	AVRG		1.47663003		14.873	15.000	
Butylbenzylphthalate	0.680	0.740	0.684	0.646	0.678	0.726	AVRG		0.69248581		5.007	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date(s): 12/17/05 12/17/05

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1247 1650

LAB FILE ID: RF10: K0884 RF25: K0883 RF50: K0879
RF100: K0882 RF125: K0881 RF150: K0880

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
3,3'-Dichlorobenzidine	0.398	0.405	0.383	0.286	0.286	0.352	AVRG		0.35162645		15.300	15.000	<
bis(2-Ethylhexyl)phthalat	0.913	1.035	0.902	0.864	0.883	0.938	AVRG		0.92241325		6.598	15.000	
Di-n-octylphthalate	2.129	2.640	2.427	2.373	2.374	2.281	AVRG		2.37064872		7.113	15.000	
2-Fluorophenol	1.259	1.492	1.442	1.073	1.037	1.245	AVRG		1.25791173		14.735	15.000	
Phenol-D6	1.510	1.589	1.575	1.111	1.138	1.327	AVRG		1.37515506		15.660	15.000	<
Nitrobenzene-D5	0.381	0.425	0.376	0.331	0.342	0.376	AVRG		0.37174757		8.910	15.000	
2-Fluorobiphenyl	1.476	1.620	1.281	0.972	0.984	1.066	AVRG		1.23316870		22.008	15.000	<
2,4,6-Tribromophenol	0.187	0.222	0.225	0.170	0.172	0.206	AVRG		0.19710716		12.284	15.000	
Terphenyl-D14	0.974	1.091	1.003	0.980	1.005	1.092	AVRG		1.02431633		5.224	15.000	

Average %RSD test result.

Calculate Average %RSD: 15.81104374
Maximum Average %RSD: 15.00000000

Note: Failed Average %RSD Test.

FORM VI SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 17-DEC-2005 17:37
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23885-1
Client ID: WG23885-Blank
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 17-DEC-2005 17:37
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23885-1
Client ID: WG23885-Blank
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		65%				
13127-88-3	Phenol-D6		49%				
4165-60-0	Nitrobenzene-D5		86%				
321-60-8	2-Fluorobiphenyl		87%				
118-79-6	2,4,6-Tribromophenol		108%				
1718-51-0	Terphenyl-D14		77%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 12/17/05
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG23885-2 & WG23885-3
Client ID: WG23885-LCS & WG23885-LCSD
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.		LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Phenol	100	100	NA	49	47	49		47		5	30	0-140
Bis(2-Chloroethyl)ether	50	50	NA	49	50	97		100		3	30	51-125
2-Chlorophenol	100	100	NA	92	88	92		88		5	30	59-127
1,3-Dichlorobenzene	50	50	NA	33	36	65		73		10	30	41- 97
1,4-Dichlorobenzene	50	50	NA	33	37	65		74		12	30	40- 98
1,2-Dichlorobenzene	50	50	NA	37	40	73		79		8	30	32-107
2-Methylphenol	100	100	NA	85	82	85		82		4	30	59-122
2,2'-Oxybis(1-chloropropane)	50	50	NA	27	44	55		87	*	46	30	52-120
N-Nitroso-di-n-propylamine	50	50	NA	42	41	84		82		2	30	55-109
4-Methylphenol	100	100	NA	76	73	76		73		4	30	46-139
Hexachloroethane	50	50	NA	31	35	61		69		12	30	23- 98
Nitrobenzene	50	50	NA	40	43	81		86		6	30	66-114
Isophorone	50	50	NA	42	44	84		88		5	30	59-114
2-Nitrophenol	100	100	NA	85	88	85		88		4	30	18-162
2,4-Dimethylphenol	100	100	NA	82	86	82		86		4	30	73-109
Bis(2-Chloroethoxy)methane	50	50	NA	43	45	85		89		4	30	60-122
2,4-Dichlorophenol	100	100	NA	84	88	84		88		4	30	60-125
1,2,4-Trichlorobenzene	50	50	NA	34	37	67		73		9	30	49-104
4-Chloroaniline	50	50	NA	40	35	80		71		12	30	21-142
Hexachlorobutadiene	50	50	NA	32	36	64		72		12	30	37-102
4-Chloro-3-Methylphenol	100	100	NA	95	94	95		94		2	30	74-120
Hexachlorocyclopentadiene	50	50	NA	37	40	74	*	80	*	8	30	6- 67
2,4,6-Trichlorophenol	100	100	NA	92	92	92		92		0.3	30	67-128
2,4,5-Trichlorophenol	100	100	NA	88	89	88		89		2	30	61-136
2-Chloronaphthalene	50	50	NA	34	34	68		68		0.3	30	53-153
2-Nitroaniline	50	50	NA	51	51	102		103		0.4	30	76-118
Dimethyl Phthalate	50	50	NA	31	36	62		72		16	30	38-131
2,6-Dinitrotoluene	50	50	NA	42	44	85		88		4	30	71-127
3-Nitroaniline	50	50	NA	33	32	67		64		5	30	12-178
2,4-Dinitrophenol	100	100	NA	75	88	75		88		16	30	53-130
Dibenzofuran	50	50	NA	51	51	101		102		1	30	73-120
4-Nitrophenol	100	100	NA	38	39	38		39		4	30	0-169
2,4-Dinitrotoluene	50	50	NA	43	42	86		84		1	30	68-120
Diethylphthalate	50	50	NA	39	40	79		81		2	30	70-120
4-Chlorophenyl-phenylether	50	50	NA	46	44	91		89		3	30	61-134
4-Nitroaniline	50	50	NA	37	36	75		72		4	30	32-127
4,6-Dinitro-2-Methylphenol	100	100	NA	85	92	85		92		8	30	61-148
N-Nitrosodiphenylamine	100	100	NA	34	35	34		35		3	30	31-177
4-Bromophenyl-phenylether	50	50	NA	46	47	92		94		2	30	65-149
Hexachlorobenzene	50	50	NA	44	44	88		88		0.4	30	57-154
Pentachlorophenol	100	100	NA	85	93	85		93		8	30	25-173
Carbazole	50	50	NA	47	48	94		96		2	30	36-170
Di-n-butylphthalate	50	50	NA	42	43	85		87		2	30	67-137
Butylbenzylphthalate	50	50	NA	39	42	79		85		7	30	60-130
3,3'-Dichlorobenzidine	50	50	NA	36	30	72	*	60		18	30	68-173

FORM III SV-1
K0886.D & K0887.D

Sample Data Summary A0000102

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 12/17/05
Report Date: 01/16/2006
Matrix: WATER

Lab ID: WG23885-2 & WG23885-3
Client ID: WG23885-LCS & WG23885-LCSD
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23885
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	50	NA	42	43	84	86	2	30	49-150
Di-n-octylphthalate	50	50	NA	38	41	76	83	8	30	58-147

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: KD713 DFTPP Injection Date: 01/10/06

Instrument ID: GCMS-K DFTPP Injection Time: 1245

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	52.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.8
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	12.3 (86.8)2
442	40.0 - 100.0% of mass 198	77.3
443	17.0 - 23.0% of mass 442	14.1 (18.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0110	K1227	01/10/06	1308
02		SSTD150K0110	K1228	01/10/06	1356
03		SSTD125K0110	K1229	01/10/06	1444
04		SSTD100K0110	K1230	01/10/06	1532
05		SSTD025K0110	K1231	01/10/06	1627
06		SSTD010K0110	K1232	01/10/06	1716
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	146740	335560	536210	814510	1092100	1270500	2ORDR	-1.56e-002	0.49962516	8.102e-002	0.99731	0.99000	
Bis(2-Chloroethyl)ether	110430	249790	399640	663930	876620	1017500	LINR	-0.1632500	1.05910973		0.99106	0.99000	
2-Chlorophenol	99743	219140	346650	565080	773880	875930	LINR	-0.1717614	1.22665595		0.99170	0.99000	
1,3-Dichlorobenzene	1.428	1.358	1.268	1.154	1.020	1.034	AVRG		1.21051188		13.978	15.000	
1,4-Dichlorobenzene	1.407	1.279	1.204	1.115	0.972	0.977	AVRG		1.15921222		14.834	15.000	
1,2-Dichlorobenzene	109810	225870	354720	601170	758990	895210	2ORDR	-1.37e-002	0.74026692	0.15018075	0.99668	0.99000	
2-Methylphenol	88934	197100	327320	533530	754280	893760	LINR	-0.1127542	1.22347045		0.99612	0.99000	
2,2'-Oxybis(1-chloropropa	2.528	2.353	2.169	1.930	1.798	1.773	AVRG		2.09192093		14.785	15.000	
N-Nitroso-di-n-propylamin	76934	164860	286900	426870	628550	715520	LINR	-0.1443257	1.51416035		0.99142	0.99000	
4-Methylphenol	103430	212250	344140	537930	754070	846870	LINR	-0.1857058	1.27283172		0.99068	0.99000	
Hexachloroethane	0.487	0.499	0.488	0.461	0.417	0.410	AVRG		0.46017882		8.393	15.000	
Nitrobenzene	0.338	0.338	0.344	0.306	0.280	0.289	AVRG		0.31584506		8.821	15.000	
Isophorone	0.648	0.630	0.660	0.554	0.534	0.564	AVRG		0.59841195		9.052	15.000	
2-Nitrophenol	0.178	0.187	0.202	0.186	0.178	0.183	AVRG		0.18572279		4.805	15.000	
2,4-Dimethylphenol	0.318	0.329	0.343	0.283	0.266	0.275	AVRG		0.30239593		10.535	15.000	
Bis(2-Chloroethoxy)methan	0.461	0.430	0.419	0.356	0.345	0.365	AVRG		0.39602051		11.892	15.000	
2,4-Dichlorophenol	0.242	0.253	0.254	0.215	0.210	0.224	AVRG		0.23296324		8.225	15.000	
1,2,4-Trichlorobenzene	0.300	0.307	0.280	0.265	0.238	0.245	AVRG		0.27271074		10.452	15.000	
4-Chloroaniline	0.391	0.374	0.355	0.305	0.282	0.286	AVRG		0.33201266		14.202	15.000	
Hexachlorobutadiene	0.177	0.166	0.155	0.150	0.136	0.143	AVRG		0.15439622		9.708	15.000	
4-Chloro-3-Methylphenol	0.273	0.292	0.284	0.241	0.239	0.272	AVRG		0.26688787		8.205	15.000	
Hexachlorocyclopentadiene	0.176	0.229	0.101	0.130	0.136	0.113	AVRG		0.14750659		32.199	15.000	<
2,4,6-Trichlorophenol	0.350	0.334	0.332	0.324	0.323	0.328	AVRG		0.33180777		3.004	15.000	
2,4,5-Trichlorophenol	0.351	0.362	0.335	0.347	0.343	0.346	AVRG		0.34737668		2.582	15.000	
2-Chloronaphthalene	0.434	0.382	0.364	0.344	0.312	0.321	AVRG		0.35960103		12.497	15.000	
2-Nitroaniline	0.337	0.356	0.310	0.326	0.317	0.339	AVRG		0.33085025		5.104	15.000	
Dimethyl Phthalate	1.177	1.098	1.082	0.995	0.954	1.023	AVRG		1.05482910		7.618	15.000	
2,6-Dinitrotoluene	0.274	0.287	0.282	0.284	0.269	0.278	AVRG		0.27886267		2.428	15.000	
3-Nitroaniline	0.255	0.285	0.279	0.303	0.283	0.315	AVRG		0.28674640		7.275	15.000	
2,4-Dinitrophenol	8448	37914	79852	176260	249530	369140	2ORDR	0.10725693	7.04283485	-2.9313019	0.99622	0.99000	
Dibenzofuran	1.472	1.376	1.264	1.187	1.126	1.098	AVRG		1.25372473		11.707	15.000	
4-Nitrophenol	11478	32629	61328	121380	167240	218700	LINR	9.693e-002	8.24537197		0.99686	0.99000	
2,4-Dinitrotoluene	0.316	0.356	0.335	0.362	0.339	0.378	AVRG		0.34790401		6.332	15.000	
Diethylphthalate	1.130	1.130	1.065	1.014	0.969	1.036	AVRG		1.05723411		6.100	15.000	
4-Chlorophenyl-phenylethe	0.607	0.547	0.525	0.487	0.454	0.463	AVRG		0.51379334		11.230	15.000	
4-Nitroaniline	0.262	0.272	0.269	0.292	0.266	0.292	AVRG		0.27553792		4.847	15.000	
4,6-Dinitro-2-Methylpheno	20854	68513	122300	231900	320880	454830	LINR	0.10306146	6.86197487		0.99654	0.99000	
N-Nitrosodiphenylamine	0.587	0.610	0.546	0.493	0.497	0.486	AVRG		0.53669838		9.933	15.000	
4-Bromophenyl-phenylether	0.229	0.224	0.204	0.176	0.180	0.181	AVRG		0.19898019		11.706	15.000	
Hexachlorobenzene	0.293	0.274	0.249	0.220	0.225	0.215	AVRG		0.24594310		12.965	15.000	
Pentachlorophenol	0.112	0.146	0.143	0.147	0.149	0.146	AVRG		0.14035424		10.103	15.000	
Carbazole	0.869	0.873	0.844	0.811	0.759	0.769	AVRG		0.82090332		6.006	15.000	
Di-n-butylphthalate	1.178	1.202	1.208	1.052	0.990	0.990	AVRG		1.10337703		9.453	15.000	
Butylbenzylphthalate	0.468	0.511	0.512	0.483	0.502	0.528	AVRG		0.50101360		4.353	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2
3,3'-Dichlorobenzidine	0.213	0.256	0.269	0.274	0.284	0.287	AVRG		0.26368604		10.292	15.000
bis(2-Ethylhexyl)phthalat	0.564	0.594	0.670	0.595	0.628	0.678	AVRG		0.62159753		7.298	15.000
Di-n-octylphthalate	1.017	1.307	1.460	1.492	1.472	1.538	AVRG		1.38096089		14.088	15.000
2-Fluorophenol	1.241	1.212	1.166	1.007	0.935	0.946	AVRG		1.08439894		12.692	15.000
Phenol-D6	1.496	1.519	1.452	1.247	1.234	1.216	AVRG		1.36073544		10.455	15.000
Nitrobenzene-D5	0.306	0.320	0.333	0.306	0.293	0.307	AVRG		0.31090830		4.389	15.000
2-Fluorobiphenyl	1.203	1.097	1.054	0.982	0.964	0.919	AVRG		1.03656811		9.995	15.000
2,4,6-Tribromophenol	0.199	0.224	0.219	0.222	0.200	0.221	AVRG		0.21441239		5.343	15.000
Terphenyl-D14	0.702	0.787	0.728	0.717	0.714	0.734	AVRG		0.73021635		4.125	15.000

Average %RSD test result.

Calculate Average %RSD: 10.53704834
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: KD715 DFTPP Injection Date: 01/12/06

Instrument ID: GCMS-K DFTPP Injection Time: 1255

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	55.3
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	59.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	8.9
275	10.0 - 30.0% of mass 198	23.7
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	11.7 (90.6)2
442	40.0 - 100.0% of mass 198	71.2
443	17.0 - 23.0% of mass 442	13.0 (18.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0112	K1268	01/12/06	1317
02	WG23949-BLANK	WG23949-1	K1269	01/12/06	1405
03	WG23949-LCS	WG23949-2	K1270	01/12/06	1455
04	44GW0901MS	WG23949-3	K1272	01/12/06	1632
05	44GW0901MSD	WG23949-4	K1273	01/12/06	1719
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/12/06 Time: 1317

Lab File ID: K1268 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	48.798000	50.000000	1.5138000	0.01	-2.40	20.00	2RDR
Bis(2-Chloroethyl)ether	54.828000	50.000000	1.1587000	0.01	9.66	100.00	LINR
2-Chlorophenol	56.887000	50.000000	1.0395000	0.01	13.77	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2730000	1.2730000	0.01	5.21	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.2268000	1.2268000	0.01	5.85	20.00	AVRG
1,2-Dichlorobenzene	51.538000	50.000000	1.1002000	0.01	3.08	100.00	2RDR
2-Methylphenol	51.888000	50.000000	0.9219300	0.01	3.78	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.1652000	2.1652000	0.01	3.50	100.00	AVRG
N-Nitroso-di-n-propylamine	55.219000	50.000000	0.8056200	0.05	10.44	100.00	LINR
4-Methylphenol	55.078000	50.000000	0.9821500	0.01	10.16	100.00	LINR
Hexachloroethane	0.4600000	0.5000200	0.5000200	0.01	8.70	100.00	AVRG
Nitrobenzene	0.3160000	0.3097500	0.3097500	0.01	-1.98	100.00	AVRG
Isophorone	0.5980000	0.6128300	0.6128300	0.01	2.48	100.00	AVRG
2-Nitrophenol	0.1860000	0.1896900	0.1896900	0.01	1.98	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3106700	0.3106700	0.01	2.87	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.4153900	0.4153900	0.01	4.90	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2561500	0.2561500	0.01	9.94	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2828300	0.2828300	0.01	3.98	100.00	AVRG
4-Chloroaniline	0.3320000	0.3455400	0.3455400	0.01	4.08	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1628900	0.1628900	0.01	5.77	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2785500	0.2785500	0.01	4.32	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2259400	0.2259400	0.05	52.66	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3091100	0.3091100	0.01	-6.89	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3390100	0.3390100	0.01	-2.30	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3369700	0.3369700	0.01	-6.40	100.00	AVRG
2-Nitroaniline	0.3310000	0.2830900	0.2830900	0.01	-14.47	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0468000	1.0468000	0.01	-0.78	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2787100	0.2787100	0.01	-0.10	100.00	AVRG
3-Nitroaniline	0.2870000	0.2585000	0.2585000	0.01	-9.93	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/12/06 Time: 1317

Lab File ID: K1268 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,4-Dinitrophenol	47.046000	50.000000	0.1302400	0.05	-5.91	100.00	2RDR	
Dibenzofuran	1.2540000	1.1794000	1.1794000	0.01	-5.95	100.00	AVRG	
4-Nitrophenol	43.467000	50.000000	9.6e-002	0.05	-13.07	100.00	LINR	
2,4-Dinitrotoluene	0.3480000	0.3341500	0.3341500	0.01	-3.98	100.00	AVRG	
Diethylphthalate	1.0570000	1.0432000	1.0432000	0.01	-1.30	100.00	AVRG	
4-Chlorophenyl-phenylether	0.5140000	0.5005200	0.5005200	0.01	-2.62	100.00	AVRG	
4-Nitroaniline	0.2760000	0.2365200	0.2365200	0.01	-14.30	100.00	AVRG	
4,6-Dinitro-2-Methylphenol	46.684000	50.000000	0.1240500	0.01	-6.63	100.00	LINR	
N-Nitrosodiphenylamine	0.5360000	0.5494600	0.5494600	0.01	2.51	20.00	AVRG	
4-Bromophenyl-phenylether	0.1990000	0.2080400	0.2080400	0.01	4.54	100.00	AVRG	
Hexachlorobenzene	0.2460000	0.2374400	0.2374400	0.01	-3.48	100.00	AVRG	
Pentachlorophenol	0.1400000	0.1429600	0.1429600	0.01	2.11	20.00	AVRG	
Carbazole	0.8210000	0.7846200	0.7846200	0.01	-4.43	100.00	AVRG	
Di-n-butylphthalate	1.1030000	1.1904000	1.1904000	0.01	7.92	100.00	AVRG	
Butylbenzylphthalate	0.5010000	0.5226000	0.5226000	0.01	4.31	100.00	AVRG	
3,3'-Dichlorobenzidine	0.2640000	0.2328900	0.2328900	0.01	-11.78	100.00	AVRG	
bis(2-Ethylhexyl)phthalate	0.6220000	0.6862200	0.6862200	0.01	10.32	100.00	AVRG	
Di-n-octylphthalate	1.3810000	1.8070000	1.8070000	0.01	30.85	20.00	AVRG	<-
2-Fluorophenol	1.0840000	1.1118000	1.1118000	0.01	2.56	100.00	AVRG	
Phenol-D6	1.3610000	1.3960000	1.3960000	0.01	2.57	100.00	AVRG	
Nitrobenzene-D5	0.3110000	0.3007900	0.3007900	0.01	-3.28	100.00	AVRG	
2-Fluorobiphenyl	1.0360000	0.9579400	0.9579400	0.01	-7.53	100.00	AVRG	
2,4,6-Tribromophenol	0.2140000	0.1910500	0.1910500	0.01	-10.72	100.00	AVRG	
Terphenyl-D14	0.7300000	0.7734600	0.7734600	0.01	5.95	100.00	AVRG	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12-JAN-2006 14:05
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23949-1
Client ID: WG23949-Blank
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000099

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 12-JAN-2006 14:05
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23949-1
Client ID: WG23949-Blank
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		83%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		64%				
118-79-6	2,4,6-Tribromophenol		80%				
1718-51-0	Terphenyl-D14		87%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/18/2006
Matrix: WATER

Lab ID: WG23949-2
Client ID: WG23949-LCS
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Phenol	100	NA	79	79	0-140
Bis(2-Chloroethyl)ether	50	NA	41	82	51-125
2-Chlorophenol	100	NA	89	89	59-127
1,3-Dichlorobenzene	50	NA	28	56	41- 97
1,4-Dichlorobenzene	50	NA	28	56	40- 98
1,2-Dichlorobenzene	50	NA	26	52	32-107
2-Methylphenol	100	NA	90	90	59-122
2,2'-Oxybis(1-chloropropane)	50	NA	38	76	52-120
N-Nitroso-di-n-propylamine	50	NA	37	74	55-109
4-Methylphenol	100	NA	94	94	46-139
Hexachloroethane	50	NA	27	54	23- 98
Nitrobenzene	50	NA	37	73	66-114
Isophorone	50	NA	40	81	59-114
2-Nitrophenol	100	NA	82	82	18-162
2,4-Dimethylphenol	100	NA	81	81	73-109
Bis(2-Chloroethoxy)methane	50	NA	40	80	60-122
2,4-Dichlorophenol	100	NA	82	82	60-125
1,2,4-Trichlorobenzene	50	NA	34	68	49-104
4-Chloroaniline	50	NA	16	32	21-142
Hexachlorobutadiene	50	NA	33	67	37-102
4-Chloro-3-Methylphenol	100	NA	89	89	74-120
Hexachlorocyclopentadiene	50	NA	24	48	6- 67
2,4,6-Trichlorophenol	100	NA	85	85	67-128
2,4,5-Trichlorophenol	100	NA	81	81	61-136
2-Chloronaphthalene	50	NA	30	60	53-153
2-Nitroaniline	50	NA	41	81	76-118
Dimethyl Phthalate	50	NA	43	86	38-131
2,6-Dinitrotoluene	50	NA	37	74	71-127
3-Nitroaniline	50	NA	20	41	12-178
2,4-Dinitrophenol	100	NA	77	77	53-130
Dibenzofuran	50	NA	42	84	73-120
4-Nitrophenol	100	NA	81	81	0-169
2,4-Dinitrotoluene	50	NA	39	78	68-120
Diethylphthalate	50	NA	41	82	70-120
4-Chlorophenyl-phenylether	50	NA	40	81	61-134
4-Nitroaniline	50	NA	38	76	32-127
4,6-Dinitro-2-Methylphenol	100	NA	86	86	61-148
N-Nitrosodiphenylamine	100	NA	36	36	31-177
4-Bromophenyl-phenylether	50	NA	48	95	65-149
Hexachlorobenzene	50	NA	47	94	57-154
Pentachlorophenol	100	NA	111	111	25-173
Carbazole	50	NA	45	90	36-170
Di-n-butylphthalate	50	NA	45	89	67-137
Butylbenzylphthalate	50	NA	42	84	60-130
3,3'-Dichlorobenzidine	50	NA	26	* 51	68-173

FORM III SV-1
K1270.D

Sample Data Summary A0000104

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/18/2006
Matrix: WATER

Lab ID: WG23949-2
Client ID: WG23949-LCS
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	NA	47	94	49-150
Di-n-octylphthalate	50	NA	49	97	58-147

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/18/2006
Matrix: WATER

Lab ID: WG23949-3 & WG23949-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.		MSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Phenol	96	94	0.00	83	24	86		25	*	110	30	0-140
Bis(2-Chloroethyl)ether	48	47	0.00	46	12	95	*	25	*	120	30	51-125
2-Chlorophenol	96	94	0.00	97	31	101	*	63	*	100	30	59-127
1,3-Dichlorobenzene	48	47	0.00	30	10	62	*	22	*	96	30	41- 97
1,4-Dichlorobenzene	48	47	0.00	31	10	64	*	22	*	100	30	40- 98
1,2-Dichlorobenzene	48	47	0.00	29	8.9	60	*	19	*	100	30	32-107
2-Methylphenol	96	94	0.00	98	31	102	*	33	*	100	30	59-122
2,2'-Oxybis(1-chloropropane)	48	47	0.00	41	14	86	*	30	*	96	30	52-120
N-Nitroso-di-n-propylamine	48	47	0.00	39	11	81	*	24	*	110	30	55-109
4-Methylphenol	96	94	0.00	100	30	104	*	32	*	110	30	46-139
Hexachloroethane	48	47	0.00	27	9.5	57	*	20	*	97	30	23- 98
Nitrobenzene	48	47	0.00	38	13	78	*	28	*	97	30	66-114
Isophorone	48	47	0.00	38	13	80	*	28	*	99	30	59-114
2-Nitrophenol	96	94	0.00	82	26	85		28	*	100	30	18-162
2,4-Dimethylphenol	96	94	0.00	80	29	83	*	30	*	94	30	73-109
Bis(2-Chloroethoxy)methane	48	47	0.00	40	14	83	*	30	*	96	30	60-122
2,4-Dichlorophenol	96	94	0.00	81	30	84	*	32	*	93	30	60-125
1,2,4-Trichlorobenzene	48	47	0.00	33	13	69	*	27	*	90	30	49-104
4-Chloroaniline	48	47	0.00	14	4.9	29	*	14	*	96	30	21-142
Hexachlorobutadiene	48	47	0.00	33	12	69	*	25	*	95	30	37-102
4-Chloro-3-Methylphenol	96	94	0.00	88	31	91	*	33	*	96	30	74-120
Hexachlorocyclopentadiene	48	47	0.00	30	7.3	63		15	*	120	30	6- 67
2,4,6-Trichlorophenol	96	94	0.00	85	29	88	*	31	*	97	30	67-128
2,4,5-Trichlorophenol	96	94	0.00	80	30	84	*	32	*	91	30	61-136
2-Chloronaphthalene	48	47	0.00	31	11	64	*	24	*	93	30	53-153
2-Nitroaniline	48	47	0.00	43	13	90	*	28	*	100	30	76-118
Dimethyl Phthalate	48	47	0.00	44	15	92	*	32	*	98	30	38-131
2,6-Dinitrotoluene	48	47	0.00	39	11	82	*	24	*	110	30	71-127
3-Nitroaniline	48	47	0.00	22	6.0	47		13	*	120	30	12-178
2,4-Dinitrophenol	96	94	0.00	86	24	89	*	25	*	110	30	53-130
Dibenzofuran	48	47	0.00	44	17	91	*	36	*	89	30	73-120
4-Nitrophenol	96	94	0.00	84	25	88		27	*	110	30	0-169
2,4-Dinitrotoluene	48	47	0.00	41	13	85	*	28	*	100	30	68-120
Diethylphthalate	48	47	0.00	44	16	92	*	33	*	96	30	70-120
4-Chlorophenyl-phenylether	48	47	0.00	43	16	90	*	33	*	94	30	61-134
4-Nitroaniline	48	47	0.00	39	12	81	*	25	*	100	30	32-127
4,6-Dinitro-2-Methylphenol	96	94	0.00	86	28	89	*	29	*	100	30	61-148
N-Nitrosodiphenylamine	96	94	0.00	29	10	* 30	*	11	*	94	30	31-177
4-Bromophenyl-phenylether	48	47	0.00	46	16	95	*	35	*	94	30	65-149
Hexachlorobenzene	48	47	0.00	44	17	91	*	36	*	89	30	57-154
Pentachlorophenol	96	94	0.00	107	38	111		40	*	95	30	25-173
Carbazole	48	47	0.00	44	16	92	*	33	*	95	30	36-170
Di-n-butylphthalate	48	47	0.00	43	15	89	*	32	*	94	30	67-137
Butylbenzylphthalate	48	47	0.00	43	13	89	*	27	*	110	30	60-130
3,3'-Dichlorobenzidine	48	47	0.00	14	0.0	* 29	*	0			30	68-173

Sample Data Summary A0000106

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 01/12/06
Report Date: 01/18/2006
Matrix: WATER

Lab ID: WG23949-3 & WG23949-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.		MSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	48	47	0.00	46	14	95	*	31	*	100	30	49-150
Di-n-octylphthalate	48	47	0.00	56	14	115	*	41	*	120	30	58-147

FORM III SV-1

K1272.D & K1273.D

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: KD716 DFTPP Injection Date: 01/13/06

Instrument ID: GCMS-K DFTPP Injection Time: 1355

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	52.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	23.2
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	11.6 (79.1)2
442	40.0 - 100.0% of mass 198	73.6
443	17.0 - 23.0% of mass 442	14.7 (20.0)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0113	K1284	01/13/06	1418
02	3221GW0401	WV6662-1	K1287	01/13/06	1644
03	3221GW0501	WV6662-2	K1288	01/13/06	1733
04	3221GW0801	WV6662-3	K1289	01/13/06	1823
05	3221GW0701	WV6662-4	K1290	01/13/06	1912
06	3221GW0901	WV6662-6	K1291	01/13/06	2001
07	3221GW1001	WV6662-7	K1292	01/13/06	2049
08	3221GW1001D	WV6662-8	K1293	01/13/06	2139
09	44GW1401	WV6687-1	K1294	01/13/06	2227
10	44GW1101	WV6687-2	K1295	01/13/06	2316
11	44GW1001	WV6687-3	K1296	01/14/06	0005
12	44GW0901	WV6687-4	K1297	01/14/06	0054
13	44GW1901	WV6687-5	K1298	01/14/06	0143
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/13/06 Time: 1418

Lab File ID: K1284 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Phenol	47.652000	50.000000	1.4853000	0.01	-4.70	20.00	2RDR	
Bis(2-Chloroethyl)ether	60.078000	50.000000	1.2578000	0.01	20.16	100.00	LINR	
2-Chlorophenol	54.983000	50.000000	1.0085000	0.01	9.97	100.00	LINR	
1,3-Dichlorobenzene	1.2100000	1.2197000	1.2197000	0.01	0.80	100.00	AVRG	
1,4-Dichlorobenzene	1.1590000	1.2078000	1.2078000	0.01	4.21	20.00	AVRG	
1,2-Dichlorobenzene	50.694000	50.000000	1.0856000	0.01	1.39	100.00	2RDR	
2-Methylphenol	61.680000	50.000000	1.0820000	0.01	23.36	100.00	LINR	
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0431000	2.0431000	0.01	-2.34	100.00	AVRG	
N-Nitroso-di-n-propylamine	50.964000	50.000000	0.7494200	0.05	1.93	100.00	LINR	
4-Methylphenol	50.182000	50.000000	0.9052400	0.01	0.36	100.00	LINR	
Hexachloroethane	0.4600000	0.4715900	0.4715900	0.01	2.52	100.00	AVRG	
Nitrobenzene	0.3160000	0.2941200	0.2941200	0.01	-6.92	100.00	AVRG	
Isophorone	0.5980000	0.5355800	0.5355800	0.01	-10.44	100.00	AVRG	
2-Nitrophenol	0.1860000	0.1817000	0.1817000	0.01	-2.31	20.00	AVRG	
2,4-Dimethylphenol	0.3020000	0.2954300	0.2954300	0.01	-2.18	100.00	AVRG	
Bis(2-Chloroethoxy)methane	0.3960000	0.3702800	0.3702800	0.01	-6.49	100.00	AVRG	
2,4-Dichlorophenol	0.2330000	0.2327000	0.2327000	0.01	-0.13	20.00	AVRG	
1,2,4-Trichlorobenzene	0.2720000	0.2666800	0.2666800	0.01	-1.96	100.00	AVRG	
4-Chloroaniline	0.3320000	0.1163100	0.1163100	0.01	-64.97	100.00	AVRG	
Hexachlorobutadiene	0.1540000	0.1494700	0.1494700	0.01	-2.94	20.00	AVRG	
4-Chloro-3-Methylphenol	0.2670000	0.2733800	0.2733800	0.01	2.39	20.00	AVRG	
Hexachlorocyclopentadiene	0.1480000	0.2614900	0.2614900	0.05	-76.68	100.00	AVRG	
2,4,6-Trichlorophenol	0.3320000	0.2631700	0.2631700	0.01	-20.73	20.00	AVRG	<-
2,4,5-Trichlorophenol	0.3470000	0.3344700	0.3344700	0.01	-3.61	100.00	AVRG	
2-Chloronaphthalene	0.3600000	0.3587200	0.3587200	0.01	-0.36	100.00	AVRG	
2-Nitroaniline	0.3310000	0.2781000	0.2781000	0.01	-15.98	100.00	AVRG	
Dimethyl Phthalate	1.0550000	0.9687900	0.9687900	0.01	-8.17	100.00	AVRG	
2,6-Dinitrotoluene	0.2790000	0.2685700	0.2685700	0.01	-3.74	100.00	AVRG	
3-Nitroaniline	0.2870000	0.2746600	0.2746600	0.01	-4.30	100.00	AVRG	

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/13/06 Time: 1418

Lab File ID: K1284 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	51.165000	50.000000	0.1438800	0.05	2.33	100.00	2RDR
Dibenzofuran	1.2540000	1.2034000	1.2034000	0.01	-4.04	100.00	AVRG
4-Nitrophenol	39.010000	50.000000	8.52e-002	0.05	-21.98	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3457200	0.3457200	0.01	-0.66	100.00	AVRG
Diethylphthalate	1.0570000	1.0056000	1.0056000	0.01	-4.86	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4875600	0.4875600	0.01	-5.14	100.00	AVRG
4-Nitroaniline	0.2760000	0.2775400	0.2775400	0.01	0.56	100.00	AVRG
4,6-Dinitro-2-Methylphenol	49.340000	50.000000	0.1317900	0.01	-1.32	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5211100	0.5211100	0.01	-2.78	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1931900	0.1931900	0.01	-2.92	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2316100	0.2316100	0.01	-5.85	100.00	AVRG
Pentachlorophenol	0.1400000	0.1164500	0.1164500	0.01	-16.82	20.00	AVRG
Carbazole	0.8210000	0.8162400	0.8162400	0.01	-0.58	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.0525000	1.0525000	0.01	-4.58	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4502700	0.4502700	0.01	-10.13	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2431400	0.2431400	0.01	-7.90	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5339300	0.5339300	0.01	-14.16	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.2436000	1.2436000	0.01	-9.95	20.00	AVRG
2-Fluorophenol	1.0840000	1.0504000	1.0504000	0.01	-3.10	100.00	AVRG
Phenol-D6	1.3610000	1.3430000	1.3430000	0.01	-1.32	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2771900	0.2771900	0.01	-10.87	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9713100	0.9713100	0.01	-6.24	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1500900	0.1500900	0.01	-29.86	100.00	AVRG
Terphenyl-D14	0.7300000	0.6696700	0.6696700	0.01	-8.26	100.00	AVRG

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: KD717 DFTPP Injection Date: 01/14/06

Instrument ID: GCMS-K DFTPP Injection Time: 0953

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	55.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.5
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	24.6
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	6.2 (36.2)2
442	40.0 - 100.0% of mass 198	83.0
443	17.0 - 23.0% of mass 442	17.0 (20.5)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0114	K1299	01/14/06	1017
02	44GW1801	WV6687-7	K1303	01/14/06	1335
03	44GW1301	WV6687-8	K1304	01/14/06	1422
04	44GW1501	WV6687-9	K1305	01/14/06	1510
05	44GW1201	WV6687-10	K1306	01/14/06	1558
06	3221GW0601	WV6687-11	K1307	01/14/06	1646
07	44GW1501D	WV6687-12	K1308	01/14/06	1734
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FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/14/06 Time: 1017

Lab File ID: K1299 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	54.573000	50.000000	1.6546000	0.01	9.15	20.00	2RDR
Bis(2-Chloroethyl)ether	72.226000	50.000000	1.4872000	0.01	44.45	100.00	LINR
2-Chlorophenol	56.383000	50.000000	1.0313000	0.01	12.77	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2135000	1.2135000	0.01	0.29	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1735000	1.1735000	0.01	1.25	20.00	AVRG
1,2-Dichlorobenzene	51.876000	50.000000	1.1061000	0.01	3.75	100.00	2RDR
2-Methylphenol	52.658000	50.000000	0.9345300	0.01	5.32	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.0342000	2.0342000	0.01	-2.76	100.00	AVRG
N-Nitroso-di-n-propylamine	55.770000	50.000000	0.8129000	0.05	11.54	100.00	LINR
4-Methylphenol	62.120000	50.000000	1.0928000	0.01	24.24	100.00	LINR
Hexachloroethane	0.4600000	0.4622900	0.4622900	0.01	0.50	100.00	AVRG
Nitrobenzene	0.3160000	0.2883500	0.2883500	0.01	-8.75	100.00	AVRG
Isophorone	0.5980000	0.5781200	0.5781200	0.01	-3.32	100.00	AVRG
2-Nitrophenol	0.1860000	0.1864300	0.1864300	0.01	0.23	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3111100	0.3111100	0.01	3.02	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3811700	0.3811700	0.01	-3.74	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2633300	0.2633300	0.01	13.02	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2693000	0.2693000	0.01	-0.99	100.00	AVRG
4-Chloroaniline	0.3320000	0.3350600	0.3350600	0.01	0.92	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1488700	0.1488700	0.01	-3.33	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.3026600	0.3026600	0.01	13.36	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2295200	0.2295200	0.05	55.08	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.2971600	0.2971600	0.01	-10.49	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3530000	0.3530000	0.01	1.73	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3426000	0.3426000	0.01	-4.83	100.00	AVRG
2-Nitroaniline	0.3310000	0.2742200	0.2742200	0.01	-17.15	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0404000	1.0404000	0.01	-1.38	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2724200	0.2724200	0.01	-2.36	100.00	AVRG
3-Nitroaniline	0.2870000	0.2679600	0.2679600	0.01	-6.63	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date: 01/14/06 Time: 1017

Lab File ID: K1299 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	50.228000	50.000000	0.1407600	0.05	0.46	100.00	2RDR
Dibenzofuran	1.2540000	1.2148000	1.2148000	0.01	-3.13	100.00	AVRG
4-Nitrophenol	41.428000	50.000000	9.11e-002	0.05	-17.14	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3566700	0.3566700	0.01	2.49	100.00	AVRG
Diethylphthalate	1.0570000	1.0466000	1.0466000	0.01	-0.98	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4897400	0.4897400	0.01	-4.72	100.00	AVRG
4-Nitroaniline	0.2760000	0.2558600	0.2558600	0.01	-7.30	100.00	AVRG
4,6-Dinitro-2-Methylphenol	48.159000	50.000000	0.1283500	0.01	-3.68	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5297400	0.5297400	0.01	-1.17	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.2059300	0.2059300	0.01	3.48	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2505900	0.2505900	0.01	1.86	100.00	AVRG
Pentachlorophenol	0.1400000	0.1400100	0.1400100	0.01	0.01	20.00	AVRG
Carbazole	0.8210000	0.7570800	0.7570800	0.01	-7.78	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.0715000	1.0715000	0.01	-2.86	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4761000	0.4761000	0.01	-4.97	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2380100	0.2380100	0.01	-9.84	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.6040200	0.6040200	0.01	-2.89	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.3099000	1.3099000	0.01	-5.15	20.00	AVRG
2-Fluorophenol	1.0840000	1.0723000	1.0723000	0.01	-1.08	100.00	AVRG
Phenol-D6	1.3610000	1.3804000	1.3804000	0.01	1.42	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2748900	0.2748900	0.01	-11.61	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9279900	0.9279900	0.01	-10.43	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1584300	0.1584300	0.01	-25.97	100.00	AVRG
Terphenyl-D14	0.7300000	0.7337800	0.7337800	0.01	0.52	100.00	AVRG

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT NAS Pensacola CTO-367		JOB NUMBER Job-0007 SDG-367-3	
SUBJECT Sample Calculation			
BASED ON		DRAWING NUMBER	
BY Bernard F Spada III	CHECKED BY	APPROVED BY 2-20-06 VDT	DATE 2/9/06

Sample 446W1901

Bis(2-ethylhexyl)phthalate = 11 ug/L

$$Bis(2EHP) = \frac{(280751)(40\ ug/L)}{(1530224)(0.6216)(1.05L)} = 11.2\ ug/L$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 14-JAN-2006 01:43
Report Date: 01/16/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6687-5
Client ID: 44GW1901
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG23949
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate		11	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		43%				
13127-88-3	Phenol-D6		39%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		61%				
118-79-6	2,4,6-Tribromophenol		56%				
1718-51-0	Terphenyl-D14		88%				

Data File: \\Target_server\GG\chem\gcms-k.i\K011306.b\K1298.D
Report Date: 16-Jan-2006 11:11

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-k.i\K011306.b\K1298.D
Lab Smp Id: WV6687-5 Client Smp ID: 44GW1901
Inj Date : 14-JAN-2006 01:43 MS Autotune Date: 01-MAR-2004 10:18
Operator : JCG Inst ID: gcms-k.i
Smp Info : WV6687-5
Misc Info : SW846 8270C
Comment :
Method : \\Target_server\GG\chem\gcms-k.i\K011306.b\k8270C57.m
Meth Date : 13-Jan-2006 14:52 cgomez Quant Type: ISTD
Cal Date : 10-JAN-2006 17:16 Cal File: K1232.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: tetrat367001.sub
Target Version: 4.12
Processing Host: TARGET06

Concentration Formula: Amt * DF * 1000*(Vt/Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.050	Volume of sample extracted (L)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 7 2-Fluorophenol	112	7.371	7.382	(0.742)	599322	42.9636	40.9
$ 13 Phenol-D6	99	9.211	9.223	(0.927)	689273	39.3774	37.5
* 18 1,4-Dichlorobenzene-D4	152	9.932	9.924	(1.000)	514554	40.0000	
$ 33 Nitrobenzene-D5	82	11.140	11.132	(0.873)	469410	32.8688	31.3
* 44 Naphthalene-D8	136	12.757	12.739	(1.000)	1837367	40.0000	
$ 62 2-Fluorobiphenyl	172	15.367	15.359	(0.908)	785645	30.4804	29.0
* 77 Acenaphthene-D10	164	16.925	16.907	(1.000)	994646	40.0000	
$ 100 2,4,6-Tribromophenol	330	18.824	18.826	(1.112)	297925	55.8790	53.2
* 114 Phenanthrene-D10	188	20.499	20.482	(1.000)	1563989	40.0000	
$ 129 Terphenyl-D14	244	24.463	24.455	(0.908)	1223945	43.8142	41.7
* 140 Chrysene-D12	240	26.937	26.919	(1.000)	1530224	40.0000	
143 bis(2-Ethylhexyl)phthalate	149	27.249	27.231	(1.012)	280751	11.8064	11.2
* 150 Perylene-D12	264	30.170	30.153	(1.000)	798951	40.0000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
3,3'-Dichlorobenzidine	0.213	0.256	0.269	0.274	0.284	0.287	AVRG		0.26368604		10.292	15.000
bis(2-Ethylhexyl)phthalat	0.564	0.594	0.670	0.595	0.628	0.678	AVRG		0.62159753		7.298	15.000
Di-n-octylphthalate	1.017	1.307	1.460	1.492	1.472	1.538	AVRG		1.38096089		14.088	15.000
2-Fluorophenol	1.241	1.212	1.166	1.007	0.935	0.946	AVRG		1.08439894		12.692	15.000
Phenol-D6	1.496	1.519	1.452	1.247	1.234	1.216	AVRG		1.36073544		10.455	15.000
Nitrobenzene-D5	0.306	0.320	0.333	0.306	0.293	0.307	AVRG		0.31090830		4.389	15.000
2-Fluorobiphenyl	1.203	1.097	1.054	0.982	0.964	0.919	AVRG		1.03656811		9.995	15.000
2,4,6-Tribromophenol	0.199	0.224	0.219	0.222	0.200	0.221	AVRG		0.21441239		5.343	15.000
Terphenyl-D14	0.702	0.787	0.728	0.717	0.714	0.734	AVRG		0.73021635		4.125	15.000

Average %RSD test result.

Calculate Average %RSD: 10.53704834
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: UD128 DFTPP Injection Date: 11/28/05

Instrument ID: GCMS-U DFTPP Injection Time: 1052

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	37.9
68	Less than 2.0% of mass 69	0.5 (1.2)1
69	Less than 100.0% of mass 198	39.4
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	51.2
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	12.7 (81.4)2
442	40.0 - 100.0% of mass 198	82.4
443	17.0 - 23.0% of mass 442	15.6 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1128	U2807	11/28/05	1114
02		SSTD5.00U1128	U2808	11/28/05	1159
03		SSTD3.00U1128	U2809	11/28/05	1244
04		SSTD2.00U1128	U2810	11/28/05	1328
05		SSTD0.50U1128	U2811	11/28/05	1413
06		SSTD0.20U1128	U2812	11/28/05	1458
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FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date(s): 11/28/05 11/28/05

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1114 1458

LAB FILE ID: RF0.2: U2812 RF0.5: U2811 RF1: U2807
RF2: U2810 RF3: U2809 RF5: U2808

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	A0	A1	OR R^2	OR R^2
Naphthalene	0.909	0.857	0.813	0.792	0.767	0.759	AVRG		0.81615277	7.056	15.000
2-Methylnaphthalene	4006	13847	30329	83443	125360	210480	LINR	0.15786070	1.95650562	0.99834	0.99000
Acenaphthylene	0.999	1.191	1.260	1.383	1.430	1.446	AVRG		1.28486108	13.381	15.000
Acenaphthene	0.808	0.908	1.095	1.088	1.001	1.028	AVRG		0.98794401	11.243	15.000
Fluorene	0.772	0.898	0.911	0.948	1.003	1.017	AVRG		0.92478099	9.603	15.000
Phenanthrene	0.693	0.708	0.773	0.854	0.914	0.834	AVRG		0.79622562	10.889	15.000
Anthracene	0.837	0.878	0.867	0.890	0.941	0.870	AVRG		0.88070297	3.923	15.000
Fluoranthene	0.531	0.565	0.588	0.645	0.708	0.671	AVRG		0.61804611	10.947	15.000
Pyrene	2.152	2.201	2.242	2.235	2.338	2.247	AVRG		2.23572299	2.746	15.000
Benzo(a)anthracene	852	2624	6005	15437	27163	57180	LINR	0.26551410	1.50649644	0.99001	0.99000
Chrysene	1.902	1.632	1.505	1.519	1.503	1.301	AVRG		1.56028924	12.720	15.000
Benzo(b)fluoranthene	607	2061	4512	12094	21698	34210	LINR	0.15986591	1.06982264	0.99599	0.99000
Benzo(k)fluoranthene	2.220	2.153	2.012	2.132	2.221	2.136	AVRG		2.14579270	3.575	15.000
Benzo(a)pyrene	1.633	1.153	1.135	1.224	1.252	1.203	AVRG		1.26675978	14.589	15.000
Indeno(1,2,3-cd)pyrene	0.738	0.746	0.619	0.836	0.818	0.808	AVRG		0.76078437	10.487	15.000
Dibenzo(a,h)anthracene	801	1662	3287	9806	14683	21582	LINR	-1.21e-002	1.68246976	0.99182	0.99000
Benzo(g,h,i)perylene	1.338	1.350	1.096	1.317	1.222	1.134	AVRG		1.24267156	8.810	15.000
2-Methylnaphthalene-d10	0.541	0.518	0.541	0.548	0.542	0.548	AVRG		0.53971431	2.070	15.000
Fluorene-d10	0.772	0.886	0.904	0.924	0.965	0.944	AVRG		0.89918972	7.602	15.000
Pyrene-d10	3.233	3.354	3.416	3.386	3.614	3.470	AVRG		3.41210655	3.719	15.000

Average %RSD test result.

Calculate Average %RSD: 12.66885567
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: UD149 DFTPP Injection Date: 12/18/05

Instrument ID: GCMS-U DFTPP Injection Time: 1208

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.6 (1.6)1
69	Less than 100.0% of mass 198	40.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	51.9
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.8
365	1.0 - 100.0% of mass 198	2.5
441	0.0 - 100.0% of mass 443	11.9 (79.5)2
442	40.0 - 100.0% of mass 198	77.7
443	17.0 - 23.0% of mass 442	15.0 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U1218	U3084	12/18/05	1228
02	WG23888-BLANK	WG23888-1	U3085	12/18/05	1314
03	WG23888-LCS	WG23888-2	U3086	12/18/05	1359
04	WG23888-LCSD	WG23888-3	U3087	12/18/05	1444
05					
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date: 12/18/05 Time: 1228

Lab File ID: U3084 Init. Calib. Date(s): 11/28/05 11/28/05

Init. Calib. Times: 1114 1458

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.8160000	0.8331000	0.8331000	0.01	2.10	100.00	AVRG	
2-Methylnaphthalene	0.8432300	1.0000000	0.3664400	0.01	-15.68	100.00	LINR	
Acenaphthylene	1.2850000	1.3548000	1.3548000	0.01	5.43	100.00	AVRG	
Acenaphthene	0.9880000	0.9824800	0.9824800	0.01	-0.56	20.00	AVRG	
Fluorene	0.9250000	1.0192000	1.0192000	0.01	10.18	100.00	AVRG	
Phenanthrene	0.7960000	0.8468800	0.8468800	0.01	6.39	100.00	AVRG	
Anthracene	0.8800000	0.9510900	0.9510900	0.01	8.08	100.00	AVRG	
Fluoranthene	0.6180000	0.7706200	0.7706200	0.01	24.70	20.00	AVRG	<-
Pyrene	2.2360000	1.4933000	1.4933000	0.01	-33.22	100.00	AVRG	
Benzo(a)anthracene	1.3332000	1.0000000	0.7440000	0.01	33.32	100.00	LINR	
Chrysene	1.5600000	1.3022000	1.3022000	0.01	-16.53	100.00	AVRG	
Benzo(b)fluoranthene	1.1403000	1.0000000	0.9463100	0.01	14.03	100.00	LINR	
Benzo(k)fluoranthene	2.1460000	1.8826000	1.8826000	0.01	-12.27	100.00	AVRG	
Benzo(a)pyrene	1.2670000	1.1712000	1.1712000	0.01	-7.56	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	0.7610000	0.8682500	0.8682500	0.01	14.09	100.00	AVRG	
Dibenzo(a,h)anthracene	1.2697000	1.0000000	0.7604100	0.01	26.97	100.00	LINR	
Benzo(g,h,i)perylene	1.2430000	0.8917800	0.8917800	0.01	-28.26	100.00	AVRG	
2-Methylnaphthalene-d10	0.5400000	0.5517900	0.5517900	0.01	2.18	100.00	AVRG	
Fluorene-d10	0.8990000	0.9790800	0.9790800	0.01	8.91	100.00	AVRG	
Pyrene-d10	3.4120000	2.2500000	2.2500000	0.01	-34.06	100.00	AVRG	

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 18-DEC-2005 13:14
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23888-1
Client ID: WG23888-Blank
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		48%				
81103-79-9	Fluorene-d10		105%				
1718-52-1	Pyrene-d10		39%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 12/18/05
Report Date: 01/09/2006
Matrix: WATER

Lab ID: WG23888-2 & WG23888-3
Client ID: WG23888-LCS & WG23888-LCSD
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.5	1.6	76	78	2	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	1.8	1.8	88	90	2	30	30-150
Acenaphthylene	2.0	2.0	NA	1.9	1.8	94	92	2	30	30-150
Acenaphthene	2.0	2.0	NA	1.8	1.8	91	92	0.5	30	30-150
Fluorene	2.0	2.0	NA	1.9	1.9	97	97	0.0	30	30-150
Phenanthrene	2.0	2.0	NA	2.0	2.1	101	104	3	30	30-150
Anthracene	2.0	2.0	NA	2.0	2.1	99	103	4	30	30-150
Fluoranthene	2.0	2.0	NA	2.3	2.4	116	121	4	30	30-150
Pyrene	2.0	2.0	NA	1.3	1.3	64	65	2	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	2.3	2.3	115	117	2	30	30-150
Chrysene	2.0	2.0	NA	1.5	1.5	75	75	0.0	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	2.5	2.5	124	125	0.8	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	1.6	1.6	78	78	0.0	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	1.8	1.8	89	91	2	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	2.5	2.5	125	124	1	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	2.2	2.2	112	108	3	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	1.6	1.6	79	80	0.6	30	30-150

FORM III SV-1

U3086.D & U3087.D

FORM 5

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: UD163 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1022

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.3
68	Less than 2.0% of mass 69	0.6 (1.2)1
69	Less than 100.0% of mass 198	45.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.1 (76.0)2
442	40.0 - 100.0% of mass 198	66.0
443	17.0 - 23.0% of mass 442	13.3 (20.2)3

1-Value is % mass 69 2-Value is % mass 443

3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3313	01/06/06	1043
02		SSTD5.00U0106	U3314	01/06/06	1129
03		SSTD3.00U0106	U3315	01/06/06	1213
04		SSTD2.00U0106	U3316	01/06/06	1259
05		SSTD0.50U0106	U3317	01/06/06	1345
06		SSTD0.20U0106	U3318	01/06/06	1431
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date(s): 01/06/06 01/06/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1043 1431

LAB FILE ID: RF0.2: U3318 RF0.5: U3317 RF1: U3313
RF2: U3316 RF3: U3315 RF5: U3314

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.748	0.845	0.888	0.781	0.864	0.790	AVRG		0.81942131		6.646	15.000
2-Methylnaphthalene	2148	8671	25707	39597	76754	111370	LINR	0.13644346	1.83285234		0.99645	0.99000
Acenaphthylene	1.504	1.469	1.559	1.450	1.678	1.629	AVRG		1.54823908		5.864	15.000
Acenaphthene	1.024	0.966	0.997	0.919	1.039	1.010	AVRG		0.99268457		4.401	15.000
Fluorene	1.015	0.958	1.021	0.936	1.112	1.076	AVRG		1.01980715		6.580	15.000
Phenanthrene	0.739	0.830	0.912	0.818	0.998	0.928	AVRG		0.87063587		10.629	15.000
Anthracene	1.019	0.935	0.971	0.939	1.038	1.000	AVRG		0.98376771		4.304	15.000
Fluoranthene	0.767	0.761	0.818	0.724	0.872	0.790	AVRG		0.78867736		6.537	15.000
Pyrene	1.728	1.542	1.412	1.429	1.532	1.513	AVRG		1.52572543		7.391	15.000
Benzo(a)anthracene	1045	4683	17109	17483	43877	60112	2ORDR	5.729e-002	1.50495209	-6.37e-002	0.99143	0.99000
Chrysene	4637	12700	25021	37662	73897	86215	LINR	-9.06e-002	0.82329122		0.99792	0.99000
Benzo(b)fluoranthene	1183	4542	13641	15533	39018	55734	2ORDR	4.196e-002	1.14779931	-4.13e-002	0.99618	0.99000
Benzo(k)fluoranthene	2.089	1.914	1.708	1.889	1.986	1.773	AVRG		1.89320240		7.333	15.000
Benzo(a)pyrene	1.020	1.104	1.158	1.096	1.251	1.231	AVRG		1.14342070		7.673	15.000
Indeno(1,2,3-cd)pyrene	0.934	0.900	0.906	0.985	1.186	1.124	AVRG		1.00583087		12.016	15.000
Dibenzo(a,h)anthracene	0.769	0.664	0.647	0.686	0.843	0.812	AVRG		0.73658082		11.173	15.000
Benzo(g,h,i)perylene	1.304	1.166	0.994	1.111	1.226	1.113	AVRG		1.15255152		9.272	15.000
2-Methylnaphthalene-d10	0.328	0.395	0.409	0.343	0.389	0.354	AVRG		0.36977689		8.816	15.000
Fluorene-d10	0.955	1.129	1.056	0.990	1.156	1.120	AVRG		1.06787588		7.613	15.000
Pyrene-d10	1.481	1.338	1.253	1.255	1.344	1.326	AVRG		1.33297332		6.237	15.000

Average %RSD test result.

Calculate Average %RSD: 9.576690674
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG23888-BLANK	WG23888-1	48	105	39						0
02	WG23888-LCS	WG23888-2	47	114	36						0
03	WG23888-LCSD	WG23888-3	46	106	37						0
04	WG23950-BLANK	WG23950-1	69	86	97						0
05	WG23950-LCS	WG23950-2	73	103	92						0
06	44GW0901MS	WG23950-3	81	100	101						0
07	44GW0901MSD	WG23950-4	60	80	86						0
08	3221GW0501	WV6662-2	82	91	105						0
09	3221GW0801	WV6662-3	92	99	130						0
10	3221GW0701	WV6662-4	85	98	104						0
11	3221GW0901	WV6662-6	85	95	98						0
12	3221GW1001	WV6662-7	95	111	124						0
13	3221GW1001D	WV6662-8	91	99	118						0
14	44GW1101	WV6687-2	76	92	115						0
15	44GW1001	WV6687-3	77	93	100						0
16	3221GW0401	WV6662-1	91	109	113						0
17	44GW1401	WV6687-1	74	90	96						0
18	44GW0901	WV6687-4	81	89	84						0
19	44GW1901	WV6687-5	66	73	68						0
20	44GW1801	WV6687-7	77	96	107						0
21	44GW1301	WV6687-8	80	97	96						0
22	44GW1501	WV6687-9	80	91	90						0
23	44GW1201	WV6687-10	78	93	99						0
24	3221GW0601	WV6687-11	74	95	105						0
25	44GW1501D	WV6687-12	75	95	95						0
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: UD164 DFTPP Injection Date: 01/06/06

Instrument ID: GCMS-U DFTPP Injection Time: 1515

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.8
68	Less than 2.0% of mass 69	0.5 (1.3)1
69	Less than 100.0% of mass 198	42.2
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	55.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	10.9 (78.8)2
442	40.0 - 100.0% of mass 198	73.0
443	17.0 - 23.0% of mass 442	13.9 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0106	U3319	01/06/06	1536
02	WG23950-BLANK	WG23950-1	U3320	01/06/06	1620
03	WG23950-LCS	WG23950-2	U3321	01/06/06	1706
04	44GW0901MS	WG23950-3	U3323	01/06/06	1837
05	44GW0901MSD	WG23950-4	U3324	01/06/06	1924
06	3221GW0501	WV6662-2	U3326	01/06/06	2055
07	3221GW0801	WV6662-3	U3327	01/06/06	2141
08	3221GW0701	WV6662-4	U3328	01/06/06	2226
09	3221GW0901	WV6662-6	U3329	01/06/06	2311
10	3221GW1001	WV6662-7	U3330	01/06/06	2357
11	3221GW1001D	WV6662-8	U3331	01/07/06	0043
12	44GW1101	WV6687-2	U3333	01/07/06	0214
13	44GW1001	WV6687-3	U3334	01/07/06	0300
14					
15					
16					
17					
18					
19					
20					

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date: 01/06/06 Time: 1536

Lab File ID: U3319 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.8691200	0.8691200	0.01	6.12	100.00	AVRG
2-Methylnaphthalene	0.8760500	1.0000000	0.4184100	0.01	-12.40	100.00	LINR
Acenaphthylene	1.5480000	1.5200000	1.5200000	0.01	-1.81	100.00	AVRG
Acenaphthene	0.9920000	0.9943100	0.9943100	0.01	0.23	20.00	AVRG
Fluorene	1.0200000	0.9858000	0.9858000	0.01	-3.35	100.00	AVRG
Phenanthrene	0.8710000	0.8632300	0.8632300	0.01	-0.89	100.00	AVRG
Anthracene	0.9840000	0.9545400	0.9545400	0.01	-2.99	100.00	AVRG
Fluoranthene	0.7890000	0.7149200	0.7149200	0.01	-9.39	20.00	AVRG
Pyrene	1.5260000	1.5071000	1.5071000	0.01	-1.24	100.00	AVRG
Benzo(a)anthracene	0.6700000	0.5539000	0.5539000	0.01	-17.33	100.00	AVRG
Chrysene	1.1205000	1.0000000	1.4490000	0.01	12.05	100.00	LINR
Benzo(b)fluoranthene	0.9220000	0.6738000	0.6738000	0.01	26.92	100.00	AVRG
Benzo(k)fluoranthene	1.8930000	1.9780000	1.9780000	0.01	4.49	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1009000	1.1009000	0.01	-3.68	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.8967600	0.8967600	0.01	-10.86	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.7880100	0.7880100	0.01	6.92	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	1.1448000	1.1448000	0.01	-0.62	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3569400	0.3569400	0.01	-3.53	100.00	AVRG
Fluorene-d10	1.0680000	1.0670000	1.0670000	0.01	-0.09	100.00	AVRG
Pyrene-d10	1.3330000	1.3340000	1.3340000	0.01	0.08	100.00	AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 06-JAN-2006 16:20
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23950-1
Client ID: WG23950-Blank
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		69%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		97%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/16/05
Analysis Date: 01/06/06
Report Date: 01/09/2006
Matrix: WATER

Lab ID: WG23950-2
Client ID: WG23950-LCS
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Naphthalene	2.0	NA	1.7	84	30-150
2-Methylnaphthalene	2.0	NA	2.3	114	30-150
Acenaphthylene	2.0	NA	1.8	91	30-150
Acenaphthene	2.0	NA	1.8	88	30-150
Fluorene	2.0	NA	2.0	99	30-150
Phenanthrene	2.0	NA	2.1	104	30-150
Anthracene	2.0	NA	1.9	94	30-150
Fluoranthene	2.0	NA	1.9	96	30-150
Pyrene	2.0	NA	1.8	88	30-150
Benzo(a)anthracene	2.0	NA	1.8	88	30-150
Chrysene	2.0	NA	2.0	100	30-150
Benzo(b)fluoranthene	2.0	NA	1.8	89	30-150
Benzo(k)fluoranthene	2.0	NA	2.0	102	30-150
Benzo(a)pyrene	2.0	NA	2.0	100	30-150
Indeno(1,2,3-cd)pyrene	2.0	NA	2.0	100	30-150
Dibenzo(a,h)anthracene	2.0	NA	1.9	97	30-150
Benzo(g,h,i)perylene	2.0	NA	2.0	100	30-150

FORM III SV-1

U3321.D

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/16/05
Analysis Date: 01/06/06
Report Date: 01/09/2006
Matrix: WATER

Lab ID: WG23950-3 & WG23950-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23950
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	1.9	2.0	0.00	1.5	1.5	79	78	1	30	30-150
2-Methylnaphthalene	1.9	2.0	0.00	2.2	1.9	116	95	17	30	30-150
Acenaphthylene	1.9	2.0	0.00	1.7	1.4	91	73	20	30	30-150
Acenaphthene	1.9	2.0	0.00	1.6	1.4	86	69	19	30	30-150
Fluorene	1.9	2.0	0.00	1.8	1.5	96	78	18	30	30-150
Phenanthrene	1.9	2.0	0.00	1.8	1.6	96	79	16	30	30-150
Anthracene	1.9	2.0	0.00	1.7	1.5	90	74	16	30	30-150
Fluoranthene	1.9	2.0	0.00	1.9	1.6	100	83	16	30	30-150
Pyrene	1.9	2.0	0.00	2.1	1.8	109	90	17	30	30-150
Benzo(a)anthracene	1.9	2.0	0.00	2.0	1.8	106	92	10	30	30-150
Chrysene	1.9	2.0	0.00	1.8	1.7	92	88	1	30	30-150
Benzo(b)fluoranthene	1.9	2.0	0.00	2.3	2.2	122	110	8	30	30-150
Benzo(k)fluoranthene	1.9	2.0	0.00	1.9	1.8	99	94	2	30	30-150
Benzo(a)pyrene	1.9	2.0	0.00	2.0	1.8	105	91	11	30	30-150
Indeno(1,2,3-cd)pyrene	1.9	2.0	0.00	1.5	1.4	80	69	12	30	30-150
Dibenzo(a,h)anthracene	1.9	2.0	0.00	1.8	1.4	94	71	24	30	30-150
Benzo(g,h,i)perylene	1.9	2.0	0.00	1.4	1.1	72	55	24	30	30-150

FORM III SV-1
U3323.D & U3324.D

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Lab File ID: UD165 DFTPP Injection Date: 01/07/06

Instrument ID: GCMS-U DFTPP Injection Time: 0857

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	39.0
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	41.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	20.0
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	10.4 (76.1)2
442	40.0 - 100.0% of mass 198	69.6
443	17.0 - 23.0% of mass 442	13.7 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0107	U3337	01/07/06	0916
02	3221GW0401	WV6662-1	U3341	01/07/06	1219
03	44GW1401	WV6687-1	U3342	01/07/06	1304
04	44GW0901	WV6687-4	U3343	01/07/06	1349
05	44GW1901	WV6687-5	U3344	01/07/06	1436
06	44GW1801	WV6687-7	U3345	01/07/06	1520
07	44GW1301	WV6687-8	U3346	01/07/06	1606
08	44GW1501	WV6687-9	U3347	01/07/06	1651
09	44GW1201	WV6687-10	U3348	01/07/06	1736
10	3221GW0601	WV6687-11	U3349	01/07/06	1822
11	44GW1501D	WV6687-12	U3350	01/07/06	1907
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date: 01/07/06 Time: 0916

Lab File ID: U3337 Init. Calib. Date(s): 01/06/06 01/06/06

Init. Calib. Times: 1043 1431

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8190000	0.9453700	0.9453700	0.01	15.43	100.00	AVRG
2-Methylnaphthalene	0.9664400	1.0000000	0.4677300	0.01	-3.36	100.00	LINR
Acenaphthylene	1.5480000	1.4652000	1.4652000	0.01	-5.35	100.00	AVRG
Acenaphthene	0.9920000	0.9406900	0.9406900	0.01	-5.17	20.00	AVRG
Fluorene	1.0200000	1.0013000	1.0013000	0.01	-1.83	100.00	AVRG
Phenanthrene	0.8710000	0.8490500	0.8490500	0.01	-2.52	100.00	AVRG
Anthracene	0.9840000	0.9094300	0.9094300	0.01	-7.58	100.00	AVRG
Fluoranthene	0.7890000	0.7739700	0.7739700	0.01	-1.90	20.00	AVRG
Pyrene	1.5260000	1.2870000	1.2870000	0.01	-15.66	100.00	AVRG
Benzo(a)anthracene	1.0469000	1.0000000	0.6904000	0.01	4.69	100.00	2RDR
Chrysene	0.9266600	1.0000000	1.2136000	0.01	-7.33	100.00	LINR
Benzo(b)fluoranthene	0.8894900	1.0000000	0.7725300	0.01	-11.05	100.00	2RDR
Benzo(k)fluoranthene	1.8930000	1.9156000	1.9156000	0.01	1.19	100.00	AVRG
Benzo(a)pyrene	1.1430000	1.1170000	1.1170000	0.01	-2.27	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.0060000	0.5956600	0.5956600	0.01	-40.79	100.00	AVRG
Dibenzo(a,h)anthracene	0.7370000	0.5447200	0.5447200	0.01	-26.09	100.00	AVRG
Benzo(g,h,i)perylene	1.1520000	0.7331700	0.7331700	0.01	-36.36	100.00	AVRG
2-Methylnaphthalene-d10	0.3700000	0.3623700	0.3623700	0.01	-2.06	100.00	AVRG
Fluorene-d10	1.0680000	1.0119000	1.0119000	0.01	-5.25	100.00	AVRG
Pyrene-d10	1.3330000	1.1355000	1.1355000	0.01	-14.82	100.00	AVRG

X-VALUE	Y-VALUE	CORREL	SLOPE
0.2	2148	0.992649	23156.08
0.5	8671	Y-INTERC	
1	25707	-1113.19	
2	39597		
3	76754		
5	1.11E+05		

0.292285765	5655

2-methyl naphthalene

~~IC 5/17/05~~

3221GW0501

$$\frac{(0.2923\ \mu g/mL) \times 1\ mL}{1.04\ L} = 0.281$$

2-20-06
JAD

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/13/05
Received Date: 12/14/05
Extraction Date: 12/15/05
Analysis Date: 06-JAN-2006 20:55
Report Date: 01/09/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6662-2
Client ID: 3221GW0501
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG23888
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.07	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene		0.3	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		82%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		105%				

Data File: \\Target_server\GG\chem\gcms-u.i\U010606B.b\U3326.D
Report Date: 09-Jan-2006 14:27

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-u.i\U010606B.b\U3326.D
Lab Smp Id: WV6662-2 Client Smp ID: 3221GW0501
Inj Date : 06-JAN-2006 20:55 MS Autotune Date: 12-SEP-2005 11:35
Operator : JCG Inst ID: gcms-u.i
Smp Info : WV6662-2
Misc Info : SW846 M8270C
Comment :
Method : \\Target_server\GG\chem\gcms-u.i\U010606B.b\usim033.m
Meth Date : 07-Jan-2006 08:50 cgomez Quant Type: ISTD
Cal Date : 06-JAN-2006 14:31 Cal File: U3318.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: SW8270SIM.sub
Target Version: 4.12
Processing Host: TARGET06

Concentration Formula: Amt * DF * Vt/Vo * 1000 * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.040	Volume of sample extracted (L)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
*	1 1,4-Dichlorobenzene-D4	152	9.111	9.203	(1.000)	10190	0.80000	
*	4 Naphthalene-D8	136	11.973	12.040	(1.000)	42002	0.80000	
	5 Naphthalene	128	12.031	12.089	(1.005)	3154	0.07331	0.0705(aQH)
$	6 2-Methylnaphthalene-d10	150	13.602	13.660	(1.136)	31972	1.64683	1.58
	7 2-Methylnaphthalene	142	13.683	13.729	(1.143)	5655	0.30657	0.295
*	11 Acenaphthene-D10	164	16.129	16.144	(1.000)	19995	0.80000	
$	13 Fluorene-d10	176	17.373	17.407	(1.077)	48841	1.82992	1.76
*	18 Phenanthrene-D10	188	19.692	19.692	(1.000)	28895	0.80000	
$	24 Pyrene-d10	212	23.050	23.088	(0.884)	52823	2.10339	2.02
*	27 Chrysene-D12	240	26.061	26.063	(1.000)	15072	0.80000	
*	33 Perylene-D12	264	29.248	29.248	(1.000)	5786	0.80000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GCMS-U Calibration Date(s): 01/06/06 01/06/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1043 1431

LAB FILE ID: RF0.2: U3318 RF0.5: U3317 RF1: U3313
RF2: U3316 RF3: U3315 RF5: U3314

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.748	0.845	0.888	0.781	0.864	0.790	AVRG		0.81942131		6.646	15.000
2-Methylnaphthalene	2148	8671	25707	39597	76754	111370	LINR	0.13644346	1.83285234		0.99645	0.99000
Acenaphthylene	1.504	1.469	1.559	1.450	1.678	1.629	AVRG		1.54823908		5.864	15.000
Acenaphthene	1.024	0.966	0.997	0.919	1.039	1.010	AVRG		0.99268457		4.401	15.000
Fluorene	1.015	0.958	1.021	0.936	1.112	1.076	AVRG		1.01980715		6.580	15.000
Phenanthrene	0.739	0.830	0.912	0.818	0.998	0.928	AVRG		0.87063587		10.629	15.000
Anthracene	1.019	0.935	0.971	0.939	1.038	1.000	AVRG		0.98376771		4.304	15.000
Fluoranthene	0.767	0.761	0.818	0.724	0.872	0.790	AVRG		0.78867736		6.537	15.000
Pyrene	1.728	1.542	1.412	1.429	1.532	1.513	AVRG		1.52572543		7.391	15.000
Benzo(a)anthracene	1045	4683	17109	17483	43877	60112	2ORDR	5.729e-002	1.50495209	-6.37e-002	0.99143	0.99000
Chrysene	4637	12700	25021	37662	73897	86215	LINR	-9.06e-002	0.82329122		0.99792	0.99000
Benzo(b)fluoranthene	1183	4542	13641	15533	39018	55734	2ORDR	4.196e-002	1.14779931	-4.13e-002	0.99618	0.99000
Benzo(k)fluoranthene	2.089	1.914	1.708	1.889	1.986	1.773	AVRG		1.89320240		7.333	15.000
Benzo(a)pyrene	1.020	1.104	1.158	1.096	1.251	1.231	AVRG		1.14342070		7.673	15.000
Indeno(1,2,3-cd)pyrene	0.934	0.900	0.906	0.985	1.186	1.124	AVRG		1.00583087		12.016	15.000
Dibenzo(a,h)anthracene	0.769	0.664	0.647	0.686	0.843	0.812	AVRG		0.73658082		11.173	15.000
Benzo(g,h,i)perylene	1.304	1.166	0.994	1.111	1.226	1.113	AVRG		1.15255152		9.272	15.000
2-Methylnaphthalene-d10	0.328	0.395	0.409	0.343	0.389	0.354	AVRG		0.36977689		8.816	15.000
Fluorene-d10	0.955	1.129	1.056	0.990	1.156	1.120	AVRG		1.06787588		7.613	15.000
Pyrene-d10	1.481	1.338	1.253	1.255	1.344	1.326	AVRG		1.33297332		6.237	15.000

Average %RSD test result.

Calculate Average %RSD: 9.576690674
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	13.69	2.57
03		INDAB 0.005P	01/04/06	1817	13.67	2.56
04		INDAB 0.01PP	01/04/06	1845	13.67	2.56
05		INDAB 0.025P	01/04/06	1912	13.67	2.56
06		INDAB 0.1PPM	01/04/06	1940	13.67	2.56
07		INDAB 0.25PP	01/04/06	2007	13.65	2.56
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	13.65	2.56
12	WG23925-BLAN	WG23925-1	01/05/06	2222	13.65	2.56
13	WG23925-LCS	WG23925-2	01/05/06	2250	13.65	2.56
14	WG23925-LCSD	WG23925-3	01/05/06	2317	13.65	2.56
15		INDAB 0.025P	01/06/06	0519	13.65	2.56
16		EVAL	01/06/06	1244		
17		INDAB 0.05	01/06/06	1315	13.67	2.56
18	3221GW0501	WV6662-2	01/06/06	1612	13.68	2.56
19		EVAL	01/09/06	1012		
20		INDAB 0.05	01/09/06	1043	13.65	2.56

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	3221GW0401	WV6662-1	01/09/06	1207	13.65	2.56
02	3221GW0801	WV6662-3	01/09/06	1235	13.65	2.56
03	3221GW0701	WV6662-4	01/09/06	1302	13.65	2.56
04	3221GW0901	WV6662-6	01/09/06	1330	13.65	2.56
05	3221GW1001	WV6662-7	01/09/06	1357	13.65	2.56
06	3221GW1001D	WV6662-8	01/09/06	1425	13.65	2.56
07	44GW1401	WV6687-1	01/09/06	1452	13.65	2.56
08	44GW1101	WV6687-2	01/09/06	1520	13.65	2.56
09	44GW1001	WV6687-3	01/09/06	1548	13.65	2.56
10	44GW0901	WV6687-4	01/09/06	1615	13.65	2.56
11	44GW1901	WV6687-5	01/09/06	1643	13.65	2.56
12	44GW1801	WV6687-7	01/09/06	1710	13.65	2.56
13	44GW1301	WV6687-8	01/09/06	1738	13.65	2.56
14		INDAB 0.025	01/09/06	2118	13.65	2.56
15		EVAL	01/10/06	0944		
16		INDAB 0.05	01/10/06	1115	13.67	2.56
17	WG23985-BLAN	WG23985-1	01/10/06	1145	13.65	2.56
18	WG23985-LCS	WG23985-2	01/10/06	1213	13.64	2.55
19	44GW1501	WV6687-9	01/10/06	1240	13.65	2.55
20	44GW1201	WV6687-10	01/10/06	1308	13.64	2.55

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	3221GW0601	WV6687-11	01/10/06	1335	13.64	2.55
02	44GW1501D	WV6687-12	01/10/06	1403	13.64	2.55
03	44GW0901MS	WG23985-3	01/10/06	1905	13.64	2.55
04	44GW0901MSD	WG23985-4	01/10/06	1932	13.64	2.55
05		INDAB 0.025P	01/10/06	2150	13.64	2.55
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	19.21	3.33
03		INDAB 0.005P	01/04/06	1817	19.20	3.33
04		INDAB 0.01PP	01/04/06	1845	19.20	3.33
05		INDAB 0.025P	01/04/06	1912	19.20	3.33
06		INDAB 0.1PPM	01/04/06	1940	19.20	3.33
07		INDAB 0.25PP	01/04/06	2007	19.20	3.33
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	19.20	3.33
12	WG23925-BLAN	WG23925-1	01/05/06	2222	19.19	3.33
13	WG23925-LCS	WG23925-2	01/05/06	2250	19.19	3.33
14	WG23925-LCSD	WG23925-3	01/05/06	2317	19.19	3.33
15		INDAB 0.025P	01/06/06	0519	19.19	3.33
16		EVAL	01/06/06	1244		
17		INDAB 0.05	01/06/06	1315	19.19	3.32
18	3221GW0501	WV6662-2	01/06/06	1612	19.20	3.33
19		EVAL	01/09/06	1012		
20		INDAB 0.05	01/09/06	1043	19.19	3.33

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	3221GW0401	WV6662-1	01/09/06	1207	19.19	3.33
02	3221GW0801	WV6662-3	01/09/06	1235	19.19	3.33
03	3221GW0701	WV6662-4	01/09/06	1302	19.19	3.33
04	3221GW0901	WV6662-6	01/09/06	1330	19.19	3.33
05	3221GW1001	WV6662-7	01/09/06	1357	19.19	3.33
06	3221GW1001D	WV6662-8	01/09/06	1425	19.19	3.33
07	44GW1401	WV6687-1	01/09/06	1452	19.19	3.33
08	44GW1101	WV6687-2	01/09/06	1520	19.19	3.33
09	44GW1001	WV6687-3	01/09/06	1548	19.19	3.33
10	44GW0901	WV6687-4	01/09/06	1615	19.19	3.33
11	44GW1901	WV6687-5	01/09/06	1643	19.19	3.33
12	44GW1801	WV6687-7	01/09/06	1710	19.19	3.33
13	44GW1301	WV6687-8	01/09/06	1738	19.19	3.32
14		INDAB 0.025	01/09/06	2118	19.19	3.33
15		EVAL	01/10/06	0944		
16		INDAB 0.05	01/10/06	1115	19.19	3.32
17	WG23985-BLAN	WG23985-1	01/10/06	1145	19.19	3.32
18	WG23985-LCS	WG23985-2	01/10/06	1213	19.19	3.32
19	44GW1501	WV6687-9	01/10/06	1240	19.19	3.32
20	44GW1201	WV6687-10	01/10/06	1308	19.19	3.32

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	3221GW0601	WV6687-11	01/10/06	1335	19.19	3.32
02	44GW1501D	WV6687-12	01/10/06	1403	19.19	3.32
03	44GW0901MS	WG23985-3	01/10/06	1905	19.19	3.32
04	44GW0901MSD	WG23985-4	01/10/06	1932	19.19	3.32
05		INDAB 0.025	01/10/06	2150	19.19	3.32
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1024 RF0.1: 8WA1028 RF0.25: 8WA1029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	22228	43609	106520	198360	353540	744480	2ORDR	-4.48e-004	2.309e-007	1.42e-013	0.99994	0.99000
alpha-BHC	29785	59541	146500	286840	489990	974730	2ORDR	4.38e-004	1.461e-007	1.129e-013	0.99991	0.99000
gamma BHC	27377	53464	132440	254060	433680	928760	2ORDR	-6.39e-004	1.878e-007	8.872e-014	0.99968	0.99000
beta-BHC	14139	26333	62794	118040	204540	450470	2ORDR	-1.28e-003	4.195e-007	3.086e-013	0.99966	0.99000
delta-BHC	25068	49515	123130	259860	412230	871120	2ORDR	-7.64e-005	1.832e-007	1.198e-013	0.99895	0.99000
Heptachlor	28634	54102	126990	254970	409720	845710	2ORDR	-5.01e-004	1.806e-007	1.373e-013	0.99932	0.99000
Aldrin	23776	46708	115630	216100	388600	825670	2ORDR	-3.8e-004	2.135e-007	1.089e-013	0.99995	0.99000
Heptachlor Epoxide	23098	44284	105730	190900	346620	733060	2ORDR	-7.68e-004	2.404e-007	1.39e-013	0.99994	0.99000
gamma-Chlordane	21464	40946	98213	186410	327700	700530	2ORDR	-6.93e-004	2.533e-007	1.498e-013	0.99986	0.99000
alpha-Chlordane	22006	41787	99296	179380	325660	695420	2ORDR	-9.14e-004	2.595e-007	1.46e-013	0.99993	0.99000
4,4'-DDE	19742	39083	98208	189840	334420	710690	2ORDR	-1.73e-004	2.447e-007	1.513e-013	0.99989	0.99000
4,4'-DDT	14319	28507	72534	145080	256630	560630	2ORDR	-6.41e-005	3.306e-007	2.065e-013	0.99983	0.99000
Dieldrin	19012	37351	93069	181880	318470	688250	2ORDR	-3.49e-004	2.623e-007	1.479e-013	0.99982	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	18043	35093	87904	169620	299980	630470	2ORDR	-8.07e-005	2.693e-007	2.024e-013	0.99993	0.99000
4,4'-DDD	13256	26511	67396	140410	241630	539780	2ORDR	-1.21e-004	3.548e-007	2.021e-013	0.99956	0.99000
Endosulfan II	16755	32663	79485	150100	267950	577520	2ORDR	-5.94e-004	3.151e-007	2.063e-013	0.99990	0.99000
Endrin Aldehyde	13434	25164	61674	110070	209470	458740	2ORDR	-7.28e-004	4.244e-007	2.665e-013	0.99993	0.99000
Methoxychlor	7530	15128	36444	73102	122470	271200	2ORDR	-7.98e-004	6.874e-007	8.805e-013	0.99937	0.99000
Endosulfan sulfate	11936	23987	58837	117820	203380	458370	2ORDR	-6.74e-004	4.287e-007	2.593e-013	0.99957	0.99000
Endrin Ketone	13188	26539	65967	129890	224140	492680	2ORDR	-5.3e-004	3.775e-007	2.67e-013	0.99966	0.99000
Tetrachloro-m-Xylene	22732	42424	99257	194320	317880	684410	2ORDR	-1.17e-003	2.532e-007	1.672e-013	0.99927	0.99000
Decachlorobiphenyl	12701	23487	52993	90650	161710	345440	2ORDR	-1.91e-003	5.222e-007	6.017e-013	0.99972	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15334	29837	77219	155080	283880	639850	2ORDR	6.285e-006	3.144e-007	1.196e-013	0.99991	0.99000
alpha-BHC	18107	38987	111430	238050	427390	949290	2ORDR	9.921e-004	2.008e-007	6.495e-014	0.99977	0.99000
gamma BHC	16760	34979	97750	209390	373210	830890	2ORDR	8.233e-004	2.303e-007	8.396e-014	0.99974	0.99000
beta-BHC	9796	19189	49374	97108	177360	400550	2ORDR	-2.21e-004	5.045e-007	3.011e-013	0.99990	0.99000
delta-BHC	16442	33551	96862	195140	380300	862200	2ORDR	1.019e-003	2.393e-007	5.731e-014	0.99996	0.99000
Heptachlor	21077	40921	105800	200330	382770	853990	2ORDR	-3.73e-005	2.354e-007	6.722e-014	0.99999	0.99000
Aldrin	16097	32173	87330	182580	334340	773120	2ORDR	3.817e-004	2.718e-007	6.624e-014	0.99984	0.99000
Heptachlor Epoxide	16398	32426	84321	167800	312030	698480	2ORDR	1.643e-004	2.857e-007	1.032e-013	0.99996	0.99000
gamma-Chlordane	15786	30938	81055	159700	301740	681550	2ORDR	1.647e-004	3.001e-007	9.76e-014	0.99998	0.99000
alpha-Chlordane	16485	31967	81491	155650	298610	674670	2ORDR	-9.49e-005	3.064e-007	9.54e-014	0.99999	0.99000
4,4'-DDE	15081	29491	76269	155380	285630	660870	2ORDR	-3.61e-005	3.208e-007	8.738e-014	0.99988	0.99000
4,4'-DDT	8527	17140	48439	103390	199320	474480	2ORDR	9.505e-004	4.739e-007	1.076e-013	0.99992	0.99000
Dieldrin	13151	26487	71420	142650	283720	661730	2ORDR	6.689e-004	3.331e-007	6.59e-014	0.99998	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	11396	23300	64987	128290	258220	599870	2ORDR	8.637e-004	3.653e-007	8.318e-014	0.99995	0.99000
4,4'-DDD	7788	16439	46008	94988	194300	466270	2ORDR	1.217e-003	4.981e-007	7.549e-014	0.99992	0.99000
Endosulfan II	10873	21774	58392	113060	221550	508240	2ORDR	3.636e-004	4.195e-007	1.409e-013	0.99999	0.99000
Endrin Aldehyde	9247	18053	44919	89341	165660	391080	2ORDR	-4.88e-004	5.674e-007	1.878e-013	0.99989	0.99000
Methoxychlor	4968	10128	24906	51930	94374	217260	2ORDR	-4.83e-005	9.631e-007	8.678e-013	0.99984	0.99000
Endosulfan sulfate	8931	17746	45840	94430	175300	409980	2ORDR	8.423e-005	5.291e-007	1.97e-013	0.99990	0.99000
Endrin Ketone	8488	17292	46261	97504	180930	419920	2ORDR	5.005e-004	5.066e-007	2.09e-013	0.99988	0.99000
Tetrachloro-m-Xylene	15963	30767	75773	153370	257720	564430	2ORDR	-5.58e-004	3.224e-007	2.164e-013	0.99946	0.99000
Decachlorobiphenyl	12854	25399	57905	106950	187600	405430	2ORDR	-1.27e-003	4.505e-007	4.192e-013	0.99978	0.99000

FORM VI SV

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1010.d	1.65	1.05

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2010.d	1.23	0.47

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA1017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	4.88e-002	5.e-002	3814400.0	0.01	-2.40	15.00	2RDR
gamma BHC	4.73e-002	5.e-002	4605900.0	0.01	-5.40	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	2165300.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.96e-002	5.e-002	4697800.0	0.01	-0.80	15.00	2RDR
Heptachlor	4.74e-002	5.e-002	4528900.0	0.01	-5.20	15.00	2RDR
Aldrin	4.82e-002	5.e-002	4121000.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	4.86e-002	5.e-002	3707000.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	5.03e-002	5.e-002	3633100.0	0.01	0.60	15.00	2RDR
alpha-Chlordane	4.96e-002	5.e-002	3541600.0	0.01	-0.80	15.00	2RDR
4,4'-DDE	4.84e-002	5.e-002	3571300.0	0.01	-3.20	15.00	2RDR
alpha-BHC	4.64e-002	5.e-002	5230400.0	0.01	-7.20	15.00	2RDR
Dieldrin	4.69e-002	5.e-002	3297900.0	0.01	-6.20	15.00	2RDR
Endrin	4.9e-002	5.e-002	3246000.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	4.67e-002	5.e-002	2465700.0	0.01	-6.60	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2845200.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.79e-002	5.e-002	2676600.0	0.01	-4.20	15.00	2RDR
Endrin Aldehyde	5.2e-002	5.e-002	2315700.0	0.01	4.00	15.00	2RDR
Methoxychlor	4.82e-002	5.e-002	1315900.0	0.01	-3.60	15.00	2RDR
Endosulfan sulfate	4.81e-002	5.e-002	2139000.0	0.01	-3.80	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	2494000.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA2017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.71e-002	5.e-002	2828500.0	0.01	-5.80	15.00	2RDR
gamma BHC	4.81e-002	5.e-002	3835800.0	0.01	-3.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1804700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.93e-002	5.e-002	3860400.0	0.01	-1.40	15.00	2RDR
Heptachlor	4.72e-002	5.e-002	3803700.0	0.01	-5.60	15.00	2RDR
Aldrin	4.71e-002	5.e-002	3306100.0	0.01	-5.80	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3143400.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.88e-002	5.e-002	3088800.0	0.01	-2.40	15.00	2RDR
alpha-Chlordane	4.82e-002	5.e-002	3009400.0	0.01	-3.60	15.00	2RDR
Endosulfan I	4.8e-002	5.e-002	2895700.0	0.01	-4.00	15.00	2RDR
alpha-BHC	4.68e-002	5.e-002	4264900.0	0.01	-6.40	15.00	2RDR
Dieldrin	4.71e-002	5.e-002	2715000.0	0.01	-5.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	2538800.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.7e-002	5.e-002	1812300.0	0.01	-6.00	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2207600.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.68e-002	5.e-002	1893800.0	0.01	-6.40	15.00	2RDR
Endrin Aldehyde	5.05e-002	5.e-002	1747400.0	0.01	1.00	15.00	2RDR
Endosulfan sulfate	4.75e-002	5.e-002	1736500.0	0.01	-5.00	15.00	2RDR
Methoxychlor	4.84e-002	5.e-002	964940.00	0.01	-3.20	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1905500.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA2017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.71e-002	5.e-002	2828500.0	0.01	-5.80	15.00	2RDR
gamma BHC	4.81e-002	5.e-002	3835800.0	0.01	-3.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1804700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.93e-002	5.e-002	3860400.0	0.01	-1.40	15.00	2RDR
Heptachlor	4.72e-002	5.e-002	3803700.0	0.01	-5.60	15.00	2RDR
Aldrin	4.71e-002	5.e-002	3306100.0	0.01	-5.80	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3143400.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.88e-002	5.e-002	3088800.0	0.01	-2.40	15.00	2RDR
alpha-Chlordane	4.82e-002	5.e-002	3009400.0	0.01	-3.60	15.00	2RDR
Endosulfan I	4.8e-002	5.e-002	2895700.0	0.01	-4.00	15.00	2RDR
alpha-BHC	4.68e-002	5.e-002	4264900.0	0.01	-6.40	15.00	2RDR
Dieldrin	4.71e-002	5.e-002	2715000.0	0.01	-5.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	2538800.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.7e-002	5.e-002	1812300.0	0.01	-6.00	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2207600.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.68e-002	5.e-002	1893800.0	0.01	-6.40	15.00	2RDR
Endrin Aldehyde	5.05e-002	5.e-002	1747400.0	0.01	1.00	15.00	2RDR
Endosulfan sulfate	4.75e-002	5.e-002	1736500.0	0.01	-5.00	15.00	2RDR
Methoxychlor	4.84e-002	5.e-002	964940.00	0.01	-3.20	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1905500.0	0.01	1.40	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/05/06
Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1055.d	2.75	1.48

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/05/06
Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2055.d	2.00	1.15

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA1057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.56e-002	5.e-002	6107600.0	0.01	11.20	15.00	2RDR	
gamma BHC	5.48e-002	5.e-002	5249000.0	0.01	9.60	15.00	2RDR	
Heptachlor	5.72e-002	5.e-002	5316700.0	0.01	14.40	15.00	2RDR	
beta-BHC	5.47e-002	5.e-002	2450000.0	0.01	9.40	15.00	2RDR	
Aldrin	5.57e-002	5.e-002	4689200.0	0.01	11.40	15.00	2RDR	
delta-BHC	5.43e-002	5.e-002	5085200.0	0.01	8.60	15.00	2RDR	
Heptachlor Epoxide	5.54e-002	5.e-002	4167900.0	0.01	10.80	15.00	2RDR	
Endosulfan I	5.42e-002	5.e-002	4191800.0	0.01	8.40	15.00	2RDR	
4,4'-DDE	5.42e-002	5.e-002	3960700.0	0.01	8.40	15.00	2RDR	
Dieldrin	5.24e-002	5.e-002	3648700.0	0.01	4.80	15.00	2RDR	
Endrin	5.31e-002	5.e-002	3489000.0	0.01	6.20	15.00	2RDR	
4,4'-DDD	5.25e-002	5.e-002	2750500.0	0.01	5.00	15.00	2RDR	
Endosulfan II	5.26e-002	5.e-002	3068500.0	0.01	5.20	15.00	2RDR	
4,4'-DDT	5.e-002	5.e-002	2785800.0	0.01	0.00	15.00	2RDR	
Endrin Aldehyde	5.23e-002	5.e-002	2328600.0	0.01	4.60	15.00	2RDR	
Endosulfan sulfate	4.84e-002	5.e-002	2148700.0	0.01	-3.20	15.00	2RDR	
Methoxychlor	4.92e-002	5.e-002	1340600.0	0.01	-1.60	15.00	2RDR	
alpha-Chlordane	5.56e-002	5.e-002	3922700.0	0.01	11.20	15.00	2RDR	
gamma-Chlordane	5.56e-002	5.e-002	3978900.0	0.01	11.20	15.00	2RDR	
Endrin Ketone	5.06e-002	5.e-002	2491600.0	0.01	1.20	15.00	2RDR	
Tetrachloro-m-Xylene	6.29e-002	5.e-002	4415100.0	0.01	25.80	15.00	2RDR	<-
Decachlorobiphenyl	5.39e-002	5.e-002	1925000.0	0.01	7.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA2057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.65e-002	5.e-002	5109600.0	0.01	13.00	15.00	2RDR	
gamma BHC	5.45e-002	5.e-002	4319500.0	0.01	9.00	15.00	2RDR	
Heptachlor	5.64e-002	5.e-002	4507500.0	0.01	12.80	15.00	2RDR	
beta-BHC	5.54e-002	5.e-002	2077100.0	0.01	10.80	15.00	2RDR	
Aldrin	5.47e-002	5.e-002	3822000.0	0.01	9.40	15.00	2RDR	
delta-BHC	5.14e-002	5.e-002	4019200.0	0.01	2.80	15.00	2RDR	
Heptachlor Epoxide	5.17e-002	5.e-002	3399600.0	0.01	3.40	15.00	2RDR	
Endosulfan I	5.24e-002	5.e-002	3143700.0	0.01	4.80	15.00	2RDR	
4,4'-DDE	5.48e-002	5.e-002	3271800.0	0.01	9.60	15.00	2RDR	
Dieldrin	5.49e-002	5.e-002	3158300.0	0.01	9.80	15.00	2RDR	
Endrin	5.33e-002	5.e-002	2782400.0	0.01	6.60	15.00	2RDR	
4,4'-DDD	5.39e-002	5.e-002	2082200.0	0.01	7.80	15.00	2RDR	
Endosulfan II	5.3e-002	5.e-002	2410400.0	0.01	6.00	15.00	2RDR	
4,4'-DDT	5.11e-002	5.e-002	2069400.0	0.01	2.20	15.00	2RDR	
Endrin Aldehyde	5.35e-002	5.e-002	1845500.0	0.01	7.00	15.00	2RDR	
Endosulfan sulfate	5.02e-002	5.e-002	1832600.0	0.01	0.40	15.00	2RDR	
Methoxychlor	5.34e-002	5.e-002	1059100.0	0.01	6.80	15.00	2RDR	
alpha-Chlordane	5.37e-002	5.e-002	3338700.0	0.01	7.40	15.00	2RDR	
gamma-Chlordane	5.22e-002	5.e-002	3292100.0	0.01	4.40	15.00	2RDR	
Endrin Ketone	5.1e-002	5.e-002	1916300.0	0.01	2.00	15.00	2RDR	
Tetrachloro-m-Xylene	5.76e-002	5.e-002	3251700.0	0.01	15.20	15.00	2RDR	<-
Decachlorobiphenyl	4.89e-002	5.e-002	2034900.0	0.01	-2.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 0519

Lab File ID: 8WA1080 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.81e-002	2.5e-002	6714600.0	0.01	12.40	15.00	2RDR	
gamma BHC	2.73e-002	2.5e-002	5579100.0	0.01	9.20	15.00	2RDR	
Heptachlor	2.58e-002	2.5e-002	5285200.0	0.01	3.20	15.00	2RDR	
beta-BHC	2.72e-002	2.5e-002	2592900.0	0.01	8.80	15.00	2RDR	
Aldrin	2.6e-002	2.5e-002	4671600.0	0.01	4.00	15.00	2RDR	
delta-BHC	2.63e-002	2.5e-002	5301400.0	0.01	5.20	15.00	2RDR	
Heptachlor Epoxide	2.44e-002	2.5e-002	3968600.0	0.01	-2.40	15.00	2RDR	
Endosulfan I	2.34e-002	2.5e-002	3904200.0	0.01	-6.40	15.00	2RDR	
4,4'-DDE	2.26e-002	2.5e-002	3524400.0	0.01	-9.60	15.00	2RDR	
Dieldrin	2.29e-002	2.5e-002	3388800.0	0.01	-8.40	15.00	2RDR	
Endrin	2.11e-002	2.5e-002	2983400.0	0.01	-15.60	15.00	2RDR	<-
4,4'-DDD	2.2e-002	2.5e-002	2414200.0	0.01	-12.00	15.00	2RDR	
Endosulfan II	2.16e-002	2.5e-002	2696200.0	0.01	-13.60	15.00	2RDR	
4,4'-DDT	1.68e-002	2.5e-002	1977800.0	0.01	-32.80	15.00	2RDR	<-
Endrin Aldehyde	2.05e-002	2.5e-002	1944900.0	0.01	-18.00	15.00	2RDR	<-
Endosulfan sulfate	2.08e-002	2.5e-002	1943800.0	0.01	-16.80	15.00	2RDR	<-
Methoxychlor	1.89e-002	2.5e-002	1108000.0	0.01	-24.40	15.00	2RDR	<-
alpha-Chlordane	2.36e-002	2.5e-002	3593900.0	0.01	-5.60	15.00	2RDR	
gamma-Chlordane	2.35e-002	2.5e-002	3628000.0	0.01	-6.00	15.00	2RDR	
Endrin Ketone	2.19e-002	2.5e-002	2286300.0	0.01	-12.40	15.00	2RDR	
Tetrachloro-m-Xylene	3.13e-002	2.5e-002	4753700.0	0.01	25.20	15.00	2RDR	<-
Decachlorobiphenyl	2.13e-002	2.5e-002	1697400.0	0.01	-14.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 0519

Lab File ID: 8WA2080 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.64e-002	2.5e-002	4872500.0	0.01	5.60	15.00	2RDR	
gamma BHC	2.52e-002	2.5e-002	4087500.0	0.01	0.80	15.00	2RDR	
Heptachlor	2.57e-002	2.5e-002	4243000.0	0.01	2.80	15.00	2RDR	
beta-BHC	2.56e-002	2.5e-002	1987600.0	0.01	2.40	15.00	2RDR	
Aldrin	2.53e-002	2.5e-002	3581700.0	0.01	1.20	15.00	2RDR	
delta-BHC	2.41e-002	2.5e-002	3773500.0	0.01	-3.60	15.00	2RDR	
Heptachlor Epoxide	2.4e-002	2.5e-002	3246100.0	0.01	-4.00	15.00	2RDR	
Endosulfan I	2.4e-002	2.5e-002	2967700.0	0.01	-4.00	15.00	2RDR	
4,4'-DDE	2.56e-002	2.5e-002	3129500.0	0.01	2.40	15.00	2RDR	
Dieldrin	2.49e-002	2.5e-002	2872100.0	0.01	-0.40	15.00	2RDR	
Endrin	2.37e-002	2.5e-002	2466700.0	0.01	-5.20	15.00	2RDR	
4,4'-DDD	2.63e-002	2.5e-002	1997800.0	0.01	5.20	15.00	2RDR	
Endosulfan II	2.49e-002	2.5e-002	2291000.0	0.01	-0.40	15.00	2RDR	
4,4'-DDT	2.06e-002	2.5e-002	1639500.0	0.01	-17.60	15.00	2RDR	<-
Endrin Aldehyde	2.4e-002	2.5e-002	1701700.0	0.01	-4.00	15.00	2RDR	
Endosulfan sulfate	2.17e-002	2.5e-002	1611100.0	0.01	-13.20	15.00	2RDR	
Methoxychlor	2.09e-002	2.5e-002	853480.00	0.01	-16.40	15.00	2RDR	<-
alpha-Chlordane	2.52e-002	2.5e-002	3218500.0	0.01	0.80	15.00	2RDR	
gamma-Chlordane	2.42e-002	2.5e-002	3130100.0	0.01	-3.20	15.00	2RDR	
Endrin Ketone	2.31e-002	2.5e-002	1754200.0	0.01	-7.60	15.00	2RDR	
Tetrachloro-m-Xylene	2.86e-002	2.5e-002	3418400.0	0.01	14.40	15.00	2RDR	
Decachlorobiphenyl	2.3e-002	2.5e-002	2057400.0	0.01	-8.00	15.00	2RDR	

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/06/06
Time Analyzed :1244

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1082.d	3.05	1.69

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/06/06
Time Analyzed :1244

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2082.d	2.68	0.90

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 1315

Lab File ID: 8WA1083 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.72e-002	5.e-002	5308900.0	0.01	-5.60	15.00	2RDR
gamma BHC	5.15e-002	5.e-002	4971600.0	0.01	3.00	15.00	2RDR
Heptachlor	5.44e-002	5.e-002	5097500.0	0.01	8.80	15.00	2RDR
beta-BHC	5.15e-002	5.e-002	2320400.0	0.01	3.00	15.00	2RDR
Aldrin	5.06e-002	5.e-002	4304000.0	0.01	1.20	15.00	2RDR
delta-BHC	5.05e-002	5.e-002	4772800.0	0.01	1.00	15.00	2RDR
Heptachlor Epoxide	5.14e-002	5.e-002	3899900.0	0.01	2.80	15.00	2RDR
Endosulfan I	5.23e-002	5.e-002	4060000.0	0.01	4.60	15.00	2RDR
4,4'-DDE	5.36e-002	5.e-002	3918900.0	0.01	7.20	15.00	2RDR
Dieldrin	5.24e-002	5.e-002	3645100.0	0.01	4.80	15.00	2RDR
Endrin	5.29e-002	5.e-002	3478100.0	0.01	5.80	15.00	2RDR
4,4'-DDD	5.16e-002	5.e-002	2707300.0	0.01	3.20	15.00	2RDR
Endosulfan II	4.99e-002	5.e-002	2925200.0	0.01	-0.20	15.00	2RDR
4,4'-DDT	5.06e-002	5.e-002	2819000.0	0.01	1.20	15.00	2RDR
Endrin Aldehyde	4.97e-002	5.e-002	2220600.0	0.01	-0.60	15.00	2RDR
Endosulfan sulfate	4.71e-002	5.e-002	2094600.0	0.01	-5.80	15.00	2RDR
Methoxychlor	4.94e-002	5.e-002	1345400.0	0.01	-1.20	15.00	2RDR
alpha-Chlordane	5.4e-002	5.e-002	3820300.0	0.01	8.00	15.00	2RDR
gamma-Chlordane	5.48e-002	5.e-002	3924800.0	0.01	9.60	15.00	2RDR
Endrin Ketone	4.73e-002	5.e-002	2339800.0	0.01	-5.40	15.00	2RDR
Tetrachloro-m-Xylene	5.44e-002	5.e-002	3887000.0	0.01	8.80	15.00	2RDR
Decachlorobiphenyl	5.18e-002	5.e-002	1859100.0	0.01	3.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/06/06 Time: 1315

Lab File ID: 8WA2083 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.08e-002	5.e-002	4616400.0	0.01	1.60	15.00	2RDR
gamma BHC	5.31e-002	5.e-002	4212800.0	0.01	6.20	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	4435000.0	0.01	11.00	15.00	2RDR
beta-BHC	5.22e-002	5.e-002	1964300.0	0.01	4.40	15.00	2RDR
Aldrin	5.56e-002	5.e-002	3881900.0	0.01	11.20	15.00	2RDR
delta-BHC	4.97e-002	5.e-002	3885900.0	0.01	-0.60	15.00	2RDR
Heptachlor Epoxide	5.11e-002	5.e-002	3359400.0	0.01	2.20	15.00	2RDR
Endosulfan I	4.97e-002	5.e-002	2992300.0	0.01	-0.60	15.00	2RDR
4,4'-DDE	5.35e-002	5.e-002	3197700.0	0.01	7.00	15.00	2RDR
Dieldrin	5.22e-002	5.e-002	3002800.0	0.01	4.40	15.00	2RDR
Endrin	5.03e-002	5.e-002	2629800.0	0.01	0.60	15.00	2RDR
4,4'-DDD	5.19e-002	5.e-002	2003600.0	0.01	3.80	15.00	2RDR
Endosulfan II	5.17e-002	5.e-002	2356200.0	0.01	3.40	15.00	2RDR
4,4'-DDT	5.11e-002	5.e-002	2068800.0	0.01	2.20	15.00	2RDR
Endrin Aldehyde	5.11e-002	5.e-002	1768100.0	0.01	2.20	15.00	2RDR
Endosulfan sulfate	4.69e-002	5.e-002	1715100.0	0.01	-6.20	15.00	2RDR
Methoxychlor	5.05e-002	5.e-002	1004000.0	0.01	1.00	15.00	2RDR
alpha-Chlordane	5.19e-002	5.e-002	3232800.0	0.01	3.80	15.00	2RDR
gamma-Chlordane	5.04e-002	5.e-002	3183000.0	0.01	0.80	15.00	2RDR
Endrin Ketone	4.73e-002	5.e-002	1782000.0	0.01	-5.40	15.00	2RDR
Tetrachloro-m-Xylene	5.13e-002	5.e-002	2929300.0	0.01	2.60	15.00	2RDR
Decachlorobiphenyl	4.86e-002	5.e-002	2023800.0	0.01	-2.80	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM): Date Analyzed :01/09/06
Lab Sample ID (PEM): EVAL Time Analyzed :1012

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1108.d	2.88	3.18

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/09/06
Time Analyzed :1012

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2108.d	3.33	1.97

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 1043

Lab File ID: 8WA1109 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.41e-002	5.e-002	5969000.0	0.01	8.20	15.00	2RDR	
gamma BHC	5.92e-002	5.e-002	5624900.0	0.01	18.40	15.00	2RDR	<-
Heptachlor	6.21e-002	5.e-002	5698900.0	0.01	24.20	15.00	2RDR	<-
beta-BHC	5.91e-002	5.e-002	2623500.0	0.01	18.20	15.00	2RDR	<-
Aldrin	5.71e-002	5.e-002	4796600.0	0.01	14.20	15.00	2RDR	
delta-BHC	5.77e-002	5.e-002	5367300.0	0.01	15.40	15.00	2RDR	<-
Heptachlor Epoxide	5.87e-002	5.e-002	4389500.0	0.01	17.40	15.00	2RDR	<-
Endosulfan I	5.97e-002	5.e-002	4568500.0	0.01	19.40	15.00	2RDR	<-
4,4'-DDE	5.98e-002	5.e-002	4320300.0	0.01	19.60	15.00	2RDR	<-
Dieldrin	5.94e-002	5.e-002	4085800.0	0.01	18.80	15.00	2RDR	<-
Endrin	5.89e-002	5.e-002	3831300.0	0.01	17.80	15.00	2RDR	<-
4,4'-DDD	5.69e-002	5.e-002	2965700.0	0.01	13.80	15.00	2RDR	
Endosulfan II	5.69e-002	5.e-002	3293300.0	0.01	13.80	15.00	2RDR	
4,4'-DDT	5.87e-002	5.e-002	3228800.0	0.01	17.40	15.00	2RDR	<-
Endrin Aldehyde	5.95e-002	5.e-002	2623700.0	0.01	19.00	15.00	2RDR	<-
Endosulfan sulfate	5.37e-002	5.e-002	2366600.0	0.01	7.40	15.00	2RDR	
Methoxychlor	5.44e-002	5.e-002	1468200.0	0.01	8.80	15.00	2RDR	
alpha-Chlordane	6.16e-002	5.e-002	4298000.0	0.01	23.20	15.00	2RDR	<-
gamma-Chlordane	6.21e-002	5.e-002	4387100.0	0.01	24.20	15.00	2RDR	<-
Endrin Ketone	5.28e-002	5.e-002	2587300.0	0.01	5.60	15.00	2RDR	
Tetrachloro-m-Xylene	6.18e-002	5.e-002	4349200.0	0.01	23.60	15.00	2RDR	<-
Decachlorobiphenyl	5.71e-002	5.e-002	2025300.0	0.01	14.20	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 1043

Lab File ID: 8WA2109 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.11e-002	5.e-002	4638500.0	0.01	2.20	15.00	2RDR
gamma BHC	5.21e-002	5.e-002	4141800.0	0.01	4.20	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	4437200.0	0.01	11.00	15.00	2RDR
beta-BHC	5.26e-002	5.e-002	1975800.0	0.01	5.20	15.00	2RDR
Aldrin	5.59e-002	5.e-002	3902200.0	0.01	11.80	15.00	2RDR
delta-BHC	5.03e-002	5.e-002	3931300.0	0.01	0.60	15.00	2RDR
Heptachlor Epoxide	5.29e-002	5.e-002	3474300.0	0.01	5.80	15.00	2RDR
Endosulfan I	5.23e-002	5.e-002	3139700.0	0.01	4.60	15.00	2RDR
4,4'-DDE	5.55e-002	5.e-002	3312600.0	0.01	11.00	15.00	2RDR
Dieldrin	5.47e-002	5.e-002	3146200.0	0.01	9.40	15.00	2RDR
Endrin	5.13e-002	5.e-002	2681100.0	0.01	2.60	15.00	2RDR
4,4'-DDD	5.34e-002	5.e-002	2064200.0	0.01	6.80	15.00	2RDR
Endosulfan II	5.47e-002	5.e-002	2484800.0	0.01	9.40	15.00	2RDR
4,4'-DDT	5.27e-002	5.e-002	2131300.0	0.01	5.40	15.00	2RDR
Endrin Aldehyde	5.33e-002	5.e-002	1840300.0	0.01	6.60	15.00	2RDR
Endosulfan sulfate	4.77e-002	5.e-002	1744100.0	0.01	-4.60	15.00	2RDR
Methoxychlor	5.06e-002	5.e-002	1005300.0	0.01	1.20	15.00	2RDR
alpha-Chlordane	5.42e-002	5.e-002	3370200.0	0.01	8.40	15.00	2RDR
gamma-Chlordane	5.25e-002	5.e-002	3307600.0	0.01	5.00	15.00	2RDR
Endrin Ketone	4.8e-002	5.e-002	1806800.0	0.01	-4.00	15.00	2RDR
Tetrachloro-m-Xylene	5.13e-002	5.e-002	2926500.0	0.01	2.60	15.00	2RDR
Decachlorobiphenyl	5.03e-002	5.e-002	2087100.0	0.01	0.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 2118

Lab File ID: 8WA1132 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.5e-002	2.5e-002	6032300.0	0.01	0.00	15.00	2RDR	
gamma BHC	2.59e-002	2.5e-002	5310400.0	0.01	3.60	15.00	2RDR	
Heptachlor	2.64e-002	2.5e-002	5403700.0	0.01	5.60	15.00	2RDR	
beta-BHC	2.68e-002	2.5e-002	2555300.0	0.01	7.20	15.00	2RDR	
Aldrin	2.62e-002	2.5e-002	4705700.0	0.01	4.80	15.00	2RDR	
delta-BHC	2.36e-002	2.5e-002	4794200.0	0.01	-5.60	15.00	2RDR	
Heptachlor Epoxide	2.59e-002	2.5e-002	4180800.0	0.01	3.60	15.00	2RDR	
Endosulfan I	2.51e-002	2.5e-002	4164600.0	0.01	0.40	15.00	2RDR	
4,4'-DDE	2.44e-002	2.5e-002	3788000.0	0.01	-2.40	15.00	2RDR	
Dieldrin	2.43e-002	2.5e-002	3573500.0	0.01	-2.80	15.00	2RDR	
Endrin	2.3e-002	2.5e-002	3230900.0	0.01	-8.00	15.00	2RDR	
4,4'-DDD	2.26e-002	2.5e-002	2473900.0	0.01	-9.60	15.00	2RDR	
Endosulfan II	2.34e-002	2.5e-002	2902700.0	0.01	-6.40	15.00	2RDR	
4,4'-DDT	2.03e-002	2.5e-002	2371500.0	0.01	-18.80	15.00	2RDR	<-
Endrin Aldehyde	2.28e-002	2.5e-002	2143500.0	0.01	-8.80	15.00	2RDR	
Endosulfan sulfate	2.08e-002	2.5e-002	1950100.0	0.01	-16.80	15.00	2RDR	<-
Methoxychlor	2.11e-002	2.5e-002	1224300.0	0.01	-15.60	15.00	2RDR	<-
alpha-Chlordane	2.52e-002	2.5e-002	3816200.0	0.01	0.80	15.00	2RDR	
gamma-Chlordane	2.49e-002	2.5e-002	3829000.0	0.01	-0.40	15.00	2RDR	
Endrin Ketone	2.34e-002	2.5e-002	2426200.0	0.01	-6.40	15.00	2RDR	
Tetrachloro-m-Xylene	2.9e-002	2.5e-002	4435800.0	0.01	16.00	15.00	2RDR	<-
Decachlorobiphenyl	2.39e-002	2.5e-002	1878900.0	0.01	-4.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/09/06 Time: 2118

Lab File ID: 8WA2132 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.5e-002	2.5e-002	4606100.0	0.01	0.00	15.00	2RDR	
gamma BHC	2.46e-002	2.5e-002	3986900.0	0.01	-1.60	15.00	2RDR	
Heptachlor	2.56e-002	2.5e-002	4223800.0	0.01	2.40	15.00	2RDR	
beta-BHC	2.53e-002	2.5e-002	1963000.0	0.01	1.20	15.00	2RDR	
Aldrin	2.54e-002	2.5e-002	3598400.0	0.01	1.60	15.00	2RDR	
delta-BHC	2.18e-002	2.5e-002	3398700.0	0.01	-12.80	15.00	2RDR	
Heptachlor Epoxide	2.47e-002	2.5e-002	3333900.0	0.01	-1.20	15.00	2RDR	
Endosulfan I	2.45e-002	2.5e-002	3032800.0	0.01	-2.00	15.00	2RDR	
4,4'-DDE	2.59e-002	2.5e-002	3161600.0	0.01	3.60	15.00	2RDR	
Dieldrin	2.55e-002	2.5e-002	2936600.0	0.01	2.00	15.00	2RDR	
Endrin	2.45e-002	2.5e-002	2550600.0	0.01	-2.00	15.00	2RDR	
4,4'-DDD	2.56e-002	2.5e-002	1947200.0	0.01	2.40	15.00	2RDR	
Endosulfan II	2.53e-002	2.5e-002	2334600.0	0.01	1.20	15.00	2RDR	
4,4'-DDT	2.25e-002	2.5e-002	1803200.0	0.01	-10.00	15.00	2RDR	
Endrin Aldehyde	2.5e-002	2.5e-002	1773900.0	0.01	0.00	15.00	2RDR	
Endosulfan sulfate	2.11e-002	2.5e-002	1565900.0	0.01	-15.60	15.00	2RDR	<-
Methoxychlor	2.23e-002	2.5e-002	908800.00	0.01	-10.80	15.00	2RDR	
alpha-Chlordane	2.56e-002	2.5e-002	3267500.0	0.01	2.40	15.00	2RDR	
gamma-Chlordane	2.48e-002	2.5e-002	3202600.0	0.01	-0.80	15.00	2RDR	
Endrin Ketone	2.3e-002	2.5e-002	1747600.0	0.01	-8.00	15.00	2RDR	
Tetrachloro-m-Xylene	2.68e-002	2.5e-002	3219200.0	0.01	7.20	15.00	2RDR	
Decachlorobiphenyl	2.36e-002	2.5e-002	2106600.0	0.01	-5.60	15.00	2RDR	

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM): Date Analyzed :01/10/06
Lab Sample ID (PEM): EVAL Time Analyzed :0944

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1134.d	2.54	0.78

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/10/06
Time Analyzed :0944

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2134.d	2.42	0.90

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 1115

Lab File ID: 8WA1136 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.54e-002	5.e-002	6092400.0	0.01	10.80	15.00	2RDR	
gamma BHC	5.93e-002	5.e-002	5632600.0	0.01	18.60	15.00	2RDR	<-
Heptachlor	5.92e-002	5.e-002	5471700.0	0.01	18.40	15.00	2RDR	<-
beta-BHC	5.89e-002	5.e-002	2617600.0	0.01	17.80	15.00	2RDR	<-
Aldrin	5.69e-002	5.e-002	4779500.0	0.01	13.80	15.00	2RDR	
delta-BHC	5.59e-002	5.e-002	5218100.0	0.01	11.80	15.00	2RDR	
Heptachlor Epoxide	5.53e-002	5.e-002	4164200.0	0.01	10.60	15.00	2RDR	
Endosulfan I	5.59e-002	5.e-002	4312700.0	0.01	11.80	15.00	2RDR	
4,4'-DDE	5.5e-002	5.e-002	4009700.0	0.01	10.00	15.00	2RDR	
Dieldrin	5.48e-002	5.e-002	3800200.0	0.01	9.60	15.00	2RDR	
Endrin	5.3e-002	5.e-002	3484900.0	0.01	6.00	15.00	2RDR	
4,4'-DDD	5.28e-002	5.e-002	2766300.0	0.01	5.60	15.00	2RDR	
Endosulfan II	5.21e-002	5.e-002	3041800.0	0.01	4.20	15.00	2RDR	
4,4'-DDT	4.97e-002	5.e-002	2770300.0	0.01	-0.60	15.00	2RDR	
Endrin Aldehyde	4.78e-002	5.e-002	2141300.0	0.01	-4.40	15.00	2RDR	
Endosulfan sulfate	4.77e-002	5.e-002	2120200.0	0.01	-4.60	15.00	2RDR	
Methoxychlor	5.03e-002	5.e-002	1366400.0	0.01	0.60	15.00	2RDR	
alpha-Chlordane	5.33e-002	5.e-002	3775500.0	0.01	6.60	15.00	2RDR	
gamma-Chlordane	5.53e-002	5.e-002	3955600.0	0.01	10.60	15.00	2RDR	
Endrin Ketone	4.84e-002	5.e-002	2388100.0	0.01	-3.20	15.00	2RDR	
Tetrachloro-m-Xylene	6.38e-002	5.e-002	4474100.0	0.01	27.60	15.00	2RDR	<-
Decachlorobiphenyl	5.12e-002	5.e-002	1839800.0	0.01	2.40	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 1115

Lab File ID: 8WA2136 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.86e-002	5.e-002	4421600.0	0.01	-2.80	15.00	2RDR
gamma BHC	5.13e-002	5.e-002	4082800.0	0.01	2.60	15.00	2RDR
Heptachlor	5.18e-002	5.e-002	4155700.0	0.01	3.60	15.00	2RDR
beta-BHC	4.9e-002	5.e-002	1850500.0	0.01	-2.00	15.00	2RDR
Aldrin	5.21e-002	5.e-002	3642800.0	0.01	4.20	15.00	2RDR
delta-BHC	4.7e-002	5.e-002	3682200.0	0.01	-6.00	15.00	2RDR
Heptachlor Epoxide	4.71e-002	5.e-002	3108900.0	0.01	-5.80	15.00	2RDR
Endosulfan I	4.67e-002	5.e-002	2819200.0	0.01	-6.60	15.00	2RDR
4,4'-DDE	5.03e-002	5.e-002	3012000.0	0.01	0.60	15.00	2RDR
Dieldrin	4.85e-002	5.e-002	2797200.0	0.01	-3.00	15.00	2RDR
Endrin	4.66e-002	5.e-002	2439300.0	0.01	-6.80	15.00	2RDR
4,4'-DDD	4.71e-002	5.e-002	1818000.0	0.01	-5.80	15.00	2RDR
Endosulfan II	4.79e-002	5.e-002	2185000.0	0.01	-4.20	15.00	2RDR
4,4'-DDT	4.74e-002	5.e-002	1918600.0	0.01	-5.20	15.00	2RDR
Endrin Aldehyde	4.74e-002	5.e-002	1641600.0	0.01	-5.20	15.00	2RDR
Endosulfan sulfate	4.3e-002	5.e-002	1575800.0	0.01	-14.00	15.00	2RDR
Methoxychlor	4.64e-002	5.e-002	925180.00	0.01	-7.20	15.00	2RDR
alpha-Chlordane	4.86e-002	5.e-002	3033600.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	4.72e-002	5.e-002	2989900.0	0.01	-5.60	15.00	2RDR
Endrin Ketone	4.35e-002	5.e-002	1642200.0	0.01	-13.00	15.00	2RDR
Tetrachloro-m-Xylene	5.3e-002	5.e-002	3016600.0	0.01	6.00	15.00	2RDR
Decachlorobiphenyl	4.39e-002	5.e-002	1845500.0	0.01	-12.20	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 2150

Lab File ID: 8WA1159 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.68e-002	2.5e-002	6412500.0	0.01	7.20	15.00	2RDR	
gamma BHC	3.e-002	2.5e-002	6081000.0	0.01	20.00	15.00	2RDR	<-
Heptachlor	2.95e-002	2.5e-002	5975800.0	0.01	18.00	15.00	2RDR	<-
beta-BHC	2.98e-002	2.5e-002	2820000.0	0.01	19.20	15.00	2RDR	<-
Aldrin	2.9e-002	2.5e-002	5171000.0	0.01	16.00	15.00	2RDR	<-
delta-BHC	2.7e-002	2.5e-002	5429400.0	0.01	8.00	15.00	2RDR	
Heptachlor Epoxide	2.88e-002	2.5e-002	4617000.0	0.01	15.20	15.00	2RDR	<-
Endosulfan I	3.06e-002	2.5e-002	5000500.0	0.01	22.40	15.00	2RDR	<-
4,4'-DDE	2.86e-002	2.5e-002	4409400.0	0.01	14.40	15.00	2RDR	
Dieldrin	3.07e-002	2.5e-002	4452900.0	0.01	22.80	15.00	2RDR	<-
Endrin	2.98e-002	2.5e-002	4118600.0	0.01	19.20	15.00	2RDR	<-
4,4'-DDD	2.8e-002	2.5e-002	3034200.0	0.01	12.00	15.00	2RDR	
Endosulfan II	3.03e-002	2.5e-002	3696500.0	0.01	21.20	15.00	2RDR	<-
4,4'-DDT	2.8e-002	2.5e-002	3227000.0	0.01	12.00	15.00	2RDR	
Endrin Aldehyde	3.e-002	2.5e-002	2771400.0	0.01	20.00	15.00	2RDR	<-
Endosulfan sulfate	2.88e-002	2.5e-002	2640100.0	0.01	15.20	15.00	2RDR	<-
Methoxychlor	2.68e-002	2.5e-002	1529000.0	0.01	7.20	15.00	2RDR	
alpha-Chlordane	3.03e-002	2.5e-002	4527600.0	0.01	21.20	15.00	2RDR	<-
gamma-Chlordane	3.04e-002	2.5e-002	4594000.0	0.01	21.60	15.00	2RDR	<-
Endrin Ketone	2.9e-002	2.5e-002	2967700.0	0.01	16.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	3.03e-002	2.5e-002	4624800.0	0.01	21.20	15.00	2RDR	<-
Decachlorobiphenyl	3.01e-002	2.5e-002	2299100.0	0.01	20.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC08 Calibration Date: 01/10/06 Time: 2150

Lab File ID: 8WA2159 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	2.51e-002	2.5e-002	4630300.0	0.01	0.40	15.00	2RDR
gamma BHC	2.71e-002	2.5e-002	4395600.0	0.01	8.40	15.00	2RDR
Heptachlor	2.72e-002	2.5e-002	4484700.0	0.01	8.80	15.00	2RDR
beta-BHC	2.57e-002	2.5e-002	1999000.0	0.01	2.80	15.00	2RDR
Aldrin	2.8e-002	2.5e-002	3965100.0	0.01	12.00	15.00	2RDR
delta-BHC	2.41e-002	2.5e-002	3779500.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	2.68e-002	2.5e-002	3609200.0	0.01	7.20	15.00	2RDR
Endosulfan I	2.75e-002	2.5e-002	3390400.0	0.01	10.00	15.00	2RDR
4,4'-DDE	2.77e-002	2.5e-002	3375800.0	0.01	10.80	15.00	2RDR
Dieldrin	2.65e-002	2.5e-002	3050400.0	0.01	6.00	15.00	2RDR
Endrin	2.64e-002	2.5e-002	2754900.0	0.01	5.60	15.00	2RDR
4,4'-DDD	2.51e-002	2.5e-002	1904200.0	0.01	0.40	15.00	2RDR
Endosulfan II	2.81e-002	2.5e-002	2584700.0	0.01	12.40	15.00	2RDR
4,4'-DDT	2.59e-002	2.5e-002	2084200.0	0.01	3.60	15.00	2RDR
Endrin Aldehyde	2.67e-002	2.5e-002	1889800.0	0.01	6.80	15.00	2RDR
Endosulfan sulfate	2.45e-002	2.5e-002	1817100.0	0.01	-2.00	15.00	2RDR
Methoxychlor	2.48e-002	2.5e-002	1009800.0	0.01	-0.80	15.00	2RDR
alpha-Chlordane	2.7e-002	2.5e-002	3439500.0	0.01	8.00	15.00	2RDR
gamma-Chlordane	2.68e-002	2.5e-002	3451600.0	0.01	7.20	15.00	2RDR
Endrin Ketone	2.51e-002	2.5e-002	1907000.0	0.01	0.40	15.00	2RDR
Tetrachloro-m-Xylene	2.73e-002	2.5e-002	3278600.0	0.01	9.20	15.00	2RDR
Decachlorobiphenyl	2.69e-002	2.5e-002	2367400.0	0.01	7.60	15.00	2RDR

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 05-JAN-2006 22:22
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23925-1
Client ID: WG23925-Blank
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		98%				
2051-24-3	Decachlorobiphenyl		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 10-JAN-2006 11:45
Report Date: 01/13/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23985-1
Client ID: WG23985-Blank
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		85%				
2051-24-3	Decachlorobiphenyl		48%				

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column(1): RTX-CLPI ID: 0.53 (mm)GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23925-BLANK	WG23925-1	98	94	90	87			0
02	WG23925-LCS	WG23925-2	94	91	88	84			0
03	WG23925-LCSD	WG23925-3	100	95	77	74			0
04	3221GW0501	WV6662-2	97	92	77	70			0
05	3221GW0401	WV6662-1	90	80	68	57			0
06	3221GW0801	WV6662-3	90	85	91	77			0
07	3221GW0701	WV6662-4	94	86	73	61			0
08	3221GW0901	WV6662-6	90	82	57	49			0
09	3221GW1001	WV6662-7	92	85	79	69			0
10	3221GW1001D	WV6662-8	75	78	57	51			0
11	44GW1401	WV6687-1	89	84	64	55			0
12	44GW1101	WV6687-2	90	84	69	60			0
13	44GW1001	WV6687-3	96	87	70	61			0
14	44GW0901	WV6687-4	90	82	53	46			0
15	44GW1901	WV6687-5	87	85	74	64			0
16	44GW1801	WV6687-7	90	87	80	70			0
17	44GW1301	WV6687-8	88	88	60	53			0
18	WG23985-BLANK	WG23985-1	85	81	48	42			0
19	WG23985-LCS	WG23985-2	88	78	58	51			0
20	44GW1501	WV6687-9	91	83	50	44			0
21	44GW1201	WV6687-10	95	85	48	43			0
22	3221GW0601	WV6687-11	76	81	72	64			0
23	44GW1501D	WV6687-12	91	83	39	35J			1
24	44GW0901MS	WG23985-3	94	88	39	35J			1
25	44GW0901MSD	WG23985-4	92	86	44	39			0
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)
S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 01/05/06
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG23925-2 & WG23925-3
Client ID: WG23925-LCS & WG23925-LCSD
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG23925
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
alpha-BHC	0.50	0.50	NA	0.53	0.56	106	111	5	30	43-114
gamma BHC	0.50	0.50	NA	0.54	0.57	108	113	4	30	43-117
Heptachlor	0.50	0.50	NA	0.45	0.49	91	98	7	30	37-109
beta-BHC	0.50	0.50	NA	0.55	0.58	111	115	4	30	48-121
Aldrin	0.50	0.50	NA	0.44	0.48	87	95	8	30	38-120
delta-BHC	0.50	0.50	NA	0.51	0.53	102	105	3	30	45-131
Heptachlor Epoxide	0.50	0.50	NA	0.52	0.54	105	108	3	30	43-127
Endosulfan I	0.50	0.50	NA	0.35	0.36	70	72	3	30	33-130
4,4'-DDE	0.50	0.50	NA	0.51	0.53	102	105	3	30	41-130
Dieldrin	0.50	0.50	NA	0.53	0.54	105	109	3	30	43-128
Endrin	0.50	0.50	NA	0.50	0.50	100	100	0.8	30	45-136
4,4'-DDD	0.50	0.50	NA	0.52	0.52	104	104	0.6	30	45-124
Endosulfan II	0.50	0.50	NA	0.36	0.36	71	71	0.3	30	47-128
4,4'-DDT	0.50	0.50	NA	0.50	0.52	100	103	3	30	36-141
Endrin Aldehyde	0.50	0.50	NA	0.51	0.53	102	106	4	30	31-155
Endosulfan sulfate	0.50	0.50	NA	0.52	0.51	104	102	2	30	43-132
Methoxychlor	0.50	0.50	NA	0.62	0.58	123	117	6	30	41-135
alpha-Chlordane	0.50	0.50	NA	0.50	0.52	100	105	4	30	38-131
gamma-Chlordane	0.50	0.50	NA	0.48	0.50	96	101	5	30	42-125
Endrin Ketone	0.50	0.50	NA	0.53	0.55	106	109	2	30	52-137

FORM III PEST-1

8WA1066.d & 8WA1067.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 01/10/06
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG23985-2
Client ID: WG23985-LCS
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.42	83	43-114
gamma BHC	0.50	NA	0.47	95	43-117
Heptachlor	0.50	NA	0.43	86	37-109
beta-BHC	0.50	NA	0.48	97	48-121
Aldrin	0.50	NA	0.41	81	38-120
delta-BHC	0.50	NA	0.43	86	45-131
Heptachlor Epoxide	0.50	NA	0.45	89	43-127
Endosulfan I	0.50	NA	0.42	84	33-130
4,4'-DDE	0.50	NA	0.43	85	41-130
Dieldrin	0.50	NA	0.47	94	43-128
Endrin	0.50	NA	0.47	94	45-136
4,4'-DDD	0.50	NA	0.44	89	45-124
Endosulfan II	0.50	NA	0.30	60	47-128
4,4'-DDT	0.50	NA	0.42	84	36-141
Endrin Aldehyde	0.50	NA	0.37	74	31-155
Endosulfan sulfate	0.50	NA	0.39	79	43-132
Methoxychlor	0.50	NA	0.42	85	41-135
alpha-Chlordane	0.50	NA	0.47	94	38-131
gamma-Chlordane	0.50	NA	0.47	94	42-125
Endrin Ketone	0.50	NA	0.40	80	52-137

FORM III PEST-1

8WA1138.d

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/17/05
Analysis Date: 01/10/06
Report Date: 01/13/2006
Matrix: WATER

Lab ID: WG23985-3 & WG23985-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG23985
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
alpha-BHC	0.49	0.49	0.00	0.45	0.46	92	93	1	30	43-114
gamma BHC	0.49	0.49	0.00	0.51	0.51	103	103	0.2	30	43-117
Heptachlor	0.49	0.49	0.00	0.46	0.46	93	93	0.6	30	37-109
beta-BHC	0.49	0.49	0.00	0.51	0.51	104	105	0.4	30	48-121
Aldrin	0.49	0.49	0.00	0.44	0.44	90	89	0.7	30	38-120
delta-BHC	0.49	0.49	0.00	0.49	0.46	100	94	6	30	45-131
Heptachlor Epoxide	0.49	0.49	0.00	0.46	0.46	95	94	0.2	30	43-127
Endosulfan I	0.49	0.49	0.00	0.35	0.35	71	72	2	30	33-130
4,4'-DDE	0.49	0.49	0.00	0.43	0.44	88	89	2	30	41-130
Dieldrin	0.49	0.49	0.00	0.49	0.49	100	100	0.2	30	43-128
Endrin	0.49	0.49	0.00	0.51	0.50	104	102	2	30	45-136
4,4'-DDD	0.49	0.49	0.00	0.46	0.46	94	93	1	30	45-124
Endosulfan II	0.49	0.49	0.00	0.34	0.34	68	70	2	30	47-128
4,4'-DDT	0.49	0.49	0.00	0.45	0.45	91	91	0.0	30	36-141
Endrin Aldehyde	0.49	0.49	0.00	0.50	0.48	102	97	4	30	31-155
Endosulfan sulfate	0.49	0.49	0.00	0.51	0.50	103	102	1	30	43-132
Methoxychlor	0.49	0.49	0.00	0.47	0.46	96	94	2	30	41-135
alpha-Chlordane	0.49	0.49	0.00	0.48	0.47	98	97	1	30	38-131
gamma-Chlordane	0.49	0.49	0.00	0.48	0.47	97	95	2	30	42-125
Endrin Ketone	0.49	0.49	0.00	0.50	0.49	103	100	2	30	52-137

FORM III PEST-1

8WA1153.d & 8WA1154.d

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.44 DCB: 19.73

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	6.46	19.74
02		AR1660 0.05P	11/23/05	1646	6.45	19.73
03		AR1660 0.1PP	11/23/05	1714	6.45	19.73
04		AR1660 0.25P	11/23/05	1743	6.45	19.73
05		AR1660 2.5PP	11/23/05	1811	6.44	19.73
06		AR1660 10PPM	11/23/05	1839	6.44	19.72
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.33 DCB: 19.60

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/04/06	1136	6.32	19.59
02	WG23924-BLAN	WG23924-1	01/04/06	1420	6.33	19.60
03	WG23924-LCS	WG23924-2	01/04/06	1448	6.32	19.59
04	WG23924-LCSD	WG23924-3	01/04/06	1516	6.32	19.59
05	WG23986-BLAN	WG23986-1	01/04/06	1545	6.32	19.59
06	WG23986-LCS	WG23986-2	01/04/06	1613	6.32	19.59
07	3221GW0401	WV6662-1	01/04/06	1931	6.32	19.59
08	3221GW0501	WV6662-2	01/04/06	1959	6.32	19.59
09	3221GW0801	WV6662-3	01/04/06	2027	6.32	19.59
10	3221GW0701	WV6662-4	01/04/06	2056	6.32	19.59
11	3221GW0901	WV6662-6	01/04/06	2124	6.32	19.59
12	3221GW1001	WV6662-7	01/04/06	2152	6.32	19.59
13	3221GW1001D	WV6662-8	01/04/06	2220	6.32	19.59
14		AR1660 0.25P	01/05/06	0013	6.32	19.59
15	44GW1401	WV6687-1	01/05/06	0206	6.32	19.59
16	44GW1101	WV6687-2	01/05/06	0234	6.32	19.59
17	44GW1001	WV6687-3	01/05/06	0303	6.32	19.59
18	44GW0901	WV6687-4	01/05/06	0331	6.32	19.59
19	44GW1901	WV6687-5	01/05/06	0359	6.32	19.59
20	44GW1801	WV6687-7	01/05/06	0427	6.32	19.59

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.33 DCB: 19.60

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	44GW1301	WV6687-8	01/05/06	0455	6.32	19.59
02	44GW1501	WV6687-9	01/05/06	0524	6.32	19.59
03	44GW1201	WV6687-10	01/05/06	0552	6.32	19.59
04	3221GW0601	WV6687-11	01/05/06	0620	6.32	19.59
05	44GW1501D	WV6687-12	01/05/06	0648	6.32	19.59
06	44GW0901MS	WG23986-3	01/05/06	0717	6.32	19.59
07	44GW0901MSD	WG23986-4	01/05/06	0745	6.32	19.59
08		AR1660 1.0PP	01/05/06	1212	6.33	19.60
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.13 DCB: 18.54

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	5.12	18.54
02		AR1660 0.05P	11/23/05	1646	5.13	18.54
03		AR1660 0.1PP	11/23/05	1714	5.13	18.54
04		AR1660 0.25P	11/23/05	1743	5.13	18.54
05		AR1660 2.5PP	11/23/05	1811	5.13	18.54
06		AR1660 10PPM	11/23/05	1839	5.13	18.54
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.01 DCB: 18.40

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/04/06	1136	5.02	18.40
02	WG23924-BLAN	WG23924-1	01/04/06	1420	5.01	18.40
03	WG23924-LCS	WG23924-2	01/04/06	1448	5.02	18.40
04	WG23924-LCSD	WG23924-3	01/04/06	1516	5.02	18.40
05	WG23986-BLAN	WG23986-1	01/04/06	1545	5.02	18.40
06	WG23986-LCS	WG23986-2	01/04/06	1613	5.01	18.39
07	3221GW0401	WV6662-1	01/04/06	1931	5.01	18.39
08	3221GW0501	WV6662-2	01/04/06	1959	5.02	18.40
09	3221GW0801	WV6662-3	01/04/06	2027	5.01	18.40
10	3221GW0701	WV6662-4	01/04/06	2056	5.01	18.39
11	3221GW0901	WV6662-6	01/04/06	2124	5.01	18.40
12	3221GW1001	WV6662-7	01/04/06	2152	5.01	18.40
13	3221GW1001D	WV6662-8	01/04/06	2220	5.02	18.40
14		AR1660 0.25P	01/05/06	0013	5.01	18.40
15	44GW1401	WV6687-1	01/05/06	0206	5.01	18.40
16	44GW1101	WV6687-2	01/05/06	0234	5.01	18.40
17	44GW1001	WV6687-3	01/05/06	0303	5.01	18.40
18	44GW0901	WV6687-4	01/05/06	0331	5.01	18.40
19	44GW1901	WV6687-5	01/05/06	0359	5.01	18.39
20	44GW1801	WV6687-7	01/05/06	0427	5.01	18.40

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.01 DCB: 18.40

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	44GW1301	WV6687-8	01/05/06	0455	5.01	18.40
02	44GW1501	WV6687-9	01/05/06	0524	5.01	18.40
03	44GW1201	WV6687-10	01/05/06	0552	5.01	18.40
04	3221GW0601	WV6687-11	01/05/06	0620	5.01	18.40
05	44GW1501D	WV6687-12	01/05/06	0648	5.01	18.40
06	44GW0901MS	WG23986-3	01/05/06	0717	5.01	18.40
07	44GW0901MSD	WG23986-4	01/05/06	0745	5.01	18.39
08		AR1660 1.0PP	01/05/06	1212	5.01	18.40
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.27 DCB: 19.54

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01		AR1660 1.0PP	01/18/06	1225	6.27		19.54	
02	WG24698-BLAN	WG24698-1	01/18/06	1906	6.27		19.53	
03	WG24698-LCS	WG24698-2	01/18/06	1934	6.27		19.54	
04	44GW0901	WV6687-4RE	01/18/06	2002	6.27		19.53	
05	44GW1301	WV6687-8RE	01/18/06	2031	6.27		19.53	
06		AR1660 1.0PP	01/19/06	0844	6.27		19.54	
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.97 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1260 1.0PP	01/18/06	1225	4.97	18.34
02	WG24698-BLAN	WG24698-1	01/18/06	1906	4.96	18.34
03	WG24698-LCS	WG24698-2	01/18/06	1934	4.96	18.34
04	44GW0901	WV6687-4RE	01/18/06	2002	4.96	18.34
05	44GW1301	WV6687-8RE	01/18/06	2031	4.96	18.34
06		AR1660 1.0PP	01/19/06	0844	4.97	18.35
07						
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10						
11						
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13						
14						
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16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.14 DCB: 19.38

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	6.15	19.39
02		AR1660 0.05P	01/19/06	1342	6.14	19.39
03		AR1660 0.1PP	01/19/06	1410	6.14	19.39
04		AR1660 0.25P	01/19/06	1439	6.14	19.37
05		AR1660 2.5PP	01/19/06	1507	6.14	19.38
06		AR1660 10PPM	01/19/06	1535	6.14	19.37
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14	44GW1501	WV6687-9RE	01/20/06	0322	6.14	19.37
15	44GW1201	WV6687-10RE	01/20/06	0350	6.14	19.37
16	44GW1501D	WV6687-12RE	01/20/06	0418	6.14	19.37
17	3221GW0901	WV6662-6RE	01/20/06	0446	6.14	19.37
18	3221GW1001D	WV6662-8RE	01/20/06	0515	6.14	19.37
19	44GW0901MS	WG24698-3	01/20/06	1025	6.14	19.37
20	44GW0901MSD	WG24698-4	01/20/06	1053	6.14	19.37

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.14 DCB: 19.38

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/20/06	1218	6.14	19.38
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	4.96	18.35
02		AR1660 0.05P	01/19/06	1342	4.96	18.35
03		AR1660 0.1PP	01/19/06	1410	4.96	18.35
04		AR1660 0.25P	01/19/06	1439	4.97	18.35
05		AR1660 2.5PP	01/19/06	1507	4.96	18.35
06		AR1660 10PPM	01/19/06	1535	4.96	18.34
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14	44GW1501	WV6687-9RE	01/20/06	0322	4.96	18.34
15	44GW1201	WV6687-10RE	01/20/06	0350	4.96	18.34
16	44GW1501D	WV6687-12RE	01/20/06	0418	4.96	18.34
17	3221GW0901	WV6662-6RE	01/20/06	0446	4.96	18.34
18	3221GW1001D	WV6662-8RE	01/20/06	0515	4.96	18.34
19	44GW0901MS	WG24698-3	01/20/06	1025	4.96	18.34
20	44GW0901MSD	WG24698-4	01/20/06	1053	4.96	18.34

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/20/06	1218	4.96	18.34
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK3170 RF0.1: 6VK3171 RF0.25: 6VK3172
RF1: 6VK3178 RF2.5: 6VK3173 RF10: 6VK3174

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1008	1991	4774	17632	40908	131080	2ORDR	-6.94e-003	5.434e-005	1.678e-010	1.00000	0.99000	
(2)	2362	4546	10750	41293	92830	304640	2ORDR	-1.22e-002	2.421e-005	2.842e-011	0.99998	0.99000	
(3)	1216	2377	5696	21309	49152	159300	2ORDR	-8.13e-003	4.555e-005	1.084e-010	1.00000	0.99000	
(4)	722	1432	3482	13877	33180	112340	2ORDR	1.172e-003	6.959e-005	1.728e-010	1.00000	0.99000	
(5)	800	1563	3735	13034	29685	93300	2ORDR	-1.44e-002	7.377e-005	3.598e-010	0.99999	0.99000	
Aroclor-1221				3301			2ORDR	0.00000000	3.029e-004	0.00000000	1.00000	0.99000	<
(2)				7686			2ORDR	0.00000000	1.301e-004	0.00000000	1.00000	0.99000	<
(3)				5624			2ORDR	0.00000000	1.778e-004	0.00000000	1.00000	0.99000	<
(4)				17610			2ORDR	0.00000000	5.679e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				4865			2ORDR	0.00000000	2.055e-004	0.00000000	1.00000	0.99000	<
(2)				14640			2ORDR	0.00000000	6.831e-005	0.00000000	1.00000	0.99000	<
(3)				9312			2ORDR	0.00000000	1.074e-004	0.00000000	1.00000	0.99000	<
(4)				7887			2ORDR	0.00000000	1.268e-004	0.00000000	1.00000	0.99000	<
(5)				16735			2ORDR	0.00000000	5.976e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1026	2017	4580	16012	35851	113600	2ORDR	-2.07e-002	6.141e-005	2.36e-010	0.99998	0.99000	
(2)	793	1590	3717	13823	31979	105340	2ORDR	-1.06e-002	7.092e-005	2.289e-010	0.99999	0.99000	
(3)	1761	3482	8171	30691	71569	240970	2ORDR	-1.02e-002	3.218e-005	3.887e-011	0.99999	0.99000	
(4)	921	1843	4353	16434	37883	127640	2ORDR	-1.15e-002	6.068e-005	1.392e-010	0.99999	0.99000	
(5)	576	1116	2712	10569	25419	89845	2ORDR	-3.73e-003	9.329e-005	2.01e-010	1.00000	0.99000	
Aroclor-1248	1090	2135	5270	20282	45723	155830	2ORDR	-1.3e-002	5.034e-005	8.937e-011	0.99996	0.99000	
(2)	993	1964	4881	19563	45588	159740	2ORDR	-4.98e-003	5.144e-005	7.009e-011	0.99999	0.99000	
(3)	1065	2074	5204	21337	49702	178670	2ORDR	-4.65e-003	4.775e-005	4.616e-011	0.99998	0.99000	
(4)	1284	2514	6199	24416	56158	199780	2ORDR	-1.07e-002	4.207e-005	4.028e-011	0.99997	0.99000	
(5)	765	1564	3960	17611	42753	163510	2ORDR	7.036e-003	5.707e-005	2.473e-011	0.99999	0.99000	
Aroclor-1254	1902	3677	8593	30202	71884	235460	2ORDR	-1.11e-002	3.167e-005	4.605e-011	0.99999	0.99000	
(2)	950	1908	4818	18474	46368	161370	2ORDR	5.935e-003	5.093e-005	6.813e-011	0.99998	0.99000	
(3)	1731	3432	8436	31555	78482	270560	2ORDR	1.456e-003	2.997e-005	2.582e-011	0.99999	0.99000	
(4)	1396	2745	6725	24732	62011	219810	2ORDR	-1.07e-003	3.857e-005	3.151e-011	0.99999	0.99000	
(5)	951	1883	4819	18060	45517	164200	2ORDR	2.263e-003	5.292e-005	4.853e-011	0.99999	0.99000	
Aroclor-1260	1084	2191	5334	20259	47206	154720	2ORDR	-4.79e-003	4.781e-005	1.089e-010	1.00000	0.99000	
(2)	1035	2079	5208	20731	48024	163560	2ORDR	-3.85e-003	4.8e-005	8.053e-011	0.99999	0.99000	
(3)	2120	4169	10255	44149	97577	350220	2ORDR	-9.67e-003	2.405e-005	1.296e-011	0.99990	0.99000	
(4)	1050	2063	5139	23115	51785	182790	2ORDR	-1.68e-003	4.491e-005	5.371e-011	0.99993	0.99000	
(5)	540	1091	2718	11543	25990	91046	2ORDR	-5.15e-003	8.943e-005	2.249e-010	0.99994	0.99000	
Tetrachloro-m-xylene	669	1393	3684	14543	38309	133950	2ORDR	3.838e-004	1.238e-006	1.881e-012	0.99994	0.99000	
Decachlorobiphenyl	640	1264	3073	11227	25958	83745	2ORDR	-1.77e-004	1.721e-006	7.991e-012	1.00000	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK4170 RF0.1: 6VK4171 RF0.25: 6VK4172
RF1: 6VK4178 RF2.5: 6VK4173 RF10: 6VK4174

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	4893	9335	21109	70634	153330	463190	2ORDR	-2.58e-002	1.371e-005	1.714e-011	0.99997	0.99000	
(2)	1939	3790	8985	31229	69038	214360	2ORDR	-1.91e-002	3.123e-005	7.238e-011	0.99998	0.99000	
(3)	8266	15655	35320	124310	268400	828980	2ORDR	-2.43e-002	7.967e-006	4.979e-012	0.99996	0.99000	
(4)	3310	6365	14839	52144	113700	355270	2ORDR	-2.24e-002	1.902e-005	2.588e-011	0.99996	0.99000	
(5)	2314	4657	11239	41618	91297	294740	2ORDR	-1.71e-002	2.423e-005	3.311e-011	0.99995	0.99000	
Aroclor-1221				6805			2ORDR	0.00000000	1.47e-004	0.00000000	1.00000	0.99000	<
(2)				24539			2ORDR	0.00000000	4.075e-005	0.00000000	1.00000	0.99000	<
(3)				48010			2ORDR	0.00000000	2.083e-005	0.00000000	1.00000	0.99000	<
(4)				11869			2ORDR	0.00000000	8.425e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				40705			2ORDR	0.00000000	2.457e-005	0.00000000	1.00000	0.99000	<
(2)				35664			2ORDR	0.00000000	2.804e-005	0.00000000	1.00000	0.99000	<
(3)				55204			2ORDR	0.00000000	1.811e-005	0.00000000	1.00000	0.99000	<
(4)				24174			2ORDR	0.00000000	4.137e-005	0.00000000	1.00000	0.99000	<
(5)				21934			2ORDR	0.00000000	4.559e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	3989	7646	17003	57326	125220	376290	2ORDR	-2.38e-002	1.672e-005	2.636e-011	0.99998	0.99000	
(2)	6521	12469	27864	95207	212440	662470	2ORDR	-2.32e-002	1.024e-005	7.38e-012	0.99998	0.99000	
(3)	2694	5157	11717	40649	91616	285280	2ORDR	-1.85e-002	2.373e-005	3.994e-011	0.99999	0.99000	
(4)	2408	4569	10466	34997	77509	235800	2ORDR	-2.26e-002	2.742e-005	6.4e-011	0.99998	0.99000	
(5)	2629	4993	11461	39901	89999	282900	2ORDR	-1.88e-002	2.434e-005	3.916e-011	0.99999	0.99000	
Aroclor-1248	3978	7625	17420	61770	132860	423300	2ORDR	-2.73e-002	1.65e-005	1.7e-011	0.99993	0.99000	
(2)	2486	4749	11148	40447	88393	293390	2ORDR	-2.51e-002	2.559e-005	2.926e-011	0.99993	0.99000	
(3)	4192	7953	18296	65378	141920	468470	2ORDR	-2.86e-002	1.588e-005	1.18e-011	0.99992	0.99000	
(4)	3628	6953	16199	58913	128000	423880	2ORDR	-2.6e-002	1.763e-005	1.423e-011	0.99992	0.99000	
(5)	3767	7150	16826	62378	138200	466820	2ORDR	-2.19e-002	1.658e-005	1.048e-011	0.99994	0.99000	
Aroclor-1254	1748	3394	7877	26898	59313	183520	2ORDR	-2.23e-002	3.629e-005	9.987e-011	0.99998	0.99000	
(2)	1795	3502	8228	28807	64995	207360	2ORDR	-1.84e-002	3.407e-005	6.872e-011	0.99998	0.99000	
(3)	3493	6561	15304	53307	123450	395260	2ORDR	-1.54e-002	1.808e-005	1.836e-011	0.99999	0.99000	
(4)	6331	11832	27421	92305	215480	686270	2ORDR	-1.74e-002	1.035e-005	6.183e-012	0.99999	0.99000	
(5)	5610	10656	24416	81956	190240	616580	2ORDR	-2.11e-002	1.188e-005	7.094e-012	0.99999	0.99000	
Aroclor-1260	4880	9483	22235	83217	180690	592560	2ORDR	-2.13e-002	1.237e-005	7.668e-012	0.99993	0.99000	
(2)	4055	7766	18111	65662	146310	477680	2ORDR	-2.01e-002	1.534e-005	1.181e-011	0.99997	0.99000	
(3)	7699	14712	33740	127130	281430	934820	2ORDR	-1.98e-002	8.049e-006	2.857e-012	0.99995	0.99000	
(4)	4399	8552	19921	74185	164030	550580	2ORDR	-2.13e-002	1.39e-005	7.811e-012	0.99994	0.99000	
(5)	1933	3740	8869	33229	74705	251410	2ORDR	-1.71e-002	3.064e-005	3.662e-011	0.99997	0.99000	
Tetrachloro-m-xylene	2431	5027	13175	47208	113110	364480	2ORDR	-6.67e-006	3.961e-007	4.188e-013	0.99999	0.99000	
Decachlorobiphenyl	1754	3473	8064	27882	63112	201010	2ORDR	-3.85e-004	7.018e-007	1.469e-012	0.99998	0.99000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA3022 RF0.1: 6WA3023 RF0.25: 6WA3024
RF1: 6WA3030 RF2.5: 6WA3025 RF10: 6WA3026

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1261	2411	5714	20093	44120	143490	2ORDR	-2.51e-002	5.066e-005	1.339e-010	0.99995	0.99000	
(2)	3307	6138	14309	49100	106580	340770	2ORDR	-2.94e-002	2.071e-005	2.562e-011	0.99994	0.99000	
(3)	1655	3133	7278	25128	54870	175990	2ORDR	-2.78e-002	4.034e-005	9.46e-011	0.99995	0.99000	
(4)	1097	2120	4726	16806	37357	124460	2ORDR	-2.7e-002	6.108e-005	1.567e-010	0.99995	0.99000	
(5)	1070	2020	4715	15452	32731	102290	2ORDR	-3.61e-002	6.597e-005	3.146e-010	0.99990	0.99000	
Aroclor-1221				3691			2ORDR	0.00000000	2.709e-004	0.00000000	1.00000	0.99000	<
(2)				9076			2ORDR	0.00000000	1.102e-004	0.00000000	1.00000	0.99000	<
(3)				6625			2ORDR	0.00000000	1.509e-004	0.00000000	1.00000	0.99000	<
(4)				20515			2ORDR	0.00000000	4.874e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				5706			2ORDR	0.00000000	1.753e-004	0.00000000	1.00000	0.99000	<
(2)				16935			2ORDR	0.00000000	5.905e-005	0.00000000	1.00000	0.99000	<
(3)				10754			2ORDR	0.00000000	9.299e-005	0.00000000	1.00000	0.99000	<
(4)				9186			2ORDR	0.00000000	1.089e-004	0.00000000	1.00000	0.99000	<
(5)				22275			2ORDR	0.00000000	4.489e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1244	2396	5320	18366	40245	125100	2ORDR	-2.52e-002	5.37e-005	2.114e-010	0.99997	0.99000	
(2)	992	1943	4388	15868	35631	114130	2ORDR	-1.8e-002	6.224e-005	2.239e-010	0.99998	0.99000	
(3)	2589	4929	11060	38692	86280	271590	2ORDR	-2.17e-002	2.538e-005	4.244e-011	0.99998	0.99000	
(4)	1297	2501	5625	19754	44350	140040	2ORDR	-2.e-002	4.954e-005	1.572e-010	0.99998	0.99000	
(5)	1256	1910	3825	13155	30419	99230	2ORDR	-3.2e-002	7.514e-005	2.617e-010	0.99998	0.99000	
Aroclor-1248	1559	2993	6775	22884	52469	171780	2ORDR	-2.44e-002	4.33e-005	8.766e-011	0.99998	0.99000	
(2)	1409	2722	6323	22416	52677	177620	2ORDR	-1.58e-002	4.398e-005	6.99e-011	0.99999	0.99000	
(3)	1879	3588	8139	27658	63219	208410	2ORDR	-2.51e-002	3.608e-005	5.769e-011	0.99998	0.99000	
(4)	2057	3901	8893	30013	68875	227190	2ORDR	-2.5e-002	3.316e-005	4.826e-011	0.99998	0.99000	
(5)	1435	2763	6515	23833	56803	194500	2ORDR	-1.05e-002	4.115e-005	5.305e-011	1.00000	0.99000	
Aroclor-1254	2716	4713	10882	37621	82077	256910	2ORDR	-2.67e-002	2.647e-005	4.892e-011	0.99996	0.99000	
(2)	1481	2680	6467	24340	55237	180250	2ORDR	-1.21e-002	4.064e-005	8.272e-011	0.99999	0.99000	
(3)	2731	4898	11668	42765	95502	306060	2ORDR	-1.66e-002	2.317e-005	3.123e-011	0.99998	0.99000	
(4)	2471	4503	10491	38097	84331	271030	2ORDR	-2.03e-002	2.629e-005	3.944e-011	0.99997	0.99000	
(5)	1542	2884	6913	26564	61904	203820	2ORDR	-5.84e-003	3.66e-005	6.129e-011	1.00000	0.99000	
Aroclor-1260	1653	3100	7292	25043	54854	178230	2ORDR	-2.89e-002	4.078e-005	8.696e-011	0.99994	0.99000	
(2)	1552	2924	7062	24931	56153	185040	2ORDR	-2.07e-002	4.034e-005	7.471e-011	0.99997	0.99000	
(3)	3414	6279	15064	53652	121210	408540	2ORDR	-2.22e-002	1.898e-005	1.359e-011	0.99997	0.99000	
(4)	1732	3215	8001	29011	65755	220740	2ORDR	-1.73e-002	3.483e-005	4.78e-011	0.99997	0.99000	
(5)	904	1701	4252	15233	34457	115610	2ORDR	-1.85e-002	6.646e-005	1.748e-010	0.99997	0.99000	
Tetrachloro-m-xylene	927	1802	4396	17512	39796	127580	2ORDR	-5.64e-005	1.109e-006	3.603e-012	0.99999	0.99000	
Decachlorobiphenyl	873	1698	4226	14313	31521	98582	2ORDR	-4.28e-004	1.376e-006	6.673e-012	0.99997	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA4022 RF0.1: 6WA4023 RF0.25: 6WA4024
RF1: 6WA4030 RF2.5: 6WA4025 RF10: 6WA4026

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	5195	9616	22068	76142	157120	489630	2ORDR	-3.55e-002	1.359e-005	1.413e-011	0.99986	0.99000	
(2)	2234	4326	9716	34352	73712	229900	2ORDR	-2.61e-002	2.921e-005	6.267e-011	0.99994	0.99000	
(3)	8705	16346	37006	133000	283240	883350	2ORDR	-2.57e-002	7.582e-006	4.268e-012	0.99993	0.99000	
(4)	3666	7089	15614	55910	119460	375580	2ORDR	-2.74e-002	1.813e-005	2.282e-011	0.99993	0.99000	
(5)	2668	5226	11756	44193	96554	310160	2ORDR	-1.93e-002	2.285e-005	3.05e-011	0.99995	0.99000	
Aroclor-1221				6820			2ORDR	0.00000000	1.466e-004	0.00000000	1.00000	0.99000	<
(2)				24882			2ORDR	0.00000000	4.019e-005	0.00000000	1.00000	0.99000	<
(3)				48199			2ORDR	0.00000000	2.075e-005	0.00000000	1.00000	0.99000	<
(4)				11602			2ORDR	0.00000000	8.619e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				41389			2ORDR	0.00000000	2.416e-005	0.00000000	1.00000	0.99000	<
(2)				36577			2ORDR	0.00000000	2.734e-005	0.00000000	1.00000	0.99000	<
(3)				58825			2ORDR	0.00000000	1.7e-005	0.00000000	1.00000	0.99000	<
(4)				25739			2ORDR	0.00000000	3.885e-005	0.00000000	1.00000	0.99000	<
(5)				23092			2ORDR	0.00000000	4.331e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	4160	7744	17312	58888	134390	408180	2ORDR	-1.63e-002	1.588e-005	2.121e-011	0.99999	0.99000	
(2)	6861	12710	28921	103810	228150	702470	2ORDR	-1.85e-002	9.369e-006	6.967e-012	0.99998	0.99000	
(3)	3031	5404	12534	44353	97740	301660	2ORDR	-1.96e-002	2.195e-005	3.737e-011	0.99998	0.99000	
(4)	2345	4003	9518	32883	71555	217660	2ORDR	-2.22e-002	2.953e-005	7.591e-011	0.99997	0.99000	
(5)	2791	5180	12196	43569	95737	298480	2ORDR	-1.9e-002	2.256e-005	3.69e-011	0.99997	0.99000	
Aroclor-1248	4307	8169	18797	62078	142180	455450	2ORDR	-2.41e-002	1.574e-005	1.378e-011	0.99998	0.99000	
(2)	2657	5115	12346	42421	98310	322420	2ORDR	-1.74e-002	2.31e-005	2.472e-011	0.99999	0.99000	
(3)	4398	8309	19486	66906	152750	502190	2ORDR	-2.23e-002	1.488e-005	1.012e-011	0.99998	0.99000	
(4)	3833	7248	17243	59545	137140	452410	2ORDR	-1.96e-002	1.662e-005	1.222e-011	0.99998	0.99000	
(5)	3757	7181	17508	61874	147920	495910	2ORDR	-1.02e-002	1.562e-005	9.206e-012	0.99999	0.99000	
Aroclor-1254	1906	3164	8290	31030	65558	197630	2ORDR	-1.34e-002	3.145e-005	9.728e-011	0.99994	0.99000	
(2)	1867	3279	8403	32609	71247	223040	2ORDR	-8.95e-003	3.016e-005	6.599e-011	0.99996	0.99000	
(3)	3565	6372	15707	58793	132390	416980	2ORDR	-9.41e-003	1.647e-005	1.808e-011	0.99999	0.99000	
(4)	6642	11899	28313	102850	230970	719350	2ORDR	-1.32e-002	9.372e-006	6.323e-012	0.99999	0.99000	
(5)	6540	11818	27639	99792	219880	690130	2ORDR	-1.89e-002	9.884e-006	6.717e-012	0.99997	0.99000	
Aroclor-1260	5462	10093	24535	87883	193950	623480	2ORDR	-2.01e-002	1.142e-005	7.472e-012	0.99996	0.99000	
(2)	4553	8257	20336	72411	157380	508600	2ORDR	-2.39e-002	1.409e-005	1.106e-011	0.99994	0.99000	
(3)	9266	16479	40574	145090	327740	1001100	2ORDR	-9.84e-003	6.496e-006	3.499e-012	1.00000	0.99000	
(4)	5129	9279	23182	82607	184250	597500	2ORDR	-1.88e-002	1.212e-005	7.788e-012	0.99997	0.99000	
(5)	2261	4348	10599	38590	88506	287780	2ORDR	-1.18e-002	2.537e-005	3.276e-011	0.99999	0.99000	
Tetrachloro-m-xylene	2933	5713	13793	53874	116660	368070	2ORDR	-2.33e-004	3.703e-007	4.723e-013	0.99995	0.99000	
Decachlorobiphenyl	2037	3806	9280	32356	70081	216290	2ORDR	-4.23e-004	6.09e-007	1.469e-012	0.99996	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1908

Lab File ID: 6VK3155 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1510000	1.0000000	20065.000	0.01	15.10	15.00	2RDR	<-
(2)	1.1315000	1.0000000	44876.000	0.01	13.15	15.00	2RDR	
(3)	1.1438000	1.0000000	23925.000	0.01	14.38	15.00	2RDR	
(4)	1.1366000	1.0000000	15704.000	0.01	13.66	15.00	2RDR	
(5)	1.0940000	1.0000000	14060.000	0.01	9.40	15.00	2RDR	
Average %D: 13.140								

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1908

Lab File ID: 6VK4155 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1747000	1.0000000	86856.000	0.01	17.47	15.00	2RDR	<-
(2)	1.1698000	1.0000000	36176.000	0.01	16.98	15.00	2RDR	<-
(3)	1.1492000	1.0000000	146170.00	0.01	14.92	15.00	2RDR	
(4)	1.1547000	1.0000000	59960.000	0.01	15.47	15.00	2RDR	<-
(5)	1.1496000	1.0000000	45048.000	0.01	14.96	15.00	2RDR	
Average %D: 15.960								

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1936

Lab File ID: 6VK3156 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1126000	1.0000000	22244.000	0.01	11.26	15.00	2RDR
(2)	1.0917000	1.0000000	22013.000	0.01	9.17	15.00	2RDR
(3)	1.0684000	1.0000000	43798.000	0.01	6.84	15.00	2RDR
(4)	1.0619000	1.0000000	23049.000	0.01	6.19	15.00	2RDR
(5)	1.0851000	1.0000000	11838.000	0.01	8.51	15.00	2RDR
Average %D: 8.3900							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1936

Lab File ID: 6VK4156 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1260	1.1090000	1.0000000	86706.000	0.01	10.90	15.00	2RDR	
(2)	1.1398000	1.0000000	71662.000	0.01	13.98	15.00	2RDR	
(3)	1.1113000	1.0000000	134130.00	0.01	11.13	15.00	2RDR	
(4)	1.1427000	1.0000000	80116.000	0.01	14.27	15.00	2RDR	
(5)	1.1508000	1.0000000	36520.000	0.01	15.08	15.00	2RDR	<-
Average %D: 13.070								

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/04/06 Time: 1136

Lab File ID: 6WA1002 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9561700	1.0000000	16846.000	0.01	-4.38	15.00	2RDR
(2)	0.8979000	1.0000000	36065.000	0.01	-10.21	15.00	2RDR
(3)	0.9194800	1.0000000	19462.000	0.01	-8.05	15.00	2RDR
(4)	0.9068500	1.0000000	12619.000	0.01	-9.32	15.00	2RDR
(5)	0.9903500	1.0000000	12818.000	0.01	-0.96	15.00	2RDR
Average %D: -6.580							
Aroclor-1260	0.9437800	1.0000000	19016.000	0.01	-5.62	15.00	2RDR
(2)	0.9337300	1.0000000	18933.000	0.01	-6.63	15.00	2RDR
(3)	0.9191500	1.0000000	37854.000	0.01	-8.08	15.00	2RDR
(4)	0.8839500	1.0000000	19277.000	0.01	-11.60	15.00	2RDR
(5)	0.8847200	1.0000000	9713.0000	0.01	-11.53	15.00	2RDR
Average %D: -8.690							
Tetrachloro-m-xylene	1.93e-002	2.e-002	747550.00	0.01	-3.50	15.00	2RDR
Decachlorobiphenyl	1.77e-002	2.e-002	496250.00	0.01	-11.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/04/06 Time: 1136

Lab File ID: 6WA2002 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9670700	1.0000000	66831.000	0.01	-3.29	15.00	2RDR	
(2)	0.9814400	1.0000000	29959.000	0.01	-1.86	15.00	2RDR	
(3)	0.9144000	1.0000000	110230.00	0.01	-8.56	15.00	2RDR	
(4)	0.9424200	1.0000000	47637.000	0.01	-5.76	15.00	2RDR	
(5)	0.9233400	1.0000000	36942.000	0.01	-7.67	15.00	2RDR	
Average %D: -5.430								
Aroclor-1260	0.9214200	1.0000000	72908.000	0.01	-7.86	15.00	2RDR	
(2)	0.9312800	1.0000000	59312.000	0.01	-6.87	15.00	2RDR	
(3)	0.9411400	1.0000000	114710.00	0.01	-5.89	15.00	2RDR	
(4)	0.8928800	1.0000000	63487.000	0.01	-10.71	15.00	2RDR	
(5)	0.8722000	1.0000000	28080.000	0.01	-12.78	15.00	2RDR	
Average %D: -8.820								
Tetrachloro-m-xylene	1.9e-002	2.e-002	2285300.0	0.01	-5.00	15.00	2RDR	
Decachlorobiphenyl	1.62e-002	2.e-002	1125900.0	0.01	-19.00	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 0013

Lab File ID: 6WA1027 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2479900	0.2500000	18500.000	0.01	-0.80	15.00	2RDR	
(2)	0.2129700	0.2500000	36808.000	0.01	-14.81	15.00	2RDR	
(3)	0.2337300	0.2500000	20976.000	0.01	-6.51	15.00	2RDR	
(4)	0.2338300	0.2500000	13264.000	0.01	-6.47	15.00	2RDR	
(5)	0.2704800	0.2500000	15164.000	0.01	8.19	15.00	2RDR	
Average %D: -4.080								
Aroclor-1260	0.2553400	0.2500000	21500.000	0.01	2.14	15.00	2RDR	
(2)	0.2414700	0.2500000	20272.000	0.01	-3.41	15.00	2RDR	
(3)	0.2216400	0.2500000	38280.000	0.01	-11.34	15.00	2RDR	
(4)	0.2163800	0.2500000	19312.000	0.01	-13.45	15.00	2RDR	
(5)	0.2274400	0.2500000	10336.000	0.01	-9.02	15.00	2RDR	
Average %D: -7.000								
Tetrachloro-m-xylene	5.27e-003	5.e-003	784800.00	0.01	5.40	15.00	2RDR	<-
Decachlorobiphenyl	5.18e-003	5.e-003	613600.00	0.01	3.60	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 0013

Lab File ID: 6WA2027 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2607300	0.2500000	81516.000	0.01	4.29	15.00	2RDR	
(2)	0.2628100	0.2500000	35388.000	0.01	5.12	15.00	2RDR	
(3)	0.2364400	0.2500000	128350.00	0.01	-5.42	15.00	2RDR	
(4)	0.2461700	0.2500000	55428.000	0.01	-1.53	15.00	2RDR	
(5)	0.2317400	0.2500000	40508.000	0.01	-7.30	15.00	2RDR	
Average %D: -0.960								
Aroclor-1260	0.2499100	0.2500000	86536.000	0.01	-0.04	15.00	2RDR	
(2)	0.2620900	0.2500000	72576.000	0.01	4.84	15.00	2RDR	
(3)	0.2602200	0.2500000	137470.00	0.01	4.09	15.00	2RDR	
(4)	0.2616400	0.2500000	80488.000	0.01	4.66	15.00	2RDR	
(5)	0.2649900	0.2500000	36428.000	0.01	6.00	15.00	2RDR	
Average %D: 3.9200								
Tetrachloro-m-xylene	5.36e-003	5.e-003	2671800.0	0.01	7.20	15.00	2RDR	<-
Decachlorobiphenyl	5.47e-003	5.e-003	1639800.0	0.01	9.40	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 1212

Lab File ID: 6WA1050 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0092000	1.0000000	17727.000	0.01	0.92	15.00	2RDR
(2)	0.9548600	1.0000000	38229.000	0.01	-4.51	15.00	2RDR
(3)	0.9704600	1.0000000	20484.000	0.01	-2.95	15.00	2RDR
(4)	0.9760000	1.0000000	13552.000	0.01	-2.40	15.00	2RDR
(5)	1.0404000	1.0000000	13419.000	0.01	4.04	15.00	2RDR
Average %D: -0.980							
Aroclor-1260	0.9960000	1.0000000	20019.000	0.01	-0.40	15.00	2RDR
(2)	0.9769200	1.0000000	19778.000	0.01	-2.31	15.00	2RDR
(3)	0.9777400	1.0000000	40192.000	0.01	-2.23	15.00	2RDR
(4)	0.9559000	1.0000000	20806.000	0.01	-4.41	15.00	2RDR
(5)	0.9864700	1.0000000	10795.000	0.01	-1.35	15.00	2RDR
Average %D: -2.140							
Tetrachloro-m-xylene	2.09e-002	2.e-002	808400.00	0.01	4.50	15.00	2RDR
Decachlorobiphenyl	2.05e-002	2.e-002	569600.00	0.01	2.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/05/06 Time: 1212

Lab File ID: 6WA2050 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.1365000	1.0000000	77304.000	0.01	13.65	15.00	2RDR
(2)	1.1334000	1.0000000	34194.000	0.01	13.34	15.00	2RDR
(3)	1.0688000	1.0000000	127110.00	0.01	6.88	15.00	2RDR
(4)	1.0748000	1.0000000	53752.000	0.01	7.48	15.00	2RDR
(5)	1.0632000	1.0000000	42150.000	0.01	6.32	15.00	2RDR
Average %D: 9.5300							
Aroclor-1260	0.9852100	1.0000000	77624.000	0.01	-1.48	15.00	2RDR
(2)	0.9891900	1.0000000	62763.000	0.01	-1.08	15.00	2RDR
(3)	1.0210000	1.0000000	123860.00	0.01	2.10	15.00	2RDR
(4)	0.9860000	1.0000000	69718.000	0.01	-1.40	15.00	2RDR
(5)	1.0023000	1.0000000	32042.000	0.01	0.23	15.00	2RDR
Average %D: -0.330							
Tetrachloro-m-xylene	2.3e-002	2.e-002	2745000.0	0.01	15.00	15.00	2RDR
Decachlorobiphenyl	1.98e-002	2.e-002	1358900.0	0.01	-1.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1604

Lab File ID: 6WA3007 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1808000	1.0000000	22468.000	0.01	18.08	15.00	2RDR	<-
(2)	1.1779000	1.0000000	54617.000	0.01	17.79	15.00	2RDR	<-
(3)	1.1863000	1.0000000	28226.000	0.01	18.63	15.00	2RDR	<-
(4)	1.1925000	1.0000000	19037.000	0.01	19.25	15.00	2RDR	<-
(5)	1.1261000	1.0000000	16344.000	0.01	12.61	15.00	2RDR	
Average %D: 17.270								

17.27

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1604

Lab File ID: 6WA4007 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.2270000	1.0000000	85345.000	0.01	22.70	15.00	2RDR	<-
(2)	1.2101000	1.0000000	39045.000	0.01	21.01	15.00	2RDR	<-
(3)	1.1652000	1.0000000	145200.00	0.01	16.52	15.00	2RDR	<-
(4)	1.1909000	1.0000000	62299.000	0.01	19.09	15.00	2RDR	<-
(5)	1.1752000	1.0000000	49064.000	0.01	17.52	15.00	2RDR	<-
Average %D: 19.370								

19.37

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA3008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1270000	1.0000000	26811.000	0.01	12.70	15.00	2RDR
(2)	1.1132000	1.0000000	26780.000	0.01	11.32	15.00	2RDR
(3)	1.1214000	1.0000000	57849.000	0.01	12.14	15.00	2RDR
(4)	1.1062000	1.0000000	30940.000	0.01	10.62	15.00	2RDR
(5)	1.1156000	1.0000000	16361.000	0.01	11.56	15.00	2RDR
Average %D: 11.670							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA4008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1110000	1.0000000	93382.000	0.01	11.10	15.00	2RDR
(2)	1.1272000	1.0000000	77054.000	0.01	12.72	15.00	2RDR
(3)	1.0851000	1.0000000	155540.00	0.01	8.51	15.00	2RDR
(4)	1.1124000	1.0000000	88344.000	0.01	11.24	15.00	2RDR
(5)	1.1068000	1.0000000	41838.000	0.01	10.68	15.00	2RDR
Average %D: 10.850							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/18/06 Time: 1225

Lab File ID: 6WA1230 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9986100	1.0000000	17552.000	0.01	-0.14	15.00	2RDR
(2)	1.0018000	1.0000000	40004.000	0.01	0.18	15.00	2RDR
(3)	0.9897300	1.0000000	20869.000	0.01	-1.03	15.00	2RDR
(4)	0.9875200	1.0000000	13707.000	0.01	-1.25	15.00	2RDR
(5)	1.0230000	1.0000000	13211.000	0.01	2.30	15.00	2RDR
Average %D: 0.0100							
Aroclor-1260	1.0468000	1.0000000	20990.000	0.01	4.68	15.00	2RDR
(2)	1.0077000	1.0000000	20378.000	0.01	0.77	15.00	2RDR
(3)	1.0159000	1.0000000	41711.000	0.01	1.59	15.00	2RDR
(4)	0.9877000	1.0000000	21480.000	0.01	-1.23	15.00	2RDR
(5)	1.1263000	1.0000000	12273.000	0.01	12.63	15.00	2RDR
Average %D: 3.6900							
Tetrachloro-m-xylene	1.98e-002	2.e-002	767450.00	0.01	-1.00	15.00	2RDR
Decachlorobiphenyl	2.16e-002	2.e-002	599050.00	0.01	8.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/18/06 Time: 1225

Lab File ID: 6WA2230 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0016000	1.0000000	68984.000	0.01	0.16	15.00	2RDR
(2)	0.9894100	1.0000000	30183.000	0.01	-1.06	15.00	2RDR
(3)	1.0060000	1.0000000	120280.00	0.01	0.60	15.00	2RDR
(4)	0.9793400	1.0000000	49352.000	0.01	-2.07	15.00	2RDR
(5)	0.9824100	1.0000000	39150.000	0.01	-1.76	15.00	2RDR
Average %D: -0.820							
Aroclor-1260	1.0067000	1.0000000	79205.000	0.01	0.67	15.00	2RDR
(2)	1.0186000	1.0000000	64512.000	0.01	1.86	15.00	2RDR
(3)	1.0993000	1.0000000	132780.00	0.01	9.93	15.00	2RDR
(4)	1.0624000	1.0000000	74799.000	0.01	6.24	15.00	2RDR
(5)	1.0753000	1.0000000	34250.000	0.01	7.53	15.00	2RDR
Average %D: 5.2500							
Tetrachloro-m-xylene	1.98e-002	2.e-002	2379400.0	0.01	-1.00	15.00	2RDR
Decachlorobiphenyl	2.05e-002	2.e-002	1405800.0	0.01	2.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 0844

Lab File ID: 6WA1249 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9838700	1.0000000	17307.000	0.01	-1.61	15.00	2RDR	
(2)	0.8934400	1.0000000	35895.000	0.01	-10.66	15.00	2RDR	
(3)	0.9370700	1.0000000	19815.000	0.01	-6.29	15.00	2RDR	
(4)	0.9435000	1.0000000	13114.000	0.01	-5.65	15.00	2RDR	
(5)	1.0486000	1.0000000	13518.000	0.01	4.86	15.00	2RDR	
Average %D: -3.870								
Aroclor-1260	0.9819200	1.0000000	19749.000	0.01	-1.81	15.00	2RDR	
(2)	0.9347500	1.0000000	18953.000	0.01	-6.52	15.00	2RDR	
(3)	0.8318200	1.0000000	34358.000	0.01	-16.82	15.00	2RDR	<-
(4)	0.7800200	1.0000000	17059.000	0.01	-22.00	15.00	2RDR	<-
(5)	0.8588500	1.0000000	9437.0000	0.01	-14.12	15.00	2RDR	
Average %D: -12.25								
Tetrachloro-m-xylene	1.99e-002	2.e-002	768950.00	0.01	-0.50	15.00	2RDR	
Decachlorobiphenyl	2.09e-002	2.e-002	581300.00	0.01	4.50	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 0844

Lab File ID: 6WA2249 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.0906000	1.0000000	74490.000	0.01	9.06	15.00	2RDR	
(2)	1.1502000	1.0000000	34658.000	0.01	15.02	15.00	2RDR	<-
(3)	1.0182000	1.0000000	121610.00	0.01	1.82	15.00	2RDR	
(4)	1.0634000	1.0000000	53231.000	0.01	6.34	15.00	2RDR	
(5)	1.0478000	1.0000000	41580.000	0.01	4.78	15.00	2RDR	
Average %D: 7.4000								
Aroclor-1260	0.9994900	1.0000000	78676.000	0.01	-0.05	15.00	2RDR	
(2)	1.0288000	1.0000000	65115.000	0.01	2.88	15.00	2RDR	
(3)	1.0292000	1.0000000	124790.00	0.01	2.92	15.00	2RDR	
(4)	1.0337000	1.0000000	72897.000	0.01	3.37	15.00	2RDR	
(5)	1.0377000	1.0000000	33113.000	0.01	3.77	15.00	2RDR	
Average %D: 2.5800								
Tetrachloro-m-xylene	2.15e-002	2.e-002	2575200.0	0.01	7.50	15.00	2RDR	
Decachlorobiphenyl	2.16e-002	2.e-002	1473600.0	0.01	8.00	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 1218

Lab File ID: 6WA3050 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0456000	1.0000000	20069.000	0.01	4.56	15.00	2RDR
(2)	1.0506000	1.0000000	49171.000	0.01	5.06	15.00	2RDR
(3)	1.0463000	1.0000000	25142.000	0.01	4.63	15.00	2RDR
(4)	1.0422000	1.0000000	16784.000	0.01	4.22	15.00	2RDR
(5)	1.0553000	1.0000000	15413.000	0.01	5.53	15.00	2RDR
Average %D: 4.8000							
Aroclor-1260	1.0416000	1.0000000	24926.000	0.01	4.16	15.00	2RDR
(2)	1.0291000	1.0000000	24879.000	0.01	2.91	15.00	2RDR
(3)	1.0214000	1.0000000	52970.000	0.01	2.14	15.00	2RDR
(4)	1.0295000	1.0000000	28906.000	0.01	2.95	15.00	2RDR
(5)	1.0263000	1.0000000	15121.000	0.01	2.63	15.00	2RDR
Average %D: 2.9600							
Tetrachloro-m-xylene	1.94e-002	2.e-002	832100.00	0.01	-3.00	15.00	2RDR
Decachlorobiphenyl	2.09e-002	2.e-002	724400.00	0.01	4.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 1218

Lab File ID: 6WA4050 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0775000	1.0000000	75922.000	0.01	7.75	15.00	2RDR
(2)	1.0737000	1.0000000	35015.000	0.01	7.37	15.00	2RDR
(3)	1.0612000	1.0000000	133350.00	0.01	6.12	15.00	2RDR
(4)	1.0502000	1.0000000	55542.000	0.01	5.02	15.00	2RDR
(5)	1.0507000	1.0000000	44222.000	0.01	5.07	15.00	2RDR
Average %D: 6.2700							
Aroclor-1260	1.0343000	1.0000000	87376.000	0.01	3.43	15.00	2RDR
(2)	1.0269000	1.0000000	70677.000	0.01	2.69	15.00	2RDR
(3)	0.9932200	1.0000000	143350.00	0.01	-0.68	15.00	2RDR
(4)	1.0298000	1.0000000	82197.000	0.01	2.98	15.00	2RDR
(5)	1.0122000	1.0000000	38460.000	0.01	1.22	15.00	2RDR
Average %D: 1.9300							
Tetrachloro-m-xylene	2.04e-002	2.e-002	2610200.0	0.01	2.00	15.00	2RDR
Decachlorobiphenyl	2.1e-002	2.e-002	1631000.0	0.01	5.00	15.00	2RDR

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/15/05
Analysis Date: 04-JAN-2006 14:20
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23924-1
Client ID: WG23924-Blank
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 04-JAN-2006 15:45
Report Date: 01/10/2006
Matrix: WATER
% Solids: NA

Lab ID: WG23986-1
Client ID: WG23986-Blank
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		80%				
2051-24-3	Decachlorobiphenyl		J 44%				

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG23924-BLANK	WG23924-1	83	87	72	68			0
02	WG23924-LCS	WG23924-2	78	74	64	60			0
03	WG23924-LCSD	WG23924-3	80	77	71	67			0
04	WG23986-BLANK	WG23986-1	80	76	44J	42J			2
05	WG23986-LCS	WG23986-2	84	81	48J	46J			2
06	3221GW0401	WV6662-1	82	78	54	52J			1
07	3221GW0501	WV6662-2	85	85	68	66			0
08	3221GW0801	WV6662-3	87	86	74	71			0
09	3221GW0701	WV6662-4	86	84	59	58			0
10	3221GW0901	WV6662-6	81	81	45J	45J			2
11	3221GW1001	WV6662-7	85	84	65	64			0
12	3221GW1001D	WV6662-8	85	82	48J	46J			2
13	44GW1401	WV6687-1	86	85	54	52J			1
14	44GW1101	WV6687-2	85	83	55	56			0
15	44GW1001	WV6687-3	87	86	56	57			0
16	44GW0901	WV6687-4	83	81	43J	43J			2
17	44GW1901	WV6687-5	88	86	60	60			0
18	44GW1801	WV6687-7	89	88	65	66			0
19	44GW1301	WV6687-8	87	86	49J	49J			2
20	44GW1501	WV6687-9	88	88	48J	49J			2
21	44GW1201	WV6687-10	86	86	45J	46J			2
22	3221GW0601	WV6687-11	83	79	67	68			0
23	44GW1501D	WV6687-12	84	84	36J	38J			2
24	44GW0901MS	WG23986-3	82	82	41J	42J			2
25	44GW0901MSD	WG23986-4	81	82	41J	41J			2
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24698-BLANK	WG24698-1	87	91	34J	36J			2
02	WG24698-LCS	WG24698-2	85	88	47J	49J			2
03	44GW0901	WV6687-4RE	83	80	42J	41J			2
04	44GW1301	WV6687-8RE	88	76	49J	48J			2
05	44GW1501	WV6687-9RE	92	86	46J	46J			2
06	44GW1201	WV6687-10RE	92	86	43J	42J			2
07	44GW1501D	WV6687-12RE	72	69	21J	21J			2
08	3221GW0901	WV6662-6RE	89	84	52J	53J			2
09	3221GW1001D	WV6662-8RE	90	84	58	58			0
10	44GW0901MS	WG24698-3	93	87	42J	43J			2
11	44GW0901MSD	WG24698-4	92	86	35J	36J			2
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS
S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/16/06
Analysis Date: 01/18/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24698-2
Client ID: WG24698-LCS
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	5.4	108	51-146
Aroclor-1260	5.0	NA	4.8	97	63-132

FORM III PEST-1

6WA1245.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/17/05
Analysis Date: 01/04/06
Report Date: 01/10/2006
Matrix: WATER

Lab ID: WG23986-2
Client ID: WG23986-LCS
SDG: CTO367-3
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG23986
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.7	94	51-146
Aroclor-1260	5.0	NA	3.9	78	63-132

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 01/16/06
Analysis Date: 01/20/06
Report Date: 01/20/2006
Matrix: WATER

Lab ID: WG24698-3 & WG24698-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24698
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	5.1	5.0	0.00	5.4	5.1	105	102	5	30	51-146
Aroclor-1260	5.1	5.0	0.00	4.5	4.0	87	81	10	30	63-132

FORM III PEST-1

6WA3046.d & 6WA3047.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

		QC LIMITS
S1	= O-Terphenyl	(+/- 0.36 MINUTES)
S2	= n-Triacontane-D62	(+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.87 S2 : 23.89

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	01/09/06	1259	17.88	23.89
02	WG24053-BLAN	WG24053-1	01/09/06	1630	17.87	23.90
03	3221GW0401	WV6662-1	01/09/06	1740	17.88	23.90
04	3221GW0501	WV6662-2	01/09/06	1850	17.87	23.89
05	3221GW0801	WV6662-3	01/09/06	2000	17.87	23.90
06	3221GW0701	WV6662-4	01/09/06	2110	17.88	23.90
07	3221GW0901	WV6662-6	01/09/06	2220	17.87	23.89
08	3221GW1001	WV6662-7	01/09/06	2330	17.88	23.89
09	3221GW1001D	WV6662-8	01/10/06	0041	17.88	23.89
10	44GW1401	WV6687-1	01/10/06	0151	17.88	23.90
11		FLPRO 50UG/M	01/10/06	0520	17.88	23.89
12	44GW1101	WV6687-2	01/10/06	0630	17.87	23.89
13	44GW1001	WV6687-3	01/10/06	0740	17.88	23.89
14	44GW0901	WV6687-4	01/10/06	0850	17.87	23.89
15	44GW1801	WV6687-7	01/10/06	1000	17.87	23.89
16	44GW1301	WV6687-8	01/10/06	1110	17.87	23.89
17	44GW1501	WV6687-9	01/10/06	1220	17.87	23.89
18	44GW1201	WV6687-10	01/10/06	1330	17.87	23.89
19	3221GW0601	WV6687-11	01/10/06	1440	17.87	23.90
20	44GW0901MS	WG24053-3	01/10/06	1551	17.87	23.89

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.87 S2 : 23.89

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01	44GW0901MSD	WG24053-4	01/10/06	1700	17.87	23.89
02		FLPRO 50UG/M	01/10/06	2030	17.88	23.90
03	WG24365-BLAN	WG24365-1	01/11/06	0110	17.87	23.89
04	WG24365-LCS	WG24365-2	01/11/06	0220	17.87	23.89
05	WG24365-LCSD	WG24365-3	01/11/06	0329	17.87	23.89
06	WG24088-BLAN	WG24088-1	01/11/06	0439	17.87	23.89
07	WG24088-LCS	WG24088-2	01/11/06	0549	17.87	23.89
08	WG24088-LCSD	WG24088-3	01/11/06	0659	17.87	23.89
09	44GW1901	WV6687-5RE	01/11/06	0809	17.87	23.89
10	44GW1501D	WV6687-12	01/11/06	0918	17.87	23.89
11		FLPRO 20UG/M	01/11/06	1138	17.87	23.88
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC12 Calibration Date(s): 11/19/05 11/19/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1436 1916

LAB FILE ID: RF5: CVK4002 RF20: CVK4003 RF50: CVK4004
RF100: CVK4005 RF200: CVK4006

							COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
C-8	18338	75785	189030	368800	746240	LINR	-7.83e-002	2.685e-004	0.99994	0.99000
C-10	18483	76154	191960	374190	765800	LINR	0.26042469	2.618e-004	0.99986	0.99000
C-12	20271	78236	192490	373170	764990	LINR	-4.16e-002	2.626e-004	0.99981	0.99000
C-14	20774	83134	194350	373730	760380	LINR	-0.6719443	2.646e-004	0.99979	0.99000
C-16	23921	80541	194240	377870	765600	LINR	-0.6549970	2.627e-004	0.99988	0.99000
C-18	21407	76511	193270	378390	766390	LINR	-0.1323092	2.617e-004	0.99994	0.99000
C-20	20912	76150	190000	375020	760770	LINR	-1.18e-002	2.636e-004	0.99994	0.99000
C-22	19931	75005	188220	376500	765460	LINR	0.34954625	2.617e-004	0.99992	0.99000
C-24	12579	57680	184940	369970	752530	LINR	1.99697815	2.635e-004	0.99956	0.99000
C-26	19263	76923	185580	373120	759740	LINR	0.29950645	2.638e-004	0.99989	0.99000
C-28	19307	76981	185190	371740	758110	LINR	0.29165544	2.645e-004	0.99987	0.99000
C-30	22552	78539	188510	375750	761120	LINR	-0.2260476	2.638e-004	0.99991	0.99000
C-36	21097	95253	196380	359200	736670	LINR	-2.0872768	2.751e-004	0.99872	0.99000
Petroleum Range Organics	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
FL-PRO peaks C8-C40	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
C-38	35252	119420	168860	354160	723760	LINR	-3.6184126	2.831e-004	0.99439	0.99000
C-40	26544	91584	150270	357100	722040	LINR	-0.1267911	2.789e-004	0.99648	0.99000
C-32	19177	80538	181970	370090	751350	LINR	4.491e-002	2.671e-004	0.99980	0.99000
C-34	15274	85113	177310	377040	768890	LINR	0.70895020	2.604e-004	0.99930	0.99000
n-Triacontane-D62	3310.30	3295.20	3112.00	3288.40	3371.60	AVRG		3275.48600	2.965	40.000
O-Terphenyl	4199.60	4038.70	4027.50	4127.00	4257.90	AVRG		4130.11200	2.422	40.000

FORM VI FL-PRO

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4002.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4003.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4004.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4005.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4006.d

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M	1 FL-PRO peaks C8-C40	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	2 C-8	18338	75785	189028	368798	746245	LINR	-0.07835	3724		0.99994
	3 C-10	18483	76154	191956	374192	765799	LINR	0.26042	3820		0.99986
	4 C-12	20271	78236	192489	373169	764994	LINR	-0.04164	3809		0.99981
	5 C-14	20774	83134	194351	373732	760385	LINR	-0.67194	3779		0.99979
	6 C-16	23921	80541	194239	377869	765601	LINR	-0.65500	3806		0.99989
	7 Petroleum Range Organics	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	8 C-18	21407	76511	193274	378388	766387	LINR	-0.13231	3821		0.99994
	10 C-20	20912	76150	190000	375019	760771	LINR	-0.01177	3794		0.99994
	11 C-22	19931	75005	188220	376505	765465	LINR	0.34955	3822		0.99992
	12 C-24	12579	57680	184943	369971	752531	LINR	1.99698	3795		0.99956
	13 C-26	19263	76923	185580	373118	759744	LINR	0.29951	3791		0.99989
	14 C-28	19307	76981	185193	371739	758111	LINR	0.29166	3781		0.99987
	16 C-30	22552	78539	188507	375747	761122	LINR	-0.22605	3790		0.99991
	17 C-32	19177	80538	181969	370086	751351	LINR	0.04491	3744		0.99980

Sample Data Summary A0000501

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
$ 9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
$ 15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Sample Data Summary A0000502

Report Date : 11-Jan-2006 13:46

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12WA09B1.b\flpb007B.m
Cal Date : 11-Jan-2006 12:48 lschwieterman

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Sample Data Summary A0000503

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC12 Calibration Date: 01/09/06 Time: 1259

Lab File ID: CWA2080 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	58.715000	50.000000	4305.1000	0.01	17.43	25.00	LINR
C-8	58.396000	50.000000	4355.0000	0.01	16.79	25.00	LINR
C-10	58.950000	50.000000	4484.1000	0.01	17.90	25.00	LINR
C-12	58.210000	50.000000	4437.1000	0.01	16.42	25.00	LINR
C-14	57.105000	50.000000	4366.9000	0.01	14.21	25.00	LINR
C-16	56.805000	50.000000	4373.7000	0.01	13.61	25.00	LINR
C-18	56.880000	50.000000	4357.0000	0.01	13.76	25.00	LINR
C-28	57.563000	50.000000	4331.1000	0.01	15.13	25.00	LINR
C-20	57.161000	50.000000	4337.8000	0.01	14.32	25.00	LINR
C-22	57.590000	50.000000	4375.1000	0.01	15.18	25.00	LINR
FL-PRO peaks C8-C40	932.23000	850.00000	4143.2000	0.01	9.67	25.00	LINR
C-26	57.516000	50.000000	4337.6000	0.01	15.03	25.00	LINR
C-38	42.623000	50.000000	3267.1000	0.01	-14.75	25.00	LINR
C-40	43.386000	50.000000	3120.8000	0.01	-13.23	25.00	LINR
C-30	57.053000	50.000000	4342.0000	0.01	14.11	25.00	LINR
C-32	56.120000	50.000000	4199.3000	0.01	12.24	25.00	LINR
C-34	51.591000	50.000000	3907.7000	0.01	3.18	25.00	LINR
C-36	46.565000	50.000000	3536.9000	0.01	-6.87	25.00	LINR
O-Terphenyl	4130.1000	4545.8000	4545.8000	0.01	10.06	25.00	AVRG
n-Triacontane-D62	3275.5000	3656.8000	3656.8000	0.01	11.64	25.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC12 Calibration Date: 01/10/06 Time: 0520

Lab File ID: CWA2094 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	24.543000	20.000000	4278.2000	0.01	22.72	25.00	LINR	
C-8	22.562000	20.000000	4215.6000	0.01	12.81	25.00	LINR	
C-10	26.170000	20.000000	4949.0000	0.01	30.85	25.00	LINR	<-
C-12	23.943000	20.000000	4567.3000	0.01	19.72	25.00	LINR	
C-14	22.094000	20.000000	4301.8000	0.01	10.47	25.00	LINR	
C-16	22.059000	20.000000	4322.4000	0.01	10.30	25.00	LINR	
C-18	22.440000	20.000000	4312.6000	0.01	12.20	25.00	LINR	
C-28	23.298000	20.000000	4349.6000	0.01	16.49	25.00	LINR	
C-20	22.783000	20.000000	4323.6000	0.01	13.92	25.00	LINR	
C-22	23.110000	20.000000	4349.2000	0.01	15.55	25.00	LINR	
FL-PRO peaks C8-C40	392.72000	340.00000	4379.8000	0.01	15.51	25.00	LINR	
C-26	23.229000	20.000000	4345.8000	0.01	16.14	25.00	LINR	
C-38	20.564000	20.000000	4271.5000	0.01	2.82	25.00	LINR	
C-40	22.670000	20.000000	4087.6000	0.01	13.35	25.00	LINR	
C-30	22.987000	20.000000	4399.0000	0.01	14.94	25.00	LINR	
C-32	23.370000	20.000000	4366.8000	0.01	16.85	25.00	LINR	
C-34	24.368000	20.000000	4542.4000	0.01	21.84	25.00	LINR	
C-36	22.533000	20.000000	4474.6000	0.01	12.66	25.00	LINR	
O-Terphenyl	4130.1000	4688.7000	4688.7000	0.01	13.52	25.00	AVRG	
n-Triacontane-D62	3275.5000	3719.5000	3719.5000	0.01	13.56	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC12 Calibration Date: 01/10/06 Time: 2030

Lab File ID: CWA2107 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	58.357000	50.000000	4277.9000	0.01	16.71	25.00	LINR	
C-8	57.136000	50.000000	4261.1000	0.01	14.27	25.00	LINR	
C-10	57.696000	50.000000	4388.2000	0.01	15.39	25.00	LINR	
C-12	56.938000	50.000000	4340.2000	0.01	13.88	25.00	LINR	
C-14	56.749000	50.000000	4339.9000	0.01	13.50	25.00	LINR	
C-16	56.742000	50.000000	4369.0000	0.01	13.48	25.00	LINR	
C-18	56.729000	50.000000	4345.5000	0.01	13.46	25.00	LINR	
C-28	57.347000	50.000000	4314.8000	0.01	14.69	25.00	LINR	
C-20	56.875000	50.000000	4316.0000	0.01	13.75	25.00	LINR	
C-22	57.150000	50.000000	4341.5000	0.01	14.30	25.00	LINR	
FL-PRO peaks C8-C40	922.73000	850.00000	4102.3000	0.01	8.56	25.00	LINR	
C-26	57.120000	50.000000	4307.6000	0.01	14.24	25.00	LINR	
C-38	40.691000	50.000000	3130.6000	0.01	-18.62	25.00	LINR	
C-40	37.459000	50.000000	2695.8000	0.01	-25.08	25.00	LINR	<-
C-30	57.012000	50.000000	4338.9000	0.01	14.02	25.00	LINR	
C-32	56.147000	50.000000	4201.3000	0.01	12.29	25.00	LINR	
C-34	52.638000	50.000000	3988.1000	0.01	5.28	25.00	LINR	
C-36	49.940000	50.000000	3782.2000	0.01	-0.12	25.00	LINR	
O-Terphenyl	4130.1000	4512.9000	4512.9000	0.01	9.27	25.00	AVRG	
n-Triacontane-D62	3275.5000	3618.8000	3618.8000	0.01	10.48	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

Instrument ID: GC12 Calibration Date: 01/11/06 Time: 1138

Lab File ID: CWA2120 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	25.529000	20.000000	4465.3000	0.01	27.64	25.00	LINR	<-
C-8	23.408000	20.000000	4373.0000	0.01	17.04	25.00	LINR	
C-10	24.959000	20.000000	4717.6000	0.01	24.80	25.00	LINR	
C-12	24.506000	20.000000	4674.6000	0.01	22.53	25.00	LINR	
C-14	23.434000	20.000000	4554.8000	0.01	17.17	25.00	LINR	
C-16	23.406000	20.000000	4578.7000	0.01	17.03	25.00	LINR	
C-18	23.743000	20.000000	4561.6000	0.01	18.72	25.00	LINR	
C-28	24.355000	20.000000	4549.4000	0.01	21.78	25.00	LINR	
C-20	23.931000	20.000000	4541.5000	0.01	19.66	25.00	LINR	
C-22	24.069000	20.000000	4532.4000	0.01	20.34	25.00	LINR	
FL-PRO peaks C8-C40	401.78000	340.00000	4482.9000	0.01	18.17	25.00	LINR	
C-26	24.190000	20.000000	4528.0000	0.01	20.95	25.00	LINR	
C-38	19.565000	20.000000	4095.0000	0.01	-2.18	25.00	LINR	
C-40	20.294000	20.000000	3661.6000	0.01	1.47	25.00	LINR	
C-30	24.082000	20.000000	4606.6000	0.01	20.41	25.00	LINR	
C-32	24.328000	20.000000	4546.3000	0.01	21.64	25.00	LINR	
C-34	25.215000	20.000000	4705.0000	0.01	26.08	25.00	LINR	<-
C-36	22.766000	20.000000	4517.0000	0.01	13.83	25.00	LINR	
O-Terphenyl	4130.1000	4930.5000	4930.5000	0.01	19.38	25.00	AVRG	
n-Triacontane-D62	3275.5000	3875.6000	3875.6000	0.01	18.32	25.00	AVRG	

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/20/05
Analysis Date: 09-JAN-2006 16:30
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24053-1
Client ID: WG24053-Blank
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		115%				
	O-Terphenyl		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 11-JAN-2006 04:39
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24088-1
Client ID: WG24088-Blank
SDG: CTO367-3
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	230	1.0	500	500	230
	n-Triacontane-D62		106%				
	O-Terphenyl		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/04/06
Analysis Date: 11-JAN-2006 01:10
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24365-1
Client ID: WG24365-Blank
SDG: CTO367-3
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24365
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		111%				
	O-Terphenyl		134%				

FORM 2
WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-3

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG24053-BLANK	WG24053-1	115	114							0
02	3221GW0401	WV6662-1	108	112							0
03	3221GW0501	WV6662-2	104	109							0
04	3221GW0801	WV6662-3	112	112							0
05	3221GW0701	WV6662-4	104	109							0
06	3221GW0901	WV6662-6	105	107							0
07	3221GW1001	WV6662-7	105	109							0
08	3221GW1001D	WV6662-8	108	109							0
09	44GW1401	WV6687-1	100	103							0
10	44GW1101	WV6687-2	103	107							0
11	44GW1001	WV6687-3	110	106							0
12	44GW0901	WV6687-4	110	104							0
13	44GW1801	WV6687-7	110	104							0
14	44GW1301	WV6687-8	106	104							0
15	44GW1501	WV6687-9	102	100							0
16	44GW1201	WV6687-10	108	106							0
17	3221GW0601	WV6687-11	160	152J							1
18	44GW0901MS	WG24053-3	105	109							0
19	44GW0901MSD	WG24053-4	110	112							0
20	WG24365-BLANK	WG24365-1	111	134							0
21	WG24365-LCS	WG24365-2	102	131							0
22	WG24365-LCSD	WG24365-3	62	78J							1
23	WG24088-BLANK	WG24088-1	106	106							0
24	WG24088-LCS	WG24088-2	107	107							0
25	WG24088-LCSD	WG24088-3	108	111							0
26	44GW1901	WV6687-5RE	108	134							0
27	44GW1501D	WV6687-12	104	103							0
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/21/05
Analysis Date: 01/11/06
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24088-2 & WG24088-3
Client ID: WG24088-LCS & WG24088-LCSD
SDG: CTO367-3
Extracted by: KGT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24088
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	1800	1700	106	100	6	30	55-118

FORM III SV-1

CWA2115.d & CWA2116.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/04/06
Analysis Date: 01/11/06
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24365-2 & WG24365-3
Client ID: WG24365-LCS & WG24365-LCSD
SDG: CTO367-3
Extracted by: TR
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24365
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	NA	1500	960	88	56	*	44	30	55-118

FORM III SV-1

CWA2112.d & CWA2113.d

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/14/05
Received Date: 12/15/05
Extraction Date: 12/20/05
Analysis Date: 01/10/06
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24053-3 & WG24053-4
Client ID: 44GW0901MS & 44GW0901MSD
SDG: CTO367-3
Extracted by: KT
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 M8015
Lab Prep Batch: WG24053
Units: ug/L

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	1700	0.00	1600	1700	94	100	6	30	55-118

FORM III SV-1

CWA2103.d & CWA2104.d

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**G. WALKER**	**DATE:**	**FEBRUARY 1, 2006**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS**
CTO – 367 NAS PENSACOLA
SAMPLE DELIVERY GROUP (SDG) – CTO367-3

SAMPLES: 18/Groundwater/

3221GW0401	3221GW0501	3221GW0601
3221GW0701	3221GW0801	3221GW0901
3221GW1001	3221GW1001D	44GW0901
44GW1001	44GW1101	44GW1201
44GW1301	44GW1401	44GW1501
44GW1501D	44GW1801	44GW1901

Overview

The sample set for CTO 367, NAS Pensacola, SDG CTO367-3, consists of eighteen (18) groundwater environmental samples. Two (2) field duplicate pairs (3221GW1001 / 3221GW1001D and 44GW1501 / 44GW1501D) are included within this SDG.

All samples were analyzed for target analyte list (TAL) metals. The samples were collected by Tetra Tech NUS on December 13 and 14, 2005 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Metals analyses, with the exception of mercury, were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Verification Results
• Laboratory Blank Analyses
* • ICP Interference Check Sample Results
• Matrix Spike/Matrix Spike Duplicate Results
* • Laboratory Control Sample Results
* • Field Duplicate Results
* • Sample Quantitation
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	181.87 µg/L	909.35 µg/L
Barium	1.98 µg/L	9.9 µg/L
Beryllium	0.45 µg/L	2.25 µg/L
Calcium	64.17 µg/L	320.85 µg/L
Iron	24.21 µg /L	121.05 µg/L
Magnesium	65.65 µg/L	328.25 µg/L
Mercury	0.05 µg/L	0.25 µg/L
Potassium	953.98 µg/L	4769.9 µg/L
Selenium[(1)]	3.67 µg/L	18.35 µg/L
Silver	7.8 µg/L	39.0 µg/L
Sodium	427.1 µg/L	2135.5 µg/L
Thallium	7.38 µg/L	36.9 µg/L
Zinc	4.45 µg/L	22.25 µg/L

[(1)] Maximum concentration present in a laboratory preparation blank from preparation batch WA03ICW0, affecting sample 44GW0901 only.

An action level of 5X the maximum concentration has been used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results, less than the blank action level, were qualified "U" as a result of laboratory blank contamination.

Matrix Spike/Matrix Spike Duplicate Results

The matrix spike (MS) and matrix spike duplicate (MSD) percent recoveries for aluminum in sample 44GW0901 were > 125% quality control limit. The positive result reported for aluminum in this sample was qualified as estimated, "J". The MS and MSD percent recoveries for aluminum in sample 3221GW0701 were within acceptable quality control limits.

The MS percent recovery for iron in sample 44GW0901 was > 125% quality control limit. The positive result reported for iron in this sample was qualified as estimated, "J". The MS and MSD percent recoveries for iron in sample 3221GW0701 were within acceptable quality control limits.

Notes

The Contract Required Detection Limit (CRDL) percent recoveries for selenium on 1/5/06 at 23:27 and 1/6/06 at 03:01 were > 120% quality control limit. The CRDL percent recovery for cadmium on 12/30/05 at 15:43 was > 120% quality control limit. The CRDL percent recoveries for silver on 1/3/06 at 19:37 and 23:10 were > 120% quality control limit. No validation action was taken based on the CRDL percent recoveries.

The Practical Quantitation Limit (PQL) percent recoveries for calcium, magnesium and selenium on 1/5/06 at 13:06 were > 120% quality control limit. The PQL percent recovery for antimony on 1/5/06 at 13:06 was < 80% quality control limit. The PQL percent recovery for calcium on 12/30/05 at 11:23 was > 120% quality control limit. The PQL percent recoveries for calcium and sodium on 1/3/06 at 11:42 were > 120% quality control limit. The PQL percent recovery for aluminum on 1/4/06 at 10:39 was < 80% quality control limit. No validation action was taken based on the PQL percent recoveries.

The MS percent recoveries for calcium in samples 3221GW0701 and 44GW0901 were > 125% quality control limit. No validation action was required because the concentration of calcium in the original samples was greater than four times the concentration in the spiking solution.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: Aluminum and iron were qualified due to MS noncompliance in sample 44GW0901.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	3221GW0401
samp_date	12/13/2005
lab_id	WV6662-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	999			
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	8.3		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	24700			
CHROMIUM	1.5	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	577			
LEAD	1.65	U	U	
MAGNESIUM	1600			
MANGANESE	1.5	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1270	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	19000			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	4.1	I	U	A

nsample	3221GW0501
samp_date	12/13/2005
lab_id	WV6662-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	782		U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	9.8		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	22500			
CHROMIUM	17.4			
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	678			
LEAD	1.65	U	U	
MAGNESIUM	1740			
MANGANESE	9.1			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1030	I	U	A
SELENIUM	3.59	U	U	
SILVER	5.6	I	U	A
SODIUM	15000			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	8.3	I	U	A

nsample	3221GW0601
samp_date	12/14/2005
lab_id	WV6687-011
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	111	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	4.6	I	U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	32400			
CHROMIUM	2.4	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	123			
LEAD	1.65	U	U	
MAGNESIUM	2070			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1140	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	7050			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.8	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	3221GW0701
samp_date	12/13/2005
lab_id	WV6662-004
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	195	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	4.8	I	U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	34800			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	132			
LEAD	1.65	U	U	
MAGNESIUM	2050			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1190	I	U	A
SELENIUM	3.59	U	U	
SILVER	8.4	I	U	A
SODIUM	9270			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	10.5	I	U	A

nsample	3221GW0801
samp_date	12/13/2005
lab_id	WV6662-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	74.2	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	8.2		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	31400			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	217			
LEAD	1.65	U	U	
MAGNESIUM	2040			
MANGANESE	4.1	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1600	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	12800			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	2.4	I	U	A

nsample	3221GW0901
samp_date	12/13/2005
lab_id	WV6662-006
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1130			
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	4.8	I	U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	20700			
CHROMIUM	1.5	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	567			
LEAD	1.65	U	U	
MAGNESIUM	2780			
MANGANESE	1.6	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1800	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	23700			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	8.6	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	3221GW1001
samp_date	12/13/2005
lab_id	WV6662-007
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	150	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	5.0		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	39400			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	74.7	I	U	A
LEAD	1.65	U	U	
MAGNESIUM	2620			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2440		U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	12900			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	6.2	I	U	A

nsample	3221GW1001D
samp_date	12/13/2005
lab_id	WV6662-008
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	3221GW1001

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	149	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	5.1		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	38500			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	59.9	I	U	A
LEAD	1.65	U	U	
MAGNESIUM	2540			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2680		U	A
SELENIUM	3.59	U	U	
SILVER	5.5	I	U	A
SODIUM	12300			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	2.8	I	U	A

nsample	44GW0901
samp_date	12/14/2005
lab_id	WV6687-004
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	2800		J	D
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	5.1		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	12600			
CHROMIUM	1.4	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	1290		J	D
LEAD	1.65	U	U	
MAGNESIUM	3390			
MANGANESE	1.4	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	898	I	U	A
SELENIUM	3.7	I	U	A
SILVER	4.9	I	U	A
SODIUM	23900			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	18.6	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	44GW1001
samp_date	12/14/2005
lab_id	WV6687-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	232	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	5.0	I	U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	29200			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	69.0	I	U	A
LEAD	1.65	U	U	
MAGNESIUM	3250			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2400		U	A
SELENIUM	3.59	U	U	
SILVER	4.9	I	U	A
SODIUM	27200			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	2.0	I	U	A

nsample	44GW1101
samp_date	12/14/2005
lab_id	WV6687-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	245	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	3.1	I	U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	38200			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	51.7	I	U	A
LEAD	1.65	U	U	
MAGNESIUM	2720			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2160		U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	19900			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.8	I	U	A

nsample	44GW1201
samp_date	12/14/2005
lab_id	WV6687-010
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	627		U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	8.8		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	44300			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	284			
LEAD	1.65	U	U	
MAGNESIUM	2140			
MANGANESE	1.6	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	5360			
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	27900			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.9	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	44GW1301
samp_date	12/14/2005
lab_id	WV6687-008
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1360			
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	9.6		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	28000			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	515			
LEAD	1.65	U	U	
MAGNESIUM	3800			
MANGANESE	1.3	I		
MERCURY	0.03	I	U	A
NICKEL	11.7	U	U	
POTASSIUM	1410	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	33700			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	6.5	I	U	A

nsample	44GW1401
samp_date	12/14/2005
lab_id	WV6687-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	372		U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	5.2		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	35600			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	92.4	I	U	A
LEAD	1.65	U	U	
MAGNESIUM	2540			
MANGANESE	1.2	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2070		U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	14000			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	2.2	I	U	A

nsample	44GW1501
samp_date	12/14/2005
lab_id	WV6687-009
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	960			
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	6.7		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	28800			
CHROMIUM	6.6	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	258			
LEAD	1.6	I		
MAGNESIUM	1790			
MANGANESE	1.3	I		
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1980	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	17200			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.6	I	U	A

PROJ_NO: 00007

SDG: CTO367-3 MEDIA: WATER DATA FRACTION: M

nsample	44GW1501D
samp_date	12/14/2005
lab_id	WV6687-012
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	44GW1501

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	810		U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	6.8		U	A
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	28200			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	152			
LEAD	1.65	U	U	
MAGNESIUM	1780			
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2200		U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	17500			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.7	I	U	A

nsample	44GW1801
samp_date	12/14/2005
lab_id	WV6687-007
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	152	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	19.4			
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	45500			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	1820			
LEAD	1.65	U	U	
MAGNESIUM	4160			
MANGANESE	55.3			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1930	I	U	A
SELENIUM	3.59	U	U	
SILVER	4.4	U	U	
SODIUM	8830			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	6.6	I	U	A

nsample	44GW1901
samp_date	12/14/2005
lab_id	WV6687-005
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	69.7	I	U	A
ANTIMONY	4.11	U	U	
ARSENIC	3.45	U	U	
BARIUM	13.2			
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	46900			
CHROMIUM	1.01	U	U	
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	1800			
LEAD	1.65	U	U	
MAGNESIUM	4740			
MANGANESE	71.0			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	1780	I	U	A
SELENIUM	3.59	U	U	
SILVER	5.0	I	U	A
SODIUM	7800			
THALLIUM	6.13	U	U	
VANADIUM	4.88	U	U	
ZINC	3.4	I	U	A

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0401

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	999			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	8.3			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	24700			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.5	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	577			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1600			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.5	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1270	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	19000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	4.1	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0501

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	782			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	9.8			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	22500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	17.4			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	678			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1740			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	9.1			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1030	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	5.6	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	15000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	8.3	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0601

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	111	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	4.6	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	32400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	2.4	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	123			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2070			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1140	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	7050			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.8	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0701

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	195	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	4.8	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	34800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	132			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2050			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1190	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	8.4	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	9270			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	10.5	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0801

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	74.2	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	8.2			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	31400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	217			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2040			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	4.1	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1600	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	12800			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.4	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0901

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1130			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	4.8	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	20700			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.5	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	567			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2780			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.6	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1800	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	23700			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	8.6	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW1001

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	150	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.0			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	39400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	74.7	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2620			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2440			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	12900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.2	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW1001D

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	149	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.1			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	38500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	59.9	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2540			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2680			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	5.5	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	12300			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.8	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW0901

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2800			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.1			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	12600			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.4	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	1290			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3390			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.4	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	898	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.7	I		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.9	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	23900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	18.6	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1001

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	232	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.0	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	29200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	69.0	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3250			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2400			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.9	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	27200			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.0	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1101

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	245	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	3.1	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	38200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	51.7	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2720			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2160			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	19900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.8	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1201

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	627			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	8.8			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	44300			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	284			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2140			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.6	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	5360			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	27900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.9	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1301

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1360			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	9.6			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	28000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	515			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.3	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.03	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1410	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	33700			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.5	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1401

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	372			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.2			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	35600			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	92.4	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2540			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.2	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2070			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	14000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.2	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1501

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	960			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	6.7			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	28800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.6	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	258			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.6	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1790			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.3	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1980	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	17200			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.6	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1501D

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	810			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	6.8			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	28200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	152			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1780			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2200			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	17500			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.7	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1801

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	152	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	19.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	45500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	1820			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	4160			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	55.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1930	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	8830			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.6	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW1901

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	69.7	I		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	13.2			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	46900			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	1800			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	4740			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	71.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1780	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	5.0	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	7800			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	3.4	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

WV6662

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 2670 | PAGE 1 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEN 44	G. Walker	850 385 9899	Katahdin : Andrea Colby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]	Bill Olson	850 210 3681	340 County Rd. #5

CARRIER/WAYBILL NUMBER	CITY, STATE
FEDEX 8532 2422 2189	West Brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G, G, G, G, G, P

PRESERVATIVE USED: HCL, HCL, 4°, 4°, HCL, HNO3

TYPE OF ANALYSIS

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	8260 TCL VOC	504.1 EDB	8270 TCL SVOC/PAHS	8081/8082 PEST/PCB	FC-PRO	TAL metals			COMMENTS
12/13	1530	3221 GW0401	3221 mw04	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1540	3221 GW0501	3221 mw05	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1530	3221 GW0801	3221 mw08	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1530	3221 GW0701	3221 mw09	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1530	44TB1213	QA	—	—	QC	G	2	2	—	—	—	—	—			
12/13	1700	3221 GW0901	3221 mw9	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1700	3221 GW1001	3221 mw10	6	15	GW	G	12	3	2	2	2	2	1			
12/13	1700	3221 GW1001D	3221 mw10	6	15	GW	G	12	3	2	2	2	2	1			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY			1. RECEIVED BY [signature]	12/14/05	0910
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

0000023

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2663 | PAGE 1 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 44	G. Walker	850 385 9899	Katahdin Analytical; Andrea Cobey
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fedex 8532 2422 2167		Westbrook Me 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE 2005 YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)								
										G	G	G	G	G	P		
									PRESERVATIVE USED	HCL	HCL	HCL	4°	4°	HNO3		
									TYPE OF ANALYSIS	8260 TCL VOC	504.1 EDB	FL-PRO	8270 TCL SVOC/PAHS	8081/8082 PEST/PCB	TAL metals		COMMENTS
12/14	0910	44GW1401	PEW44 14	6	14	GW	G	12		3	2	2	2	2	1		
12/14	0920	44GW1101	PEW44 11	6	14	GW	G	12		3	2	2	2	2	1		
12/14	0935	44GW1001	PEW44 10	6	14	GW	G	12		3	2	2	2	2	1		
12/14	1036	44GW0901	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1		
12/14	1030	44GW0901 MS	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1		
12/14	1030	44GW0901 MSD	PEW44 09	6	14	GW	G	12		3	2	2	2	2	1		
12/14	1050	44GW1901	PEW 44-19	64	74	GW	G	12		3	2	2	2	2	1		
12/14	1130	44TB1214	QA	—	—	QC	G	2		2	—	—	—	—	—		
12/14	1300	44GW1801	PEW 44-18	64	74	GW	G	12		3	2	2	2	2	1		
12/14	1350	44GW1301	PEW 4413	4	14	GW	G	12		3	2	2	2	2	1		
12/14	1400	44GW1501	PEW 4415	4	14	GW	G	12		3	2	2	2	2	1		
12/14	1425	44GW1201	PEW 4412	4	14	GW	G	12		3	2	2	2	2	1		
12/14	1450	3221GW0601	3221 MW06	4	14	GW	G	12		3	2	2	2	2	1		

1. RELINQUISHED BY: Matt D. Olson	DATE: 12-14-05	TIME: 1815	1. RECEIVED BY:	DATE: 12/15/05	TIME: 0920
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

N00007

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2664 | PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 44	G. Walker	850 385 9899	KATAHDIN - Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FedEx 8532 2422 2167		Westbrook ME 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: 8260ST cl VOC	8504.1 EDB	FL-PRO	8270 TCL SVOC/PAK	8081/8082 Pest/PCB	TAL metals	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	
		PRESERVATIVE USED							HCl	HCl	HCl	4°	4°	HNO3	
12/14	1400	44GW1501D	PEW 44-15	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1530	3221GW0201	3321 MW02	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1540	44RB1214	QA	—	—	QC	G	12	3	2	2	2	2	1	
12/14	1620	3221GW0301	3221 MW03	6	14	GW	G	12	3	2	2	2	2	1	
12/14	1625	3221GW0101	3221 MW01	6	14	GW	G	12	3	2	2	2	2	1	

		DATE	TIME		DATE	TIME
1. RELINQUISHED BY	Matt D. Olson	12-14-05	1815	1. RECEIVED BY		12/15/05 0920
2. RELINQUISHED BY		DATE	TIME	2. RECEIVED BY		DATE TIME
3. RELINQUISHED BY		DATE	TIME	3. RECEIVED BY		DATE TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

HOLDTIME

SDG CTO367-3

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	44GW1501	WV6687-009	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1901	WV6687-005	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1401	WV6687-001	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1301	WV6687-008	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1201	WV6687-010	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1101	WV6687-002	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW1001	WV6687-003	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	44GW0901	WV6687-004	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	44GW1801	WV6687-007	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	1/3/2006	1/4/2006	20	1	21
HG	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
HG	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	1/3/2006	1/3/2006	21	0	21
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	44GW1301	WV6687-008	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1201	WV6687-010	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1101	WV6687-002	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	44GW1401	WV6687-001	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	44GW1501	WV6687-009	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1001	WV6687-003	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1801	WV6687-007	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1501D	WV6687-012	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	44GW1901	WV6687-005	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/4/2006	9	13	22
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0501	WV6662-002	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/5/2006	8	14	22
M	UG/L	3221GW0601	WV6687-011	NM	12/14/2005	12/22/2005	1/6/2006	8	15	23
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0701	WV6662-004	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	12/30/2005	8	8	16
M	UG/L	3221GW0401	WV6662-001	NM	12/13/2005	12/22/2005	1/5/2006	9	14	23
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW1001D	WV6662-008	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	44GW0901	WV6687-004	NM	12/14/2005	12/22/2005	1/3/2006	8	12	20
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW1001	WV6662-007	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
M	UG/L	3221GW0901	WV6662-006	NM	12/13/2005	12/22/2005	12/30/2005	9	8	17
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	1/6/2006	9	15	24
M	UG/L	3221GW0801	WV6662-003	NM	12/13/2005	12/22/2005	1/3/2006	9	12	21
OS	%	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1101	WV6687-2	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	%	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1201	WV6687-10	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1301	WV6687-8	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1001	WV6687-3	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31
OS	%	44GW1401	WV6687-1	NM	12/14/2005	12/16/2005	1/13/2006	2	28	30
OS	%	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/7/2006	2	22	24
OS	%	44GW1501	WV6687-9	NM	12/14/2005	12/16/2005	1/14/2006	2	29	31

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-3

Sample Receipt

The following samples were received on December 14 and 15, 2005 and were logged in under Katahdin Analytical Services work order numbers WV6662 and WV6687 for a hardcopy due date of January 10, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6662-1	3221GW0401
WV6662-2	3221GW0501
WV6662-3	3221GW0801
WV6662-4	3221GW0701
WV6662-5	44TB1213
WV6662-6	3221GW0901
WV6662-7	3221GW1001
WV6662-8	3221GW1001D
WV6687-1	44GW1401
WV6687-2	44GW1101
WV6687-3	44GW1001
WV6687-4	44GW0901
WV6687-5	44GW1901
WV6687-6	44TB1214
WV6687-7	44GW1801
WV6687-8	44GW1301
WV6687-9	44GW1501
WV6687-10	44GW1201
WV6687-11	3221GW0601
WV6687-12	44GW1501D

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

8081 Analysis

Sample WV6687-12 and the matrix spike sample WG23985-3 had low recoveries for the extraction surrogate DCB on channel B, which were outside of the laboratory established acceptance limits. Since the recoveries were within the acceptance limits for DCB on channel A and TCX on both channels, the samples were not reextracted.

The opening CV (file 8WA1057) had high responses for the surrogate TCX on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since TCX was within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1080 and 8WA2080) had high responses for the surrogate TCX and low responses for endrin, 4,4'DDT, endrin aldehyde, endosulfan sulfate and methoxychlor on the A channel and low responses for 4,4'DDT and methoxychlor on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening/closing CV (file 8WA1109) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA1132 and 8WA2132) had low responses for 4,4'-DDT, endosulfan sulfate and methoxychlor and high responses for TCX on channel A and a low response for endosulfan sulfate on the B channel. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening CV (file 8WA1136) had high responses for gamma-BHC, heptachlor, beta-BHC and TCX on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 8WA1159) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of SDG CTO367-3 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma (ICP) Atomic Emission Spectroscopic Analysis

The aqueous-matrix samples of SDG CTO367-3 were digested for ICP analyses on 12/22/05 (QC Batch VL22ICW1) and 01/03/06 (QC Batch WA03ICW1) in accordance with USEPA Method 3010A. Katahdin Sample Nos. WV6662-4 and WV6687-4 were prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO367-3 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA ICAP 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

The aqueous-matrix samples of SDG CTO367-3 were digested for mercury analysis on 01/03/06 (QC Batches WA03HGW1 and WA03HGW2) in accordance with USEPA Method 7470A. Katahdin Sample No. WV6687-4 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of SDG CTO367-3 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

Analyte recoveries in the matrix-spiked aliquots of Katahdin Sample Nos. WV6662-4 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added) for all measured analytes.

The recoveries of aluminum (141.4%) and iron (129.1%) in the matrix spike aliquot of Katahdin Sample No. WV6687-4 are outside the laboratory's acceptance limits. The recovery of aluminum (128.3%) in the matrix spike duplicate aliquot of Katahdin Sample No. WV6687-4 is outside the laboratory's acceptance limits.

The matrix spike duplicate analyses of Katahdin Sample Nos. WV6662-4 and WV6687-4 are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all measured analytes.

The serial dilution analysis of Katahdin Sample No. WV6687-4 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all measured analytes.

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-3 **SOW No.** SW846

Client Field ID	Lab Sample ID
3221GW0401	WV6662-001
3221GW0501	WV6662-002
3221GW0601	WV6687-011
3221GW0701	WV6662-004
3221GW0701	WV6662-004P
3221GW0701	WV6662-004S
3221GW0801	WV6662-003
3221GW0901	WV6662-006
3221GW1001	WV6662-007
3221GW1001D	WV6662-008
44GW0901	WV6687-004
44GW0901	WV6687-004P
44GW0901	WV6687-004S
44GW1001	WV6687-003
44GW1101	WV6687-002
44GW1201	WV6687-010
44GW1301	WV6687-008
44GW1401	WV6687-001
44GW1501	WV6687-009
44GW1501D	WV6687-012
44GW1801	WV6687-007
44GW1901	WV6687-005

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: George Brewer Name: George Brewer

Date: 01/06/06 Title: Inorganic Dept. Mgr.

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: AWA05A Jan 05, 2006 12:46

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18847.93	94.2
ANTIMONY	600.0	592.01	98.7
ARSENIC	600.0	594.06	99.0
CALCIUM	20000.0	20532.52	102.7
CHROMIUM	500.0	494.76	99.0
IRON	20000.0	20364.94	101.8
LEAD	550.0	545.87	99.2
MAGNESIUM	20000.0	20763.90	103.8
SELENIUM	550.0	548.78	99.8
THALLIUM	600.0	594.15	99.0

SAMPLE: CCV

File: AWA05A Jan 05, 2006 13:41

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49318.72	98.6
ANTIMONY	1000.0	1002.87	100.3
ARSENIC	1000.0	1022.41	102.2
CALCIUM	50000.0	51850.47	103.7
CHROMIUM	1000.0	1022.79	102.3
IRON	20000.0	20406.29	102.0
LEAD	1000.0	1013.55	101.4
MAGNESIUM	50000.0	51930.23	103.9
SELENIUM	1000.0	1019.20	101.9
THALLIUM	1000.0	1026.36	102.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 14:41

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49282.10	98.6
ANTIMONY	1000.0	1018.03	101.8
ARSENIC	1000.0	1028.76	102.9
CALCIUM	50000.0	52378.73	104.8
CHROMIUM	1000.0	1042.18	104.2
IRON	20000.0	20544.05	102.7
LEAD	1000.0	1020.93	102.1
MAGNESIUM	50000.0	52379.07	104.8
SELENIUM	1000.0	1027.09	102.7
THALLIUM	1000.0	1023.00	102.3

SAMPLE: CCV

File: AWA05A Jan 05, 2006 15:54

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48613.93	97.2
ANTIMONY	1000.0	1022.95	102.3
ARSENIC	1000.0	1031.14	103.1
CALCIUM	50000.0	52651.99	105.3
CHROMIUM	1000.0	1055.32	105.5
IRON	20000.0	20555.72	102.8
LEAD	1000.0	1021.35	102.1
MAGNESIUM	50000.0	52259.20	104.5
SELENIUM	1000.0	1032.94	103.3
THALLIUM	1000.0	1018.17	101.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 17:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48258.64	96.5
ANTIMONY	1000.0	1033.27	103.3
ARSENIC	1000.0	1041.90	104.2
CALCIUM	50000.0	53239.95	106.5
CHROMIUM	1000.0	1075.79	107.6
IRON	20000.0	20778.57	103.9
LEAD	1000.0	1032.51	103.3
MAGNESIUM	50000.0	52620.61	105.2
SELENIUM	1000.0	1049.65	105.0
THALLIUM	1000.0	1028.30	102.8

SAMPLE: CCV

File: AWA05A Jan 05, 2006 18:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48224.56	96.4
ANTIMONY	1000.0	1027.99	102.8
ARSENIC	1000.0	1038.64	103.9
CALCIUM	50000.0	52954.84	105.9
CHROMIUM	1000.0	1071.85	107.2
IRON	20000.0	20603.26	103.0
LEAD	1000.0	1016.49	101.6
MAGNESIUM	50000.0	52297.84	104.6
SELENIUM	1000.0	1034.92	103.5
THALLIUM	1000.0	1024.84	102.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 19:54

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47792.95	95.6
ANTIMONY	1000.0	1034.93	103.5
ARSENIC	1000.0	1026.41	102.6
CALCIUM	50000.0	52109.15	104.2
CHROMIUM	1000.0	1067.48	106.7
IRON	20000.0	20335.35	101.7
LEAD	1000.0	1004.09	100.4
MAGNESIUM	50000.0	51502.26	103.0
SELENIUM	1000.0	1028.19	102.8
THALLIUM	1000.0	1004.30	100.4

SAMPLE: CCV

File: AWA05A Jan 05, 2006 21:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47919.46	95.8
ANTIMONY	1000.0	1060.06	106.0
ARSENIC	1000.0	1033.50	103.4
CALCIUM	50000.0	52336.05	104.7
CHROMIUM	1000.0	1083.08	108.3
IRON	20000.0	20545.88	102.7
LEAD	1000.0	1018.00	101.8
MAGNESIUM	50000.0	51774.79	103.5
SELENIUM	1000.0	1045.98	104.6
THALLIUM	1000.0	997.57	99.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 22:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48124.56	96.2
ANTIMONY	1000.0	1061.93	106.2
ARSENIC	1000.0	1030.94	103.1
CALCIUM	50000.0	52339.26	104.7
CHROMIUM	1000.0	1083.17	108.3
IRON	20000.0	20555.66	102.8
LEAD	1000.0	1018.65	101.9
MAGNESIUM	50000.0	51893.72	103.8
SELENIUM	1000.0	1050.83	105.1
THALLIUM	1000.0	993.99	99.4

SAMPLE: CCV

File: AWA05A Jan 05, 2006 23:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48448.75	96.9
ANTIMONY	1000.0	1061.24	106.1
ARSENIC	1000.0	1029.69	103.0
CALCIUM	50000.0	51923.61	103.8
CHROMIUM	1000.0	1078.76	107.9
IRON	20000.0	20544.29	102.7
LEAD	1000.0	1015.90	101.6
MAGNESIUM	50000.0	51758.33	103.5
SELENIUM	1000.0	1046.10	104.6
THALLIUM	1000.0	990.09	99.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 06, 2006 1:07

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48875.45	97.8
ANTIMONY	1000.0	1058.96	105.9
ARSENIC	1000.0	1024.67	102.5
CALCIUM	50000.0	52180.16	104.4
CHROMIUM	1000.0	1074.45	107.4
IRON	20000.0	20571.27	102.9
LEAD	1000.0	1014.96	101.5
MAGNESIUM	50000.0	52064.56	104.1
SELENIUM	1000.0	1044.01	104.4
THALLIUM	1000.0	996.44	99.6

SAMPLE: CCV

File: AWA05A Jan 06, 2006 2:27

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49354.57	98.7
ANTIMONY	1000.0	1042.08	104.2
ARSENIC	1000.0	1009.72	101.0
CALCIUM	50000.0	51443.64	102.9
CHROMIUM	1000.0	1051.64	105.2
IRON	20000.0	20313.88	101.6
LEAD	1000.0	999.73	100.0
MAGNESIUM	50000.0	51511.90	103.0
SELENIUM	1000.0	1019.51	102.0
THALLIUM	1000.0	988.37	98.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 06, 2006 3:21

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48434.33	96.9
ANTIMONY	1000.0	1021.44	102.1
ARSENIC	1000.0	980.33	98.0
CALCIUM	50000.0	49961.83	99.9
CHROMIUM	1000.0	1022.87	102.3
IRON	20000.0	19828.49	99.1
LEAD	1000.0	968.52	96.9
MAGNESIUM	50000.0	50229.43	100.5
SELENIUM	1000.0	996.19	99.6
THALLIUM	1000.0	958.13	95.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: BVL30A Dec 30, 2005 11:11

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19974.80	99.9
BARIUM	500.0	494.44	98.9
BERYLLIUM	500.0	486.22	97.2
CADMIUM	1250.0	1264.30	101.1
CALCIUM	20000.0	20377.65	101.9
COBALT	500.0	516.71	103.3
COPPER	500.0	490.59	98.1
IRON	20000.0	20764.23	103.8
MAGNESIUM	20000.0	20389.68	101.9
MANGANESE	500.0	497.81	99.6
NICKEL	1000.0	1025.69	102.6
POTASSIUM	20000.0	19619.63	98.1
VANADIUM	500.0	496.10	99.2
ZINC	1000.0	987.32	98.7

SAMPLE: CCV

File: BVL30A Dec 30, 2005 12:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50982.52	102.0
BARIUM	1000.0	1002.88	100.3
BERYLLIUM	1000.0	1019.96	102.0
CADMIUM	1000.0	1027.12	102.7
CALCIUM	50000.0	53168.69	106.3
COBALT	1000.0	1053.48	105.3
COPPER	1000.0	1002.67	100.3
IRON	20000.0	21082.22	105.4
MAGNESIUM	50000.0	52661.12	105.3
MANGANESE	1000.0	1011.30	101.1
NICKEL	1000.0	1044.24	104.4
POTASSIUM	50000.0	51258.40	102.5
VANADIUM	1000.0	1024.05	102.4
ZINC	1000.0	1031.64	103.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 13:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50941.53	101.9
BARIUM	1000.0	1011.60	101.2
BERYLLIUM	1000.0	1011.73	101.2
CADMIUM	1000.0	1031.36	103.1
CALCIUM	50000.0	53398.65	106.8
COBALT	1000.0	1040.07	104.0
COPPER	1000.0	1007.99	100.8
IRON	20000.0	21010.16	105.1
MAGNESIUM	50000.0	52427.16	104.9
MANGANESE	1000.0	1009.45	100.9
NICKEL	1000.0	1032.08	103.2
POTASSIUM	50000.0	50750.06	101.5
VANADIUM	1000.0	1025.74	102.6
ZINC	1000.0	1037.62	103.8

SAMPLE: CCV

File: BVL30A Dec 30, 2005 14:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51314.07	102.6
BARIUM	1000.0	1017.56	101.8
BERYLLIUM	1000.0	1003.85	100.4
CADMIUM	1000.0	1030.62	103.1
CALCIUM	50000.0	52356.87	104.7
COBALT	1000.0	1016.21	101.6
COPPER	1000.0	1017.20	101.7
IRON	20000.0	20795.79	104.0
MAGNESIUM	50000.0	51252.33	102.5
MANGANESE	1000.0	1005.54	100.6
NICKEL	1000.0	1020.51	102.1
POTASSIUM	50000.0	51917.67	103.8
VANADIUM	1000.0	1017.75	101.8
ZINC	1000.0	1037.91	103.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 14:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50634.36	101.3
BARIUM	1000.0	1005.92	100.6
BERYLLIUM	1000.0	999.87	100.0
CADMIUM	1000.0	1021.37	102.1
CALCIUM	50000.0	52351.73	104.7
COBALT	1000.0	999.89	100.0
COPPER	1000.0	995.96	99.6
IRON	20000.0	20574.96	102.9
MAGNESIUM	50000.0	51853.50	103.7
MANGANESE	1000.0	1010.94	101.1
NICKEL	1000.0	1016.55	101.7
POTASSIUM	50000.0	49634.36	99.3
VANADIUM	1000.0	1005.28	100.5
ZINC	1000.0	1022.82	102.3

SAMPLE: CCV

File: BVL30A Dec 30, 2005 16:00

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51921.73	103.8
BARIUM	1000.0	1034.37	103.4
BERYLLIUM	1000.0	1015.83	101.6
CADMIUM	1000.0	1035.90	103.6
CALCIUM	50000.0	52119.46	104.2
COBALT	1000.0	1004.49	100.4
COPPER	1000.0	1033.81	103.4
IRON	20000.0	20883.06	104.4
MAGNESIUM	50000.0	51352.38	102.7
MANGANESE	1000.0	1016.70	101.7
NICKEL	1000.0	1007.24	100.7
POTASSIUM	50000.0	51058.92	102.1
VANADIUM	1000.0	1023.78	102.4
ZINC	1000.0	1044.06	104.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 17:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52851.63	105.7
BARIUM	1000.0	1062.98	106.3
BERYLLIUM	1000.0	1020.76	102.1
CADMIUM	1000.0	1044.73	104.5
CALCIUM	50000.0	51830.57	103.7
COBALT	1000.0	976.87	97.7
COPPER	1000.0	1046.75	104.7
IRON	20000.0	20706.58	103.5
MAGNESIUM	50000.0	51605.73	103.2
MANGANESE	1000.0	1037.77	103.8
NICKEL	1000.0	1013.67	101.4
POTASSIUM	50000.0	50841.95	101.7
VANADIUM	1000.0	1028.11	102.8
ZINC	1000.0	1046.35	104.6

SAMPLE: CCV

File: BVL30A Dec 30, 2005 18:22

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53494.38	107.0
BARIUM	1000.0	1060.51	106.1
BERYLLIUM	1000.0	1027.99	102.8
CADMIUM	1000.0	1043.48	104.3
CALCIUM	50000.0	51306.78	102.6
COBALT	1000.0	962.59	96.3
COPPER	1000.0	1058.67	105.9
IRON	20000.0	20565.20	102.8
MAGNESIUM	50000.0	51595.27	103.2
MANGANESE	1000.0	1040.42	104.0
NICKEL	1000.0	1021.23	102.1
POTASSIUM	50000.0	50758.72	101.5
VANADIUM	1000.0	1030.15	103.0
ZINC	1000.0	1045.82	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 19:33

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52913.72	105.8
BARIUM	1000.0	1046.82	104.7
BERYLLIUM	1000.0	1021.98	102.2
CADMIUM	1000.0	1031.05	103.1
CALCIUM	50000.0	50552.36	101.1
COBALT	1000.0	948.81	94.9
COPPER	1000.0	1046.42	104.6
IRON	20000.0	20245.01	101.2
MAGNESIUM	50000.0	51177.63	102.4
MANGANESE	1000.0	1034.58	103.5
NICKEL	1000.0	992.05	99.2
POTASSIUM	50000.0	51707.85	103.4
VANADIUM	1000.0	1013.41	101.3
ZINC	1000.0	1029.48	102.9

SAMPLE: CCV

File: BVL30A Dec 30, 2005 20:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53613.79	107.2
BARIUM	1000.0	1049.51	105.0
BERYLLIUM	1000.0	1049.76	105.0
CADMIUM	1000.0	1039.52	104.0
CALCIUM	50000.0	51910.42	103.8
COBALT	1000.0	974.56	97.5
COPPER	1000.0	1052.16	105.2
IRON	20000.0	20652.30	103.3
MAGNESIUM	50000.0	52724.97	105.4
MANGANESE	1000.0	1059.42	105.9
NICKEL	1000.0	1030.35	103.0
POTASSIUM	50000.0	52054.63	104.1
VANADIUM	1000.0	1031.84	103.2
ZINC	1000.0	1049.27	104.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 21:55

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53604.39	107.2
BARIUM	1000.0	1047.50	104.8
BERYLLIUM	1000.0	1046.17	104.6
CADMIUM	1000.0	1035.63	103.6
CALCIUM	50000.0	51427.20	102.9
COBALT	1000.0	974.81	97.5
COPPER	1000.0	1054.50	105.5
IRON	20000.0	20643.90	103.2
MAGNESIUM	50000.0	52262.62	104.5
MANGANESE	1000.0	1055.89	105.6
NICKEL	1000.0	1018.62	101.9
POTASSIUM	50000.0	51993.90	104.0
VANADIUM	1000.0	1034.55	103.5
ZINC	1000.0	1041.65	104.2

SAMPLE: CCV

File: BVL30A Dec 30, 2005 22:25

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51842.34	103.7
BARIUM	1000.0	1012.67	101.3
BERYLLIUM	1000.0	1017.12	101.7
CADMIUM	1000.0	1008.31	100.8
CALCIUM	50000.0	49867.89	99.7
COBALT	1000.0	948.87	94.9
COPPER	1000.0	1019.87	102.0
IRON	20000.0	20034.11	100.2
MAGNESIUM	50000.0	50870.60	101.7
MANGANESE	1000.0	1025.65	102.6
NICKEL	1000.0	995.78	99.6
POTASSIUM	50000.0	50712.51	101.4
VANADIUM	1000.0	1007.27	100.7
ZINC	1000.0	1016.09	101.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: BWA03A Jan 03, 2006 11:31

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20022.89	100.1
CALCIUM	20000.0	20446.74	102.2
IRON	20000.0	20930.24	104.7
MAGNESIUM	20000.0	20422.14	102.1
SILVER	200.0	204.33	102.2
SODIUM	20000.0	20810.46	104.1

SAMPLE: CCV

File: BWA03A Jan 03, 2006 12:40

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50422.62	100.8
CALCIUM	50000.0	53867.89	107.7
IRON	20000.0	21144.30	105.7
MAGNESIUM	50000.0	52025.62	104.1
SILVER	250.0	251.52	100.6
SODIUM	50000.0	52307.14	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA03A Jan 03, 2006 13:53

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50839.27	101.7
CALCIUM	50000.0	54538.65	109.1
IRON	20000.0	21239.55	106.2
MAGNESIUM	50000.0	51797.53	103.6
SILVER	250.0	252.12	100.8
SODIUM	50000.0	53738.46	107.5

SAMPLE: CCV

File: BWA03A Jan 03, 2006 15:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50341.23	100.7
CALCIUM	50000.0	53948.34	107.9
IRON	20000.0	21006.87	105.0
MAGNESIUM	50000.0	50145.36	100.3
SILVER	250.0	247.15	98.9
SODIUM	50000.0	54232.71	108.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA03A Jan 03, 2006 16:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	1584.49	3.2 *
CALCIUM	50000.0	1733.41	3.5 *
IRON	20000.0	670.61	3.4 *
MAGNESIUM	50000.0	1657.71	3.3 *
SILVER	250.0	4.38	1.8 *
SODIUM	50000.0	-781.81	-1.6 *

SAMPLE: CCV

File: BWA03A Jan 03, 2006 16:22

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50498.09	101.0
CALCIUM	50000.0	52649.20	105.3
IRON	20000.0	20719.16	103.6
MAGNESIUM	50000.0	51014.97	102.0
SILVER	250.0	252.15	100.9
SODIUM	50000.0	55256.80	110.5

All reported analytes bracketed by this CCV. EWF 1/31/06

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA03A Jan 03, 2006 17:33

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50939.17	101.9
CALCIUM	50000.0	52352.20	104.7
IRON	20000.0	20550.62	102.8
MAGNESIUM	50000.0	51459.03	102.9
SILVER	250.0	258.72	103.5
SODIUM	50000.0	54587.53	109.2

SAMPLE: CCV

File: BWA03A Jan 03, 2006 18:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51013.90	102.0
CALCIUM	50000.0	52383.12	104.8
IRON	20000.0	20604.33	103.0
MAGNESIUM	50000.0	51572.60	103.1
SILVER	250.0	258.76	103.5
SODIUM	50000.0	54742.73	109.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA03A Jan 03, 2006 19:54

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51155.12	102.3
CALCIUM	50000.0	53280.57	106.6
IRON	20000.0	20869.87	104.3
MAGNESIUM	50000.0	52239.81	104.5
SILVER	250.0	259.87	103.9
SODIUM	50000.0	54436.84	108.9

SAMPLE: CCV

File: BWA03A Jan 03, 2006 21:05

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51818.52	103.6
CALCIUM	50000.0	54448.09	108.9
IRON	20000.0	21216.47	106.1
MAGNESIUM	50000.0	52965.37	105.9
SILVER	250.0	262.34	104.9
SODIUM	50000.0	55871.20	111.7 *

OM - no reported results for Na bracketed by this CCV. EMF 1/31/06

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA03A Jan 03, 2006 22:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52152.61	104.3
CALCIUM	50000.0	55016.60	110.0
IRON	20000.0	21342.09	106.7
MAGNESIUM	50000.0	53455.99	106.9
SILVER	250.0	265.45	106.2
SODIUM	50000.0	56890.49	113.8

SAMPLE: CCV

File: BWA03A Jan 03, 2006 23:27

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51293.22	102.6
CALCIUM	50000.0	54439.20	108.9
IRON	20000.0	21097.98	105.5
MAGNESIUM	50000.0	52754.12	105.5
SILVER	250.0	263.79	105.5
SODIUM	50000.0	56875.82	113.8

OK - See previous page
EWF 1/31/06

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: BWA04A Jan 04, 2006 10:27

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19835.60	99.2
CALCIUM	20000.0	20083.33	100.4
IRON	20000.0	20804.42	104.0
MAGNESIUM	20000.0	20032.17	100.2
SODIUM	20000.0	20429.17	102.1

SAMPLE: CCV

File: BWA04A Jan 04, 2006 11:21

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50069.48	100.1
CALCIUM	50000.0	51743.53	103.5
IRON	20000.0	20876.54	104.4
MAGNESIUM	50000.0	50676.30	101.4
SODIUM	50000.0	50562.52	101.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA04A Jan 04, 2006 12:32

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50740.91	101.5
CALCIUM	50000.0	52842.83	105.7
IRON	20000.0	21268.39	106.3
MAGNESIUM	50000.0	51020.51	102.0
SODIUM	50000.0	51890.10	103.8

SAMPLE: CCV

File: BWA04A Jan 04, 2006 13:43

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50246.41	100.5
CALCIUM	50000.0	53504.06	107.0
IRON	20000.0	21236.46	106.2
MAGNESIUM	50000.0	51420.54	102.8
SODIUM	50000.0	51281.08	102.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: BWA04A Jan 04, 2006 14:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50751.27	101.5
CALCIUM	50000.0	55004.11	110.0
IRON	20000.0	21653.20	108.3
MAGNESIUM	50000.0	52407.82	104.8
SODIUM	50000.0	52631.73	105.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: HWA03A Jan 03, 2006 16:07

Analyte	True	Found	%R (1)
MERCURY	6.0	5.97	99.5

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:32

Analyte	True	Found	%R (1)
MERCURY	5.0	5.25	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:57

Analyte	True	Found	%R (1)
MERCURY	5.0	5.38	107.6

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:23

Analyte	True	Found	%R (1)
MERCURY	5.0	5.21	104.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:49

Analyte	True	Found	%R (1)
MERCURY	5.0	5.57	111.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICV

File: HWA04A Jan 04, 2006 10:01

Analyte	True	Found	%R (1)
MERCURY	6.0	6.06	101.0

SAMPLE: CCV

File: HWA04A Jan 04, 2006 10:26

Analyte	True	Found	%R (1)
MERCURY	5.0	5.02	100.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCV

File: HWA04A Jan 04, 2006 10:52

Analyte	True	Found	%R (1)
MERCURY	5.0	5.19	103.8

SAMPLE: CCV

File: HWA04A Jan 04, 2006 10:58

Analyte	True	Found	%R (1)
MERCURY	5.0	5.27	105.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: AWA05A Jan 05, 2006 20:54

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	119.48	99.6
ARSENIC	20.0	22.59	112.9
CHROMIUM	20.0	19.58	97.9
LEAD	6.0	5.82	97.0
SELENIUM	10.0	10.84	108.4
THALLIUM	20.0	21.45	107.3

SAMPLE: CRI

File: AWA05A Jan 05, 2006 23:27

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	120.40	100.3
ARSENIC	20.0	20.94	104.7
CHROMIUM	20.0	18.65	93.2
LEAD	6.0	6.46	107.7
SELENIUM	10.0	14.91	149.1
THALLIUM	20.0	17.43	87.1

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: AWA05A Jan 06, 2006 03:01

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	116.79	97.3
ARSENIC	20.0	20.14	100.7
CHROMIUM	20.0	18.76	93.8
LEAD	6.0	6.39	106.5
SELENIUM	10.0	12.28	122.8
THALLIUM	20.0	19.63	98.1

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: BVL30A Dec 30, 2005 11:51

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.42	94.2
CADMIUM	10.0	8.63	86.3
COBALT	100.0	104.76	104.8
COPPER	50.0	49.35	98.7
MANGANESE	30.0	28.70	95.7
NICKEL	80.0	76.73	95.9
VANADIUM	100.0	101.24	101.2
ZINC	40.0	39.52	98.8

SAMPLE: CRI

File: BVL30A Dec 30, 2005 15:43

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.41	94.1
CADMIUM	10.0	13.42	134.2
COBALT	100.0	104.20	104.2
COPPER	50.0	52.10	104.2
MANGANESE	30.0	30.74	102.5
NICKEL	80.0	85.64	107.1
VANADIUM	100.0	104.21	104.2
ZINC	40.0	44.90	112.3

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: BVL30A Dec 30, 2005 19:15

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.61	96.1
CADMIUM	10.0	10.31	103.1
COBALT	100.0	93.57	93.6
COPPER	50.0	48.94	97.9
MANGANESE	30.0	29.52	98.4
NICKEL	80.0	73.04	91.3
VANADIUM	100.0	99.24	99.2
ZINC	40.0	42.98	107.5

SAMPLE: CRI

File: BVL30A Dec 30, 2005 22:07

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.84	98.4
CADMIUM	10.0	10.81	108.1
COBALT	100.0	94.78	94.8
COPPER	50.0	48.49	97.0
MANGANESE	30.0	30.13	100.4
NICKEL	80.0	81.95	102.4
VANADIUM	100.0	96.87	96.9
ZINC	40.0	42.54	106.3

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: BWA03A Jan 03, 2006 12:06

Analyte	TRUE	FOUND	% R
SILVER	20.0	18.28	91.4

SAMPLE: CRI

File: BWA03A Jan 03, 2006 12:22

Analyte	TRUE	FOUND	% R
SILVER	20.0	17.37	86.9

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: BWA03A Jan 03, 2006 15:57

Analyte	TRUE	FOUND	% R
SILVER	20.0	16.86	84.3

SAMPLE: CRI

File: BWA03A Jan 03, 2006 19:37

Analyte	TRUE	FOUND	% R
SILVER	20.0	24.93	124.6

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRI

File: BWA03A Jan 03, 2006 23:10

Analyte	TRUE	FOUND	% R
SILVER	20.0	26.31	131.5

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRA

File: HWA03A Jan 03, 2006 16:11

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.20	100.0

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CRA

File: HWA04A Jan 04, 2006 10:05

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.24	120.0

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

SAMPLE: PQL

File: AWA05A Jan 05, 2006 13:06 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	250.85	83.6
ANTIMONY	8.0	4.28	53.5
ARSENIC	8.0	8.58	107.3
CALCIUM	50.0	64.75	129.5
CHROMIUM	15.0	12.76	85.1
IRON	100.0	89.24	89.2
LEAD	5.0	5.76	115.2
MAGNESIUM	50.0	60.79	121.6
SELENIUM	10.0	14.16	141.6
THALLIUM	15.0	15.61	104.1

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

SAMPLE: PQL

File: BVL30A Dec 30, 2005 11:23 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	335.53	111.8
BARIUM	5.0	4.79	95.8
BERYLLIUM	5.0	4.56	91.2
CADMIUM	10.0	11.56	115.6
CALCIUM	50.0	67.54	135.1
COBALT	30.0	31.44	104.8
COPPER	25.0	25.97	103.9
IRON	100.0	101.44	101.4
MAGNESIUM	50.0	46.70	93.4
MANGANESE	5.0	5.04	100.8
NICKEL	40.0	41.45	103.6
POTASSIUM	2000.0	1894.20	94.7
VANADIUM	25.0	21.47	85.9
ZINC	25.0	26.47	105.9

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

SAMPLE: PQL

File: BWA03A Jan 03, 2006 11:42 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	336.83	112.3
CALCIUM	50.0	72.12	144.2
IRON	100.0	107.55	107.5
MAGNESIUM	50.0	57.64	115.3
SILVER	15.0	13.66	91.1
SODIUM	1000.0	1242.08	124.2

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

SAMPLE: PQL

File: BWA04A Jan 04, 2006 10:39 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	118.76	39.6 *
CALCIUM	50.0	44.60	89.2
IRON	100.0	85.35	85.3
MAGNESIUM	50.0	41.27	82.5
SODIUM	1000.0	1078.92	107.9

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: AWA05A Jan 05, 2006 12:53

Analyte	Result	C
ALUMINUM	-24.34	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-2.15	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 13:47

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-1.78	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 14:47

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-1.97	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 16:00

Analyte	Result	C
ALUMINUM	55.21	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-21.32	I
CHROMIUM	-1.83	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	7.38	I

SAMPLE: CCB

File: AWA05A Jan 05, 2006 17:21

Analyte	Result	C
ALUMINUM	80.99	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-32.52	I
CHROMIUM	-1.61	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 18:41

Analyte	Result	C
ALUMINUM	107.45	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-36.80	I
CHROMIUM	-1.69	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 20:01

Analyte	Result	C
ALUMINUM	145.90	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-50.82	
CHROMIUM	-1.83	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 21:21

Analyte	Result	C
ALUMINUM	174.25	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-63.11	
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 22:40

Analyte	Result	C
ALUMINUM	181.87	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-61.78	
CHROMIUM	-1.87	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 23:54

Analyte	Result	C
ALUMINUM	169.22	I
ANTIMONY	-5.52	I
ARSENIC	3.45	U
CALCIUM	-62.10	
CHROMIUM	-1.82	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 06, 2006 1:14

Analyte	Result	C
ALUMINUM	152.00	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-53.27	
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA05A Jan 06, 2006 2:34

Analyte	Result	C
ALUMINUM	116.89	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-43.79	I
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 06, 2006 3:27

Analyte	Result	C
ALUMINUM	92.32	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-47.98	I
CHROMIUM	-1.50	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: BVL30A Dec 30, 2005 11:17

Analyte	Result	C
ALUMINUM	22.58	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	-1.01	I
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 12:15

Analyte	Result	C
ALUMINUM	35.30	I
BARIUM	1.17	U
BERYLLIUM	-0.79	I
CADMIUM	4.36	U
CALCIUM	26.45	I
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	-0.70	I
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 13:26

Analyte	Result	C
ALUMINUM	49.09	I
BARIUM	1.98	I
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	29.33	I
COBALT	3.05	U
COPPER	2.86	U
IRON	6.39	I
MAGNESIUM	42.10	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	685.77	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BVL30A Dec 30, 2005 14:36

Analyte	Result	C
ALUMINUM	25.51	I
BARIUM	1.17	U
BERYLLIUM	-0.39	I
CADMIUM	4.36	U
CALCIUM	25.65	I
COBALT	3.05	U
COPPER	2.86	U
IRON	7.30	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	3.12	I

SAMPLE: CCB

File: BVL30A Dec 30, 2005 14:56

Analyte	Result	C
ALUMINUM	39.33	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 16:06

Analyte	Result	C
ALUMINUM	15.56	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	27.45	I
COBALT	3.05	U
COPPER	2.86	U
IRON	8.23	I
MAGNESIUM	32.68	I
MANGANESE	-0.99	I
NICKEL	11.70	U
POTASSIUM	953.98	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BVL30A Dec 30, 2005 17:17

Analyte	Result	C
ALUMINUM	8.24	I
BARIUM	1.17	U
BERYLLIUM	0.36	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.93	I
MAGNESIUM	30.30	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	519.03	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 18:28

Analyte	Result	C
ALUMINUM	-15.55	I
BARIUM	1.17	U
BERYLLIUM	0.45	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	7.62	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	842.34	I
VANADIUM	4.88	U
ZINC	2.00	I

SAMPLE: CCB

File: BVL30A Dec 30, 2005 19:39

Analyte	Result	C
ALUMINUM	2.73	U
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	-4.83	I
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	747.63	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BVL30A Dec 30, 2005 20:50

Analyte	Result	C
ALUMINUM	2.73	U
BARIUM	1.17	U
BERYLLIUM	0.31	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 22:01

Analyte	Result	C
ALUMINUM	10.49	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	4.36	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 22:31

Analyte	Result	C
ALUMINUM	18.97	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	-3.36	I
IRON	5.06	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	559.42	I
VANADIUM	4.88	U
ZINC	4.45	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: BWA03A Jan 03, 2006 11:37

Analyte	Result	C
ALUMINUM	16.97	I
CALCIUM	21.40	U
IRON	4.90	I
MAGNESIUM	26.00	U
SILVER	4.40	U
SODIUM	177.73	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 12:46

Analyte	Result	C
ALUMINUM	78.93	I
CALCIUM	54.39	
IRON	21.56	I
MAGNESIUM	62.55	
SILVER	-5.72	I
SODIUM	427.10	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 13:59

Analyte	Result	C
ALUMINUM	67.84	I
CALCIUM	64.17	
IRON	24.21	I
MAGNESIUM	65.65	
SILVER	-8.46	I
SODIUM	375.15	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BWA03A Jan 03, 2006 15:10

Analyte	Result	C
ALUMINUM	78.61	I
CALCIUM	52.95	
IRON	23.05	I
MAGNESIUM	53.02	
SILVER	-14.93	I
SODIUM	219.42	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 16:28

Analyte	Result	C
ALUMINUM	27.91	I
CALCIUM	33.58	I
IRON	14.33	I
MAGNESIUM	42.17	I
SILVER	-5.94	I
SODIUM	179.09	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 17:39

Analyte	Result	C
ALUMINUM	45.09	I
CALCIUM	21.40	U
IRON	9.23	I
MAGNESIUM	34.79	I
SILVER	4.40	U
SODIUM	249.67	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BWA03A Jan 03, 2006 18:49

Analyte	Result	C
ALUMINUM	31.23	I
CALCIUM	21.40	U
IRON	8.32	I
MAGNESIUM	33.63	I
SILVER	6.84	I
SODIUM	231.01	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 20:00

Analyte	Result	C
ALUMINUM	40.56	I
CALCIUM	39.71	I
IRON	21.98	I
MAGNESIUM	35.51	I
SILVER	4.40	U
SODIUM	259.59	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 21:11

Analyte	Result	C
ALUMINUM	59.51	I
CALCIUM	35.71	I
IRON	20.37	I
MAGNESIUM	45.47	I
SILVER	7.80	I
SODIUM	288.93	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BWA03A Jan 03, 2006 22:22

Analyte	Result	C
ALUMINUM	68.16	I
CALCIUM	34.56	I
IRON	21.25	I
MAGNESIUM	42.88	I
SILVER	5.73	I
SODIUM	326.27	I

SAMPLE: CCB

File: BWA03A Jan 03, 2006 23:33

Analyte	Result	C
ALUMINUM	52.06	I
CALCIUM	29.91	I
IRON	10.75	I
MAGNESIUM	41.34	I
SILVER	6.18	I
SODIUM	392.07	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: BWA04A Jan 04, 2006 10:33

Analyte	Result	C
ALUMINUM	-168.56	I
CALCIUM	21.40	U
IRON	-14.76	I
MAGNESIUM	26.00	U
SODIUM	33.80	U

SAMPLE: CCB

File: BWA04A Jan 04, 2006 11:27

Analyte	Result	C
ALUMINUM	-93.86	I
CALCIUM	40.14	I
IRON	3.79	U
MAGNESIUM	32.90	I
SODIUM	157.62	I

SAMPLE: CCB

File: BWA04A Jan 04, 2006 12:38

Analyte	Result	C
ALUMINUM	-103.08	I
CALCIUM	55.42	
IRON	5.57	I
MAGNESIUM	37.25	I
SODIUM	178.56	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: BWA04A Jan 04, 2006 13:49

Analyte	Result	C
ALUMINUM	-117.69	I
CALCIUM	48.15	I
IRON	3.79	U
MAGNESIUM	61.94	
SODIUM	215.97	I

SAMPLE: CCB

File: BWA04A Jan 04, 2006 15:02

Analyte	Result	C
ALUMINUM	120.10	I
CALCIUM	21.40	U
IRON	-12.91	I
MAGNESIUM	26.00	U
SODIUM	346.47	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: HWA03A Jan 03, 2006 16:09

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 16:34

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:00

Analyte	Result	C
MERCURY	0.02	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:25

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:51

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICB

File: HWA04A Jan 04, 2006 10:03

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA04A Jan 04, 2006 10:28

Analyte	Result	C
MERCURY	0.05	I

SAMPLE: CCB

File: HWA04A Jan 04, 2006 10:54

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: CCB

File: HWA04A Jan 04, 2006 11:00

Analyte	Result	C
MERCURY	0.02	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL22ICW1

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: VL22ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	-21.150	I
ANTIMONY	4.110	U
ARSENIC	3.450	U
BARIUM	1.170	U
BERYLLIUM	0.290	U
CADMIUM	4.360	U
CALCIUM	21.400	U
CHROMIUM	-1.180	I
COBALT	3.050	U
COPPER	2.860	U
IRON	3.790	U
LEAD	1.650	U
MAGNESIUM	26.000	U
MANGANESE	-0.980	I
NICKEL	11.700	U
POTASSIUM	751.800	I
SELENIUM	3.590	U
SILVER	4.400	U
SODIUM	308.170	I
THALLIUM	6.130	U
VANADIUM	4.880	U
ZINC	2.080	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03HGW1

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03HGW1

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.033	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03HGW2

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03HGW2

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.030	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03ICW0

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	4.780	I
ANTIMONY	4.110	U
ARSENIC	3.450	U
BARIUM	1.170	U
BERYLLIUM	0.290	U
CADMIUM	4.360	U
CALCIUM	21.400	U
CHROMIUM	-1.450	I
COBALT	3.050	U
COPPER	2.860	U
IRON	3.790	U
LEAD	1.650	U
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	11.700	U
POTASSIUM	420.000	U
SELENIUM	3.670	I
SILVER	4.400	U
SODIUM	33.800	U
THALLIUM	6.130	U
VANADIUM	4.880	U
ZINC	2.280	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 13:26

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507794	101.6
ANTIMONY	0	1	
ARSENIC	0	-1	
CALCIUM	500000	523970	104.8
CHROMIUM	2	8	
IRON	200000	207457	103.7
LEAD	5	4	
MAGNESIUM	500000	524763	105.0
SELENIUM	0	-11	
THALLIUM	0	1	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 13:33

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503773	100.8
ANTIMONY	600	602	100.3
ARSENIC	100	96	96.0
CALCIUM	500000	518451	103.7
CHROMIUM	502	505	100.6
IRON	200000	205685	102.8
LEAD	55	55	100.0
MAGNESIUM	500000	518340	103.7
SELENIUM	50	44	88.0
THALLIUM	100	98	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 17:00

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495159	99.0
ANTIMONY	0	-2	
ARSENIC	0	0	
CALCIUM	500000	537166	107.4
CHROMIUM	2	7	
IRON	200000	210122	105.1
LEAD	5	3	
MAGNESIUM	500000	529923	106.0
SELENIUM	0	-10	
THALLIUM	0	0	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 17:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	491837	98.4
ANTIMONY	600	616	102.7
ARSENIC	100	100	100.0
CALCIUM	500000	536704	107.3
CHROMIUM	502	534	106.4
IRON	200000	209814	104.9
LEAD	55	55	100.0
MAGNESIUM	500000	527488	105.5
SELENIUM	50	46	92.0
THALLIUM	100	98	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 21:01

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	483769	96.8
ANTIMONY	0	2	
ARSENIC	0	-1	
CALCIUM	500000	522064	104.4
CHROMIUM	2	8	
IRON	200000	206386	103.2
LEAD	5	5	
MAGNESIUM	500000	516737	103.3
SELENIUM	0	-9	
THALLIUM	0	-5	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 21:07

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	481738	96.3
ANTIMONY	600	629	104.8
ARSENIC	100	96	96.0
CALCIUM	500000	519176	103.8
CHROMIUM	502	531	105.8
IRON	200000	205578	102.8
LEAD	55	53	96.4
MAGNESIUM	500000	513267	102.7
SELENIUM	50	41	82.0
THALLIUM	100	98	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 23:34

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	485130	97.0
ANTIMONY	0	-2	
ARSENIC	0	2	
CALCIUM	500000	515425	103.1
CHROMIUM	2	7	
IRON	200000	205890	102.9
LEAD	5	7	
MAGNESIUM	500000	515577	103.1
SELENIUM	0	-10	
THALLIUM	0	-3	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 23:40

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	481106	96.2
ANTIMONY	600	629	104.8
ARSENIC	100	94	94.0
CALCIUM	500000	508658	101.7
CHROMIUM	502	525	104.6
IRON	200000	203501	101.8
LEAD	55	54	98.2
MAGNESIUM	500000	508604	101.7
SELENIUM	50	40	80.0
THALLIUM	100	89	89.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 06, 2006 03:07

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	498924	99.8
ANTIMONY	0	-3	
ARSENIC	0	-1	
CALCIUM	500000	498312	99.7
CHROMIUM	2	7	
IRON	200000	200865	100.4
LEAD	5	6	
MAGNESIUM	500000	507426	101.5
SELENIUM	0	-8	
THALLIUM	0	-4	

SAMPLE: ICSAB

File: AWA05A Jan 06, 2006 03:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495710	99.1
ANTIMONY	600	618	103.0
ARSENIC	100	93	93.0
CALCIUM	500000	502629	100.5
CHROMIUM	502	511	101.8
IRON	200000	201706	100.9
LEAD	55	58	105.5
MAGNESIUM	500000	507731	101.5
SELENIUM	50	40	80.0
THALLIUM	100	93	93.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 11:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	513106	102.6
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	2	
CALCIUM	500000	515959	103.2
COBALT	0	-6	
COPPER	0	-3	
IRON	200000	199334	99.7
MAGNESIUM	500000	518570	103.7
MANGANESE	4	6	
NICKEL	0	-1	
POTASSIUM	0	-25	
VANADIUM	0	3	
ZINC	4	-8	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 12:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504297	100.9
BARIUM	500	506	101.2
BERYLLIUM	500	491	98.2
CADMIUM	1000	1025	102.5
CALCIUM	500000	509082	101.8
COBALT	500	489	97.8
COPPER	500	490	98.0
IRON	200000	196551	98.3
MAGNESIUM	500000	511352	102.3
MANGANESE	504	491	97.4
NICKEL	1000	978	97.8
POTASSIUM	20000	19637	98.2
VANADIUM	500	500	100.0
ZINC	1004	984	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 15:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	519005	103.8
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	4	
CALCIUM	500000	510031	102.0
COBALT	0	-6	
COPPER	0	-8	
IRON	200000	195764	97.9
MAGNESIUM	500000	517260	103.5
MANGANESE	4	5	
NICKEL	0	5	
POTASSIUM	0	255	
VANADIUM	0	0	
ZINC	4	-3	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 15:55

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	517247	103.4
BARIUM	500	526	105.2
BERYLLIUM	500	494	98.8
CADMIUM	1000	1042	104.2
CALCIUM	500000	503688	100.7
COBALT	500	467	93.4
COPPER	500	499	99.8
IRON	200000	195793	97.9
MAGNESIUM	500000	508773	101.8
MANGANESE	504	496	98.4
NICKEL	1000	964	96.4
POTASSIUM	20000	20179	100.9
VANADIUM	500	493	98.6
ZINC	1004	997	99.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 19:21

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	527591	105.5
BARIUM	0	0	
BERYLLIUM	0	0	
CADMIUM	0	4	
CALCIUM	500000	483236	96.6
COBALT	0	-6	
COPPER	0	-12	
IRON	200000	188764	94.4
MAGNESIUM	500000	500600	100.1
MANGANESE	4	2	
NICKEL	0	8	
POTASSIUM	0	353	
VANADIUM	0	-5	
ZINC	4	0	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 19:27

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	524354	104.9
BARIUM	500	528	105.6
BERYLLIUM	500	491	98.2
CADMIUM	1000	1031	103.1
CALCIUM	500000	480608	96.1
COBALT	500	442	88.4
COPPER	500	500	100.0
IRON	200000	188533	94.3
MAGNESIUM	500000	498692	99.7
MANGANESE	504	495	98.2
NICKEL	1000	929	92.9
POTASSIUM	20000	20552	102.8
VANADIUM	500	487	97.4
ZINC	1004	983	97.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 22:13

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	524106	104.8
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	5	
CALCIUM	500000	483783	96.8
COBALT	0	-6	
COPPER	0	-8	
IRON	200000	190042	95.0
MAGNESIUM	500000	503902	100.8
MANGANESE	4	2	
NICKEL	0	1	
POTASSIUM	0	751	
VANADIUM	0	-2	
ZINC	4	-2	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 22:19

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	510825	102.2
BARIUM	500	509	101.8
BERYLLIUM	500	486	97.2
CADMIUM	1000	1007	100.7
CALCIUM	500000	472258	94.5
COBALT	500	437	87.4
COPPER	500	489	97.8
IRON	200000	185728	92.9
MAGNESIUM	500000	492778	98.6
MANGANESE	504	488	96.8
NICKEL	1000	914	91.4
POTASSIUM	20000	20248	101.2
VANADIUM	500	480	96.0
ZINC	1004	963	95.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA03A Jan 03, 2006 12:28

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	505737	101.1
CALCIUM	500000	523880	104.8
IRON	200000	198791	99.4
MAGNESIUM	500000	512271	102.5
SILVER	0	6	
SODIUM	0	219	

SAMPLE: ICSAB

File: BWA03A Jan 03, 2006 12:34

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	494620	98.9
CALCIUM	500000	512662	102.5
IRON	200000	194861	97.4
MAGNESIUM	500000	501757	100.4
SILVER	200	206	103.0
SODIUM	20000	20472	102.4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA03A Jan 03, 2006 16:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	518072	103.6
CALCIUM	500000	522817	104.6
IRON	200000	199960	100.0
MAGNESIUM	500000	501661	100.3
SILVER	0	9	
SODIUM	0	129	

SAMPLE: ICSAB

File: BWA03A Jan 03, 2006 16:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504738	100.9
CALCIUM	500000	496945	99.4
IRON	200000	192885	96.4
MAGNESIUM	500000	482159	96.4
SILVER	200	212	106.0
SODIUM	20000	22490	112.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA03A Jan 03, 2006 19:43

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	529858	106.0
CALCIUM	500000	535026	107.0
IRON	200000	202807	101.4
MAGNESIUM	500000	532559	106.5
SILVER	0	5	
SODIUM	0	107	

SAMPLE: ICSAB

File: BWA03A Jan 03, 2006 19:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	508689	101.7
CALCIUM	500000	515192	103.0
IRON	200000	195380	97.7
MAGNESIUM	500000	512642	102.5
SILVER	200	215	107.5
SODIUM	20000	21810	109.1

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA03A Jan 03, 2006 23:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	518100	103.6
CALCIUM	500000	531876	106.4
IRON	200000	199808	99.9
MAGNESIUM	500000	524145	104.8
SILVER	0	9	
SODIUM	0	156	

SAMPLE: ICSAB

File: BWA03A Jan 03, 2006 23:22

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	510605	102.1
CALCIUM	500000	524873	105.0
IRON	200000	197317	98.7
MAGNESIUM	500000	517037	103.4
SILVER	200	220	110.0
SODIUM	20000	22158	110.8

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA04A Jan 04, 2006 11:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516213	103.2
CALCIUM	500000	516053	103.2
IRON	200000	201145	100.6
MAGNESIUM	500000	511172	102.2
SODIUM	0	-19	

SAMPLE: ICSAB

File: BWA04A Jan 04, 2006 11:15

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	508207	101.6
CALCIUM	500000	507777	101.6
IRON	200000	198374	99.2
MAGNESIUM	500000	503661	100.7
SODIUM	20000	20586	102.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA04A Jan 04, 2006 14:42

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	525462	105.1
CALCIUM	500000	553111	110.6
IRON	200000	208638	104.3
MAGNESIUM	500000	530891	106.2
SODIUM	0	169	

SAMPLE: ICSAB

File: BWA04A Jan 04, 2006 14:48

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503605	100.7
CALCIUM	500000	530282	106.1
IRON	200000	201673	100.8
MAGNESIUM	500000	509488	101.9
SODIUM	20000	20669	103.3

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 3221GW0701S

Matrix: WATER | **SDG Name:** CTO367-3

Percent Solids: 0.00 | **Lab Sample ID:** WV6662-004S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2061.6600		194.8900	I	2000	93.3		75	125	P
ANTIMONY, TOTAL	533.8100		-0.1700	U	500	106.8		75	125	P
ARSENIC, TOTAL	522.4400		1.4200	U	500	104.5		75	125	P
BARIUM, TOTAL	1723.7200		4.8000	I	2000	85.9		75	125	P
BERYLLIUM, TOTAL	41.4500		-0.1500	U	50	82.9		75	125	P
CADMIUM, TOTAL	268.8000		0.1500	U	250	107.5		75	125	P
CALCIUM, TOTAL	38104.5800		34848.0700		2500	130.3		75	125	P
CHROMIUM, TOTAL	177.9100		0.8200	U	200	89.0		75	125	P
COBALT, TOTAL	400.6300		-1.2600	U	500	80.1		75	125	P
COPPER, TOTAL	215.0100		0.5500	U	250	86.0		75	125	P
IRON, TOTAL	1007.2300		131.9700		1000	87.5		75	125	P
LEAD, TOTAL	526.7600		1.0500	U	500	105.4		75	125	P
MAGNESIUM, TOTAL	7378.8700		2046.1000		5000	106.7		75	125	P
MANGANESE, TOTAL	424.2300		-0.0600	U	500	84.8		75	125	P
NICKEL, TOTAL	411.8800		-3.9400	U	500	82.4		75	125	P
POTASSIUM, TOTAL	11919.2600		1194.4900	I	10000	107.2		75	125	P
SELENIUM, TOTAL	524.8600		-0.2300	U	500	105.0		75	125	P
SILVER, TOTAL	46.0100		8.4100	I	50	75.2		75	125	P
SODIUM, TOTAL	18144.6500		9268.5900		7500	118.3		75	125	P
THALLIUM, TOTAL	509.7700		5.3800	U	500	102.0		75	125	P
VANADIUM, TOTAL	426.4000		-3.0000	U	500	85.3		75	125	P
ZINC, TOTAL	423.1800		10.4600	I	500	82.5		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 3221GW0701S

Matrix: WATER | **SDG Name:** CTO367-3

Percent Solids: 0.00 | **Lab Sample ID:** WV6662-004P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2364.2100		194.8900	I	2000	108.5		75	125	P
ANTIMONY, TOTAL	524.2200		-0.1700	U	500	104.8		75	125	P
ARSENIC, TOTAL	509.7000		1.4200	U	500	101.9		75	125	P
BARIUM, TOTAL	2057.2900		4.8000	I	2000	102.6		75	125	P
BERYLLIUM, TOTAL	49.2500		-0.1500	U	50	98.5		75	125	P
CADMIUM, TOTAL	258.5800		0.1500	U	250	103.4		75	125	P
CALCIUM, TOTAL	36773.8600		34848.0700		2500	77.0		75	125	P
CHROMIUM, TOTAL	212.9100		0.8200	U	200	106.5		75	125	P
COBALT, TOTAL	476.3000		-1.2600	U	500	95.3		75	125	P
COPPER, TOTAL	255.5400		0.5500	U	250	102.2		75	125	P
IRON, TOTAL	1156.6700		131.9700		1000	102.5		75	125	P
LEAD, TOTAL	513.1500		1.0500	U	500	102.6		75	125	P
MAGNESIUM, TOTAL	7079.7900		2046.1000		5000	100.7		75	125	P
MANGANESE, TOTAL	508.0800		-0.0600	U	500	101.6		75	125	P
NICKEL, TOTAL	496.3700		-3.9400	U	500	99.3		75	125	P
POTASSIUM, TOTAL	11491.6500		1194.4900	I	10000	103.0		75	125	P
SELENIUM, TOTAL	510.8600		-0.2300	U	500	102.2		75	125	P
SILVER, TOTAL	55.0300		8.4100	I	50	93.2		75	125	P
SODIUM, TOTAL	17574.5500		9268.5900		7500	110.7		75	125	P
THALLIUM, TOTAL	493.5400		5.3800	U	500	98.7		75	125	P
VANADIUM, TOTAL	505.6600		-3.0000	U	500	101.1		75	125	P
ZINC, TOTAL	501.5600		10.4600	I	500	98.2		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 44GW0901S

Matrix: WATER | **SDG Name:** CTO367-3

Percent Solids: 0.00 | **Lab Sample ID:** WV6687-004S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	5623.7200		2796.3900		2000	141.4	J	75	125	P
ANTIMONY, TOTAL	519.6000		-1.1600	U	500	103.9		75	125	P
ARSENIC, TOTAL	557.0900		2.7200	U	500	111.4		75	125	P
BARIUM, TOTAL	2108.6900		5.0800		2000	105.2		75	125	P
BERYLLIUM, TOTAL	50.6900		-0.2500	U	50	101.4		75	125	P
CADMIUM, TOTAL	288.0300		0.0000	U	250	115.2		75	125	P
CALCIUM, TOTAL	15996.9300		12639.3500		2500	134.3		75	125	P
CHROMIUM, TOTAL	211.6100		1.4400	I	200	105.1		75	125	P
COBALT, TOTAL	509.6300		-1.1100	U	500	101.9		75	125	P
COPPER, TOTAL	261.2400		-2.3000	U	250	104.5		75	125	P
IRON, TOTAL	2577.0900		1286.5600		1000	129.1	J	75	125	P
LEAD, TOTAL	570.7500		0.5000	U	500	114.2		75	125	P
MAGNESIUM, TOTAL	8852.9100		3388.8300		5000	109.3		75	125	P
MANGANESE, TOTAL	519.6900		1.4500	I	500	103.6		75	125	P
MERCURY, TOTAL	0.8980		0.0120	U	1	89.8		75	125	CV
NICKEL, TOTAL	526.7500		-4.9000	U	500	105.3		75	125	P
POTASSIUM, TOTAL	10964.7200		897.7300	I	10000	100.7		75	125	P
SELENIUM, TOTAL	559.3400		3.6700	I	500	111.1		75	125	P
SILVER, TOTAL	52.6100		4.9000	I	50	95.4		75	125	P
SODIUM, TOTAL	32017.5700		23928.5800		7500	107.9		75	125	P
THALLIUM, TOTAL	556.0600		1.7600	U	500	111.2		75	125	P
VANADIUM, TOTAL	527.0600		0.3800	U	500	105.4		75	125	P
ZINC, TOTAL	533.1300		18.6300	I	500	102.9		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 44GW0901S

Matrix: WATER | **SDG Name:** CTO367-3

Percent Solids: 0.00 | **Lab Sample ID:** WV6687-004P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	5363.0300		2796.3900		2000	128.3	J	75	125	P
ANTIMONY, TOTAL	499.4400		-1.1600	U	500	99.9		75	125	P
ARSENIC, TOTAL	537.6800		2.7200	U	500	107.5		75	125	P
BARIUM, TOTAL	2095.4700		5.0800		2000	104.5		75	125	P
BERYLLIUM, TOTAL	50.2900		-0.2500	U	50	100.6		75	125	P
CADMIUM, TOTAL	285.1200		0.0000	U	250	114.0		75	125	P
CALCIUM, TOTAL	15695.6500		12639.3500		2500	122.3		75	125	P
CHROMIUM, TOTAL	205.4400		1.4400	I	200	102.0		75	125	P
COBALT, TOTAL	510.1100		-1.1100	U	500	102.0		75	125	P
COPPER, TOTAL	261.7400		-2.3000	U	250	104.7		75	125	P
IRON, TOTAL	2499.0000		1286.5600		1000	121.2		75	125	P
LEAD, TOTAL	545.8900		0.5000	U	500	109.2		75	125	P
MAGNESIUM, TOTAL	8809.0600		3388.8300		5000	108.4		75	125	P
MANGANESE, TOTAL	516.1000		1.4500	I	500	102.9		75	125	P
MERCURY, TOTAL	0.8530		0.0120	U	1	85.3		75	125	CV
NICKEL, TOTAL	522.1900		-4.9000	U	500	104.4		75	125	P
POTASSIUM, TOTAL	11233.4100		897.7300	I	10000	103.4		75	125	P
SELENIUM, TOTAL	542.2600		3.6700	I	500	107.7		75	125	P
SILVER, TOTAL	50.7400		4.9000	I	50	91.7		75	125	P
SODIUM, TOTAL	31571.5300		23928.5800		7500	101.9		75	125	P
THALLIUM, TOTAL	538.4200		1.7600	U	500	107.7		75	125	P
VANADIUM, TOTAL	522.8800		0.3800	U	500	104.6		75	125	P
ZINC, TOTAL	529.7200		18.6300	I	500	102.2		75	125	P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0701

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6662-004

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, TOTAL		2061.6600		2364.2100		13.7		P
ANTIMONY, TOTAL		533.8100		524.2200		1.8		P
ARSENIC, TOTAL		522.4400		509.7000		2.5		P
BARIUM, TOTAL		1723.7200		2057.2900		17.6		P
BERYLLIUM, TOTAL		41.4500		49.2500		17.2		P
CADMIUM, TOTAL		268.8000		258.5800		3.9		P
CALCIUM, TOTAL		38104.5800		36773.8600		3.6		P
CHROMIUM, TOTAL		177.9100		212.9100		17.9		P
COBALT, TOTAL		400.6300		476.3000		17.3		P
COPPER, TOTAL		215.0100		255.5400		17.2		P
IRON, TOTAL		1007.2300		1156.6700		13.8		P
LEAD, TOTAL		526.7600		513.1500		2.6		P
MAGNESIUM, TOTAL		7378.8700		7079.7900		4.1		P
MANGANESE, TOTAL		424.2300		508.0800		18.0		P
NICKEL, TOTAL		411.8800		496.3700		18.6		P
POTASSIUM, TOTAL		11919.2600		11491.6500		3.7		P
SELENIUM, TOTAL		524.8600		510.8600		2.7		P
SILVER, TOTAL	15	46.0100		55.0300		17.9		P
SODIUM, TOTAL		18144.6500		17574.5500		3.2		P
THALLIUM, TOTAL		509.7700		493.5400		3.2		P
VANADIUM, TOTAL		426.4000		505.6600		17.0		P
ZINC, TOTAL		423.1800		501.5600		17.0		P

Comments:

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW0901

Matrix: WATER **SDG Name:** CTO367-3

Percent Solids: 0.00 **Lab Sample ID:** WV6687-004

Concentration Units : ug/L

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
ALUMINUM, TOTAL		5623.7200		5363.0300		4.7		P
ANTIMONY, TOTAL		519.6000		499.4400		4.0		P
ARSENIC, TOTAL		557.0900		537.6800		3.5		P
BARIUM, TOTAL		2108.6900		2095.4700		0.6		P
BERYLLIUM, TOTAL		50.6900		50.2900		0.8		P
CADMIUM, TOTAL		288.0300		285.1200		1.0		P
CALCIUM, TOTAL		15996.9300		15695.6500		1.9		P
CHROMIUM, TOTAL		211.6100		205.4400		3.0		P
COBALT, TOTAL		509.6300		510.1100		0.1		P
COPPER, TOTAL		261.2400		261.7400		0.2		P
IRON, TOTAL		2577.0900		2499.0000		3.1		P
LEAD, TOTAL		570.7500		545.8900		4.5		P
MAGNESIUM, TOTAL		8852.9100		8809.0600		0.5		P
MANGANESE, TOTAL		519.6900		516.1000		0.7		P
MERCURY, TOTAL	0.2	0.8980		0.8530		5.1		CV
NICKEL, TOTAL		526.7500		522.1900		0.9		P
POTASSIUM, TOTAL		10964.7200		11233.4100		2.4		P
SELENIUM, TOTAL		559.3400		542.2600		3.1		P
SILVER, TOTAL	15	52.6100		50.7400		3.6		P
SODIUM, TOTAL		32017.5700		31571.5300		1.4		P
THALLIUM, TOTAL		556.0600		538.4200		3.2		P
VANADIUM, TOTAL		527.0600		522.8800		0.8		P
ZINC, TOTAL		533.1300		529.7200		0.6		P

Comments:

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVL22ICW1

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: VL22ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2102.24	105.1	80	120
ANTIMONY	500.0	493.81	98.8	80	120
ARSENIC	500.0	504.55	100.9	80	120
BARIUM	2000.0	2095.54	104.8	80	120
BERYLLIUM	50.0	49.02	98.0	80	120
CADMIUM	250.0	260.55	104.2	80	120
CALCIUM	2500.0	2590.49	103.6	80	120
CHROMIUM	200.0	202.52	101.3	80	120
COBALT	500.0	483.11	96.6	80	120
COPPER	250.0	256.96	102.8	80	120
IRON	1000.0	1024.37	102.4	80	120
LEAD	500.0	517.02	103.4	80	120
MAGNESIUM	5000.0	5116.30	102.3	80	120
MANGANESE	500.0	510.12	102.0	80	120
NICKEL	500.0	506.81	101.4	80	120
POTASSIUM	10000.0	10630.19	106.3	80	120
SELENIUM	500.0	501.58	100.3	80	120
SILVER	50.0	46.87	93.7	80	120
SODIUM	7500.0	8045.22	107.3	80	120
THALLIUM	500.0	512.34	102.5	80	120
VANADIUM	500.0	505.33	101.1	80	120
ZINC	500.0	507.14	101.4	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA03HGW1

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03HGW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	4.97	99.4	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA03HGW2

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03HGW2

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	4.96	99.2	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA03ICW0

Matrix: WATER **SDG Name:** CTO367-3

QC Batch ID: WA03ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2064.18	103.2	80	120
ANTIMONY	500.0	509.99	102.0	80	120
ARSENIC	500.0	551.12	110.2	80	120
BARIUM	2000.0	2069.53	103.5	80	120
BERYLLIUM	50.0	49.59	99.2	80	120
CADMIUM	250.0	285.17	114.1	80	120
CALCIUM	2500.0	2741.57	109.7	80	120
CHROMIUM	200.0	207.20	103.6	80	120
COBALT	500.0	505.91	101.2	80	120
COPPER	250.0	259.58	103.8	80	120
IRON	1000.0	1060.30	106.0	80	120
LEAD	500.0	558.36	111.7	80	120
MAGNESIUM	5000.0	5194.08	103.9	80	120
MANGANESE	500.0	509.36	101.9	80	120
NICKEL	500.0	532.47	106.5	80	120
POTASSIUM	10000.0	10680.53	106.8	80	120
SELENIUM	500.0	555.68	111.1	80	120
SILVER	50.0	48.25	96.5	80	120
SODIUM	7500.0	8104.55	108.1	80	120
THALLIUM	500.0	539.06	107.8	80	120
VANADIUM	500.0	510.31	102.1	80	120
ZINC	500.0	507.97	101.6	80	120

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** 44GW0901L

Matrix: WATER **SDG Name:** CTO367-3

Lab Sample ID: WV6687-004L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, TOTAL	2796.39		2877.94		2.9		P
BARIUM, TOTAL	5.08		5.02	U	100.0	OK	P
BERYLLIUM, TOTAL	-0.25	U	0.17	U			P
CADMIUM, TOTAL	0.00	U	15.23	U			P
CALCIUM, TOTAL	12639.35		12614.92		0.2		P
COBALT, TOTAL	-1.11	U	-0.33	U			P
COPPER, TOTAL	-2.30	U	-4.42	U			P
IRON, TOTAL	1286.56		1300.46		1.1		P
MAGNESIUM, TOTAL	3388.83		3341.95		1.4		P
MANGANESE, TOTAL	1.45	I	-0.25	U	100.0	OK	P
NICKEL, TOTAL	-4.90	U	-8.15	U			P
POTASSIUM, TOTAL	897.73	I	2743.98	I	205.7	OK	P
SILVER, TOTAL	4.90	I	22.92	I	367.8	OK	P
VANADIUM, TOTAL	0.38	U	-9.30	U			P
ZINC, TOTAL	18.63	I	29.25	I	57.0	OK	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ANTIMONY	8.0	4.11	P
ARSENIC	8.0	3.45	P
CHROMIUM	15	1.01	P
LEAD	5.0	1.65	P
SELENIUM	10	3.59	P
THALLIUM	15	6.13	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	2.73	P
BARIUM	5.0	1.17	P
BERYLLIUM	5.0	0.29	P
CADMIUM	10	4.36	P
CALCIUM	50	21.40	P
COBALT	30	3.05	P
COPPER	25	2.86	P
IRON	100	3.79	P
MAGNESIUM	50	26.00	P
MANGANESE	5.0	0.70	P
NICKEL	40	11.70	P
POTASSIUM	2000	420.00	P
SILVER	15	4.40	P
SODIUM	1000	33.80	P
VANADIUM	25	4.88	P
ZINC	25	1.74	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.02	CV

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL22ICW1

Matrix: WATER **SDG Name:** CTO367-3

Method: P **Prep Date:** 12/22/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVL22ICW1	LCSWVL22ICW1	0.05	0.05
PBWVL22ICW1	PBWVL22ICW1	0.05	0.05
3221GW0401	WV6662-001	0.05	0.05
3221GW0501	WV6662-002	0.05	0.05
3221GW0801	WV6662-003	0.05	0.05
3221GW0701	WV6662-004	0.05	0.05
3221GW0701P	WV6662-004P	0.05	0.05
3221GW0701S	WV6662-004S	0.05	0.05
3221GW0901	WV6662-006	0.05	0.05
3221GW1001	WV6662-007	0.05	0.05
3221GW1001D	WV6662-008	0.05	0.05
44GW1401	WV6687-001	0.05	0.05
44GW1101	WV6687-002	0.05	0.05
44GW1001	WV6687-003	0.05	0.05
44GW0901	WV6687-004	0.05	0.05
44GW1901	WV6687-005	0.05	0.05
44GW1801	WV6687-007	0.05	0.05
44GW1301	WV6687-008	0.05	0.05
44GW1501	WV6687-009	0.05	0.05
44GW1201	WV6687-010	0.05	0.05
3221GW0601	WV6687-011	0.05	0.05
44GW1501D	WV6687-012	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03HGW1

Matrix: WATER **SDG Name:** CTO367-3

Method: CV **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03HGW1	LCSWWA03HGW1	0.025	0.025
PBWWA03HGW1	PBWWA03HGW1	0.025	0.025
3221GW0401	WV6662-001	0.025	0.025
3221GW0501	WV6662-002	0.025	0.025
3221GW0801	WV6662-003	0.025	0.025
3221GW0701	WV6662-004	0.025	0.025
3221GW0901	WV6662-006	0.025	0.025
3221GW1001	WV6662-007	0.025	0.025
3221GW1001D	WV6662-008	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03HGW2

Matrix: WATER **SDG Name:** CTO367-3

Method: CV **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03HGW2	LCSWWA03HGW2	0.025	0.025
PBWWA03HGW2	PBWWA03HGW2	0.025	0.025
44GW1401	WV6687-001	0.025	0.025
44GW1101	WV6687-002	0.025	0.025
44GW1001	WV6687-003	0.025	0.025
44GW0901	WV6687-004	0.025	0.025
44GW0901P	WV6687-004P	0.025	0.025
44GW0901S	WV6687-004S	0.025	0.025
44GW1901	WV6687-005	0.025	0.025
44GW1801	WV6687-007	0.025	0.025
44GW1301	WV6687-008	0.025	0.025
44GW1501	WV6687-009	0.025	0.025
44GW1201	WV6687-010	0.025	0.025
3221GW0601	WV6687-011	0.025	0.025
44GW1501D	WV6687-012	0.025	0.025

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	12:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
S1		1	12:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
AL IEC		1	12:19	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
FE IEC		1	12:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
MN IEC		1	12:33	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
IEC		1	12:39	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICV		1	12:46	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICB		1	12:53	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
PQL		1	13:06	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
0.1PPM CA,MG		1	13:13	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CRI		1	13:20	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	13:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	13:33	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	13:41	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	13:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
LCSWVL22ICW1		1	13:54	Sb As	Cr	Pb	Se	Tl
PBWVL22ICW1		1	14:01	Sb As	Cr	Pb	Se	Tl
ZZZZZZ		1	14:07					
ZZZZZZ		1	14:14					
ZZZZZZ		1	14:21					
ZZZZZZ		1	14:27					
ZZZZZZ		1	14:34					
CCV		1	14:41	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	14:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	14:54					
ZZZZZZ		1	15:01					
ZZZZZZ		1	15:07					
ZZZZZZ		1	15:14					
ZZZZZZ		1	15:21					
ZZZZZZ		1	15:27					
ZZZZZZ		1	15:34					
ZZZZZZ		1	15:40					
ZZZZZZ		1	15:47					
CCV		1	15:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	16:00	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	16:07					
ZZZZZZ		1	16:14					
ZZZZZZ		1	16:20					
ZZZZZZ		1	16:27					
ZZZZZZ		1	16:34					
ZZZZZZ		1	16:40					
ZZZZZZ		5	16:47					
CRI		1	16:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	17:00	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	17:08	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	17:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	17:21	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	17:28					
ZZZZZZ		1	17:34					
ZZZZZZ		1	17:41					

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ZZZZZZ		1	17:48					
ZZZZZZ		1	17:54					
ZZZZZZ		1	18:01					
ZZZZZZ		1	18:08					
ZZZZZZ		1	18:14					
ZZZZZZ		1	18:21					
ZZZZZZ		1	18:28					
CCV		1	18:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	18:41	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	18:48					
ZZZZZZ		1	18:54					
ZZZZZZ		1	19:01					
ZZZZZZ		1	19:07					
ZZZZZZ		5	19:14					
ZZZZZZ		1	19:21					
ZZZZZZ		1	19:27					
ZZZZZZ		1	19:34					
ZZZZZZ		1	19:41					
ZZZZZZ		1	19:47					
CCV		1	19:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	20:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	20:07					
ZZZZZZ		1	20:14					
ZZZZZZ		1	20:21					
ZZZZZZ		1	20:27					
ZZZZZZ		5	20:34					
ZZZZZZ		1	20:41					
ZZZZZZ		1	20:47					
CRI		1	20:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	21:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	21:07	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	21:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	21:21	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	21:27					
ZZZZZZ		1	21:34					
ZZZZZZ		1	21:41					
ZZZZZZ		1	21:47					
ZZZZZZ		1	21:54					
ZZZZZZ		1	22:01					
ZZZZZZ		5	22:07					
ZZZZZZ		1	22:14					
ZZZZZZ		1	22:20					
ZZZZZZ		1	22:27					
CCV		1	22:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	22:40	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	22:47					
ZZZZZZ		1	22:54					
ZZZZZZ		1	23:00					
ZZZZZZ		1	23:07					
ZZZZZZ		1	23:14					
WV6662-001	3221GW0401	1	23:20	Sb As	Cr	Pb	Se	Tl

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
CRI		1	23:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	23:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	23:40	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	23:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	23:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
WV6662-002	3221GW0501	1	0:00	Sb As	Cr	Pb	Se	Tl
WV6662-003	3221GW0801	1	0:07	Sb As	Cr	Pb	Se	Tl
WV6662-004	3221GW0701	1	0:14	Sb As	Cr	Pb	Se	Tl
WV6662-004P	3221GW0701P	1	0:20	Sb As	Cr	Pb	Se	Tl
WV6662-004S	3221GW0701S	1	0:27	Sb As	Cr	Pb	Se	Tl
WV6662-006	3221GW0901	1	0:34	Sb As	Cr	Pb	Se	Tl
WV6662-007	3221GW1001	1	0:40	Sb As	Cr	Pb	Se	Tl
WV6662-008	3221GW1001D	1	0:47	Sb As	Cr	Pb	Se	Tl
WV6687-001	44GW1401	1	0:54	Sb As	Cr	Pb	Se	Tl
WV6687-002	44GW1101	1	1:00	Sb As	Cr	Pb	Se	Tl
CCV		1	1:07	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	1:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
WV6687-003	44GW1001	1	1:21	Sb As	Cr	Pb	Se	Tl
WV6687-004	44GW0901	1	1:27	Sb As	Cr	Pb	Se	Tl
WV6687-005	44GW1901	1	1:34	Sb As	Cr	Pb	Se	Tl
WV6687-007	44GW1801	1	1:41	Sb As	Cr	Pb	Se	Tl
WV6687-008	44GW1301	1	1:47	Sb As	Cr	Pb	Se	Tl
WV6687-009	44GW1501	1	1:54	Sb As	Cr	Pb	Se	Tl
WV6687-010	44GW1201	1	2:01	Sb As	Cr	Pb	Se	Tl
WV6687-011	3221GW0601	1	2:07	Sb As	Cr	Pb	Se	Tl
WV6687-012	44GW1501D	1	2:14	Sb As	Cr	Pb	Se	Tl
LCSWWA03ICW0		1	2:21	Sb As	Cr	Pb	Se	Tl
CCV		1	2:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	2:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
PBWWA03ICW0		1	2:41	Sb As	Cr	Pb	Se	Tl
WV6687-004RP	44GW0901RP	1	2:47	Al Sb As	Cr	Pb	Se	Tl
WV6687-004RS	44GW0901RS	1	2:54	Al Sb As	Cr	Pb	Se	Tl
CRI		1	3:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	3:07	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	3:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	3:21	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	3:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BVL30A

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
S0		1	10:42	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
S1		1	10:48	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
AL_IEC		1	10:54	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
FE_IEC		1	11:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICV		1	11:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICB		1	11:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
PQL		1	11:23	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
0.1 PPM CA,MG		1	11:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CRI		1	11:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSA		1	11:57	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSAB		1	12:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCV		1	12:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	12:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	12:21														
ZZZZZZ		1	12:27														
ZZZZZZ		1	12:32														
ZZZZZZ		1	12:38														
ZZZZZZ		1	12:44														
ZZZZZZ		1	12:50														
ZZZZZZ		1	12:56														
ZZZZZZ		1	13:02														
ZZZZZZ		1	13:08														
ZZZZZZ		1	13:14														
CCV		1	13:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	13:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	13:32														
ZZZZZZ		1	13:37														
ZZZZZZ		1	13:43														
ZZZZZZ		1	13:49														
ZZZZZZ		1	13:55														
ZZZZZZ		1	14:01														
ZZZZZZ		1	14:07														
ZZZZZZ		1	14:13														
ZZZZZZ		1	14:19														
ZZZZZZ		1	14:25														
CCV		1	14:31	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	14:36	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		2	14:44														
CCV		1	14:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	14:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	15:01														
ZZZZZZ		1	15:07														
ZZZZZZ		1	15:13														
ZZZZZZ		1	15:19														
ZZZZZZ		1	15:25														
ZZZZZZ		1	15:31														
ZZZZZZ		1	15:37														
CRI		1	15:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSA		1	15:49	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSAB		1	15:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BVL30A

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
CCV		1	16:00	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	16:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	16:12														
ZZZZZZ		1	16:18														
ZZZZZZ		1	16:24														
ZZZZZZ		1	16:30														
ZZZZZZ		1	16:36														
ZZZZZZ		1	16:42														
ZZZZZZ		1	16:48														
ZZZZZZ		1	16:54														
ZZZZZZ		1	16:59														
ZZZZZZ		1	17:05														
CCV		1	17:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	17:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	17:23														
ZZZZZZ		1	17:29														
ZZZZZZ		1	17:35														
ZZZZZZ		1	17:41														
ZZZZZZ		1	17:47														
ZZZZZZ		1	17:53														
ZZZZZZ		1	17:59														
ZZZZZZ		1	18:04														
ZZZZZZ		1	18:10														
LCSWVL22ICW1		1	18:16	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCV		1	18:22	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	18:28	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
PBWVL22ICW1		1	18:34	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-001	3221GW0401	1	18:40	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-002	3221GW0501	1	18:46	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-003	3221GW0801	1	18:52	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-004	3221GW0701	1	18:58	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-006	3221GW0901	1	19:04	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-007	3221GW1001	1	19:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CRI		1	19:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSA		1	19:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSAB		1	19:27	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCV		1	19:33	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	19:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-008	3221GW1001D	1	19:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-001	44GW1401	1	19:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-002	44GW1101	1	19:57	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-003	44GW1001	1	20:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-004	44GW0901	1	20:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-004L	44GW0901L	5	20:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-004P	3221GW0701P	1	20:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6662-004S	3221GW0701S	1	20:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-005	44GW1901	1	20:32	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-007	44GW1801	1	20:38	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCV		1	20:44	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	20:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-008	44GW1301	1	20:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BVL30A

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
WV6687-009	44GW1501	1	21:02	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-010	44GW1201	1	21:08	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-011	3221GW0601	1	21:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
WV6687-012	44GW1501D	1	21:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ZZZZZZ		1	21:25														
ZZZZZZ		1	21:31														
ZZZZZZ		1	21:37														
ZZZZZZ		1	21:43														
ZZZZZZ		1	21:49														
CCV		1	21:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	22:01	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CRI		1	22:07	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSA		1	22:13	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
ICSAB		1	22:19	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCV		1	22:25	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn
CCB		1	22:31	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BWA03A

Date: 1/3/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
S0		1	11:02 Al	Ca	Fe	Mg	Ag Na
S1		1	11:08 Al	Ca	Fe	Mg	Ag Na
AL IEC		1	11:13 Al	Ca	Fe	Mg	Ag Na
FE IEC		1	11:22 Al	Ca	Fe	Mg	Ag Na
ICV		1	11:31 Al	Ca	Fe	Mg	Ag Na
ICB		1	11:37 Al	Ca	Fe	Mg	Ag Na
PQL		1	11:42 Al	Ca	Fe	Mg	Ag Na
0.1 PPM CA,MG		1	11:48 Al	Ca	Fe	Mg	Ag Na
CRI		1	12:06 Al	Ca	Fe	Mg	Ag Na
CRI		1	12:22 Al	Ca	Fe	Mg	Ag Na
ICSA		1	12:28 Al	Ca	Fe	Mg	Ag Na
ICSAB		1	12:34 Al	Ca	Fe	Mg	Ag Na
CCV		1	12:40 Al	Ca	Fe	Mg	Ag Na
CCB		1	12:46 Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	12:51				
ZZZZZZ		1	12:57				
ZZZZZZ		1	13:03				
ZZZZZZ		1	13:09				
ZZZZZZ		1	13:15				
ZZZZZZ		1	13:21				
ZZZZZZ		1	13:27				
ZZZZZZ		1	13:33				
ZZZZZZ		1	13:41				
ZZZZZZ		5	13:47				
CCV		1	13:53 Al	Ca	Fe	Mg	Ag Na
CCB		1	13:59 Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	14:05				
ZZZZZZ		1	14:11				
ZZZZZZ		1	14:17				
ZZZZZZ		1	14:23				
ZZZZZZ		1	14:29				
ZZZZZZ		1	14:34				
ZZZZZZ		1	14:40				
ZZZZZZ		1	14:46				
ZZZZZZ		1	14:52				
ZZZZZZ		1	14:58				
CCV		1	15:04 Al	Ca	Fe	Mg	Ag Na
CCB		1	15:10 Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	15:16				
ZZZZZZ		1	15:22				
ZZZZZZ		1	15:28				
ZZZZZZ		1	15:33				
ZZZZZZ		1	15:39				
ZZZZZZ		1	15:45				
ZZZZZZ		5	15:51				
CRI		1	15:57 Al	Ca	Fe	Mg	Ag Na
ICSA		1	16:03 Al	Ca	Fe	Mg	Ag Na
ICSAB		1	16:09 Al	Ca	Fe	Mg	Ag Na
CCV		1	16:15 Al	Ca	Fe	Mg	Ag Na
CCV		1	16:22 Al	Ca	Fe	Mg	Ag Na

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BWA03A

Date: 1/3/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
CCB		1	16:28	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	16:34					
ZZZZZZ		1	16:40					
ZZZZZZ		1	16:45					
ZZZZZZ		1	16:51					
ZZZZZZ		1	16:57					
ZZZZZZ		1	17:03					
ZZZZZZ		1	17:09					
LCSWVL22ICW1		1	17:15					Ag
PBWVL22ICW1		1	17:21					Ag
WV6662-001	3221GW0401	1	17:27					Ag
CCV		1	17:33	Al	Ca	Fe	Mg	Ag Na
CCB		1	17:39	Al	Ca	Fe	Mg	Ag Na
WV6662-002	3221GW0501	1	17:44					Ag Na
WV6662-003	3221GW0801	1	17:50					Ag Na
WV6662-004	3221GW0701	1	17:56					Ag Na
ZZZZZZ		5	18:02					
WV6662-004P	3221GW0701P	1	18:08					Ag Na
WV6662-004S	3221GW0701S	1	18:14					Ag Na
WV6662-006	3221GW0901	1	18:20					Ag Na
WV6662-007	3221GW1001	1	18:26					Ag Na
WV6662-008	3221GW1001D	1	18:32					Ag Na
WV6687-001	44GW1401	1	18:38					Ag Na
CCV		1	18:44	Al	Ca	Fe	Mg	Ag Na
CCB		1	18:49	Al	Ca	Fe	Mg	Ag Na
WV6687-002	44GW1101	1	18:55					Ag Na
WV6687-003	44GW1001	1	19:01					Ag Na
WV6687-004	44GW0901	1	19:07					Ag Na
WV6687-004L	44GW0901L	5	19:13					Ag
WV6687-005	44GW1901	1	19:19					Ag Na
WV6687-007	44GW1801	1	19:25					Ag Na
WV6687-008	44GW1301	1	19:31					Ag Na
CRI		1	19:37	Al	Ca	Fe	Mg	Ag Na
ICSA		1	19:43	Al	Ca	Fe	Mg	Ag Na
ICSAB		1	19:49	Al	Ca	Fe	Mg	Ag Na
CCV		1	19:54	Al	Ca	Fe	Mg	Ag Na
CCB		1	20:00	Al	Ca	Fe	Mg	Ag Na
WV6687-009	44GW1501	1	20:06					Ag
WV6687-010	44GW1201	1	20:12					Ag
WV6687-011	3221GW0601	1	20:18					Ag
WV6687-012	44GW1501D	1	20:24					Ag
ZZZZZZ		1	20:30					
ZZZZZZ		1	20:36					
ZZZZZZ		1	20:42					
ZZZZZZ		1	20:48					
ZZZZZZ		5	20:54					
ZZZZZZ		1	21:00					
CCV		1	21:05	Al	Ca	Fe	Mg	Ag Na
CCB		1	21:11	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	21:17					
ZZZZZZ		1	21:23					

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BWA03A

Date: 1/3/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
ZZZZZZ		1	21:29				
ZZZZZZ		1	21:35				
ZZZZZZ		1	21:41				
ZZZZZZ		1	21:47				
ZZZZZZ		1	21:53				
ZZZZZZ		1	21:59				
ZZZZZZ		1	22:05				
ZZZZZZ		1	22:11				
CCV		1	22:16 Al	Ca	Fe	Mg	Ag Na
CCB		1	22:22 Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	22:28				
ZZZZZZ		1	22:34				
ZZZZZZ		1	22:40				
ZZZZZZ		1	22:46				
ZZZZZZ		1	22:52				
ZZZZZZ		1	22:58				
ZZZZZZ		1	23:04				
CRI		1	23:10 Al	Ca	Fe	Mg	Ag Na
ICSA		1	23:16 Al	Ca	Fe	Mg	Ag Na
ICSAB		1	23:22 Al	Ca	Fe	Mg	Ag Na
CCV		1	23:27 Al	Ca	Fe	Mg	Ag Na
CCB		1	23:33 Al	Ca	Fe	Mg	Ag Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BWA04A

Date: 1/4/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
S0		1	9:58 Al	Ca	Fe	Mg	Na
S1		1	10:04 Al	Ca	Fe	Mg	Na
AL IEC		1	10:10 Al	Ca	Fe	Mg	Na
FE IEC		1	10:18 Al	Ca	Fe	Mg	Na
ICV		1	10:27 Al	Ca	Fe	Mg	Na
ICB		1	10:33 Al	Ca	Fe	Mg	Na
PQL		1	10:39 Al	Ca	Fe	Mg	Na
0.1 PPM CA,MG		1	10:45 Al	Ca	Fe	Mg	Na
CRI		1	10:51 Al	Ca	Fe	Mg	Na
ICSA		1	11:09 Al	Ca	Fe	Mg	Na
ICSAB		1	11:15 Al	Ca	Fe	Mg	Na
CCV		1	11:21 Al	Ca	Fe	Mg	Na
CCB		1	11:27 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	11:33				
ZZZZZZ		1	11:39				
ZZZZZZ		3	11:45				
ZZZZZZ		1	11:51				
ZZZZZZ		1	11:56				
ZZZZZZ		1	12:02				
ZZZZZZ		1	12:08				
ZZZZZZ		1	12:14				
ZZZZZZ		1	12:20				
ZZZZZZ		1	12:26				
CCV		1	12:32 Al	Ca	Fe	Mg	Na
CCB		1	12:38 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	12:44				
ZZZZZZ		1	12:50				
ZZZZZZ		1	12:55				
ZZZZZZ		1	13:01				
ZZZZZZ		1	13:07				
ZZZZZZ		1	13:13				
ZZZZZZ		5	13:19				
ZZZZZZ		1	13:25				
ZZZZZZ		1	13:31				
ZZZZZZ		1	13:37				
CCV		1	13:43 Al	Ca	Fe	Mg	Na
CCB		1	13:49 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	13:55				
ZZZZZZ		1	14:00				
ZZZZZZ		1	14:06				
ZZZZZZ		1	14:12				
LCSWVL22ICW1		1	14:18				Na
PBWVL22ICW1		1	14:24				Na
WV6662-001	3221GW0401	1	14:30				Na
CRI		1	14:36 Al	Ca	Fe	Mg	Na
ICSA		1	14:42 Al	Ca	Fe	Mg	Na
ICSAB		1	14:48 Al	Ca	Fe	Mg	Na
CCV		1	14:56 Al	Ca	Fe	Mg	Na
CCB		1	15:02 Al	Ca	Fe	Mg	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	11:59	Al	Ca	Fe	Mg	Ag Na
S1		1	12:05	Al	Ca	Fe	Mg	Ag Na
AL IEC		1	12:10	Al	Ca	Fe	Mg	Ag Na
FE IEC		1	12:19	Al	Ca	Fe	Mg	Ag Na
ICV		1	12:28	Al	Ca	Fe	Mg	Ag Na
ICB		1	12:34	Al	Ca	Fe	Mg	Ag Na
PQL		1	12:40	Al	Ca	Fe	Mg	Ag Na
0.1 PPM CA,MG		1	12:45	Al	Ca	Fe	Mg	Ag Na
CRI		1	12:51	Al	Ca	Fe	Mg	Ag Na
ICSA		1	12:57	Al	Ca	Fe	Mg	Ag Na
ICSAB		1	13:03	Al	Ca	Fe	Mg	Ag Na
CCV		1	13:09	Al	Ca	Fe	Mg	Ag Na
CCB		1	13:19	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		5	13:25					
ZZZZZZ		1	13:30					
ZZZZZZ		1	13:36					
ZZZZZZ		1	13:42					
ZZZZZZ		1	13:48					
WV6687-009	44GW1501	1	13:54					Na
WV6687-010	44GW1201	1	14:00					Na
WV6687-011	3221GW0601	1	14:06					Na
WV6687-012	44GW1501D	1	14:12					Na
CCV		1	14:18	Al	Ca	Fe	Mg	Ag Na
CCB		1	14:24	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	14:29					
ZZZZZZ		1	14:35					
ZZZZZZ		1	14:41					
ZZZZZZ		1	14:47					
ZZZZZZ		1	14:53					
ZZZZZZ		1	14:59					
ZZZZZZ		1	15:05					
CRI		1	15:11	Al	Ca	Fe	Mg	Ag Na
ICSA		1	15:17	Al	Ca	Fe	Mg	Ag Na
ICSAB		1	15:23	Al	Ca	Fe	Mg	Ag Na
CCV		1	15:29	Al	Ca	Fe	Mg	Ag Na
CCB		1	15:34	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	15:40					
ZZZZZZ		1	15:46					
ZZZZZZ		5	15:52					
ZZZZZZ		1	15:58					
ZZZZZZ		1	16:04					
ZZZZZZ		1	16:10					
ZZZZZZ		1	16:16					
ZZZZZZ		1	16:22					
ZZZZZZ		1	16:28					
CCV		1	16:34	Al	Ca	Fe	Mg	Ag Na
CCB		1	16:39	Al	Ca	Fe	Mg	Ag Na
ZZZZZZ		1	16:45					
ZZZZZZ		1	16:51					
ZZZZZZ		1	16:57					

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	15:54	Hg
Standard #1 (0.2 p		1	15:56	Hg
Standard #2 (0.5 p		1	15:58	Hg
Standard #3 (1.0 p		1	16:00	Hg
Standard #4 (5.0 p		1	16:02	Hg
Standard #5 (10.0		1	16:04	Hg
ICV		1	16:07	HG
ICB		1	16:09	HG
CRA		1	16:11	HG
ZZZZZZ		1	16:13	
ZZZZZZ		1	16:15	
ZZZZZZ		1	16:17	
ZZZZZZ		1	16:19	
ZZZZZZ		1	16:21	
ZZZZZZ		1	16:23	
ZZZZZZ		1	16:26	
ZZZZZZ		1	16:28	
ZZZZZZ		1	16:30	
CCV		1	16:32	HG
CCB		1	16:34	HG
ZZZZZZ		1	16:36	
ZZZZZZ		1	16:38	
ZZZZZZ		1	16:40	
ZZZZZZ		1	16:43	
ZZZZZZ		1	16:45	
ZZZZZZ		1	16:47	
ZZZZZZ		1	16:49	
ZZZZZZ		1	16:51	
ZZZZZZ		1	16:53	
ZZZZZZ		1	16:55	
CCV		1	16:57	HG
CCB		1	17:00	HG
ZZZZZZ		1	17:02	
ZZZZZZ		1	17:04	
ZZZZZZ		1	17:06	
ZZZZZZ		1	17:08	
ZZZZZZ		1	17:10	
LCSWWA03HGW1		1	17:12	HG
PBWWA03HGW1		1	17:15	HG
ZZZZZZ		1	17:17	
ZZZZZZ		1	17:19	
ZZZZZZ		1	17:21	
CCV		1	17:23	HG
CCB		1	17:25	HG
WV6662-001	3221GW0401	1	17:27	HG
WV6662-002	3221GW0501	1	17:30	HG
WV6662-003	3221GW0801	1	17:32	HG
WV6662-004	3221GW0701	1	17:34	HG
WV6662-006	3221GW0901	1	17:36	HG
WV6662-007	3221GW1001	1	17:38	HG

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
WV6662-008	3221GW1001D	1	17:40	HG
ZZZZZZ		1	17:42	
ZZZZZZ		1	17:45	
ZZZZZZ		1	17:47	
CCV		1	17:49	HG
CCB		1	17:51	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-3

Instrument ID: CETAC M6100 **File Name:** HWA04A

Date: 1/4/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	9:48	Hg
Standard #1 (0.2 p		1	9:50	Hg
Standard #2 (0.5 p		1	9:52	Hg
Standard #3 (1.0 p		1	9:54	Hg
Standard #4 (5.0 p		1	9:56	Hg
Standard #5 (10.0		1	9:59	Hg
ICV		1	10:01	HG
ICB		1	10:03	HG
CRA		1	10:05	HG
LCSWWA03HGW2		1	10:07	HG
PBWWA03HGW2		1	10:09	HG
WV6687-001	44GW1401	1	10:11	HG
WV6687-002	44GW1101	1	10:13	HG
WV6687-003	44GW1001	1	10:15	HG
WV6687-004	44GW0901	1	10:18	HG
WV6687-004S	44GW0901S	1	10:20	HG
WV6687-004P	44GW0901P	1	10:22	HG
WV6687-005	44GW1901	1	10:24	HG
CCV		1	10:26	HG
CCB		1	10:28	HG
WV6687-007	44GW1801	1	10:30	HG
WV6687-008	44GW1301	1	10:32	HG
WV6687-009	44GW1501	1	10:35	HG
WV6687-010	44GW1201	1	10:37	HG
WV6687-011	3221GW0601	1	10:39	HG
WV6687-012	44GW1501D	1	10:41	HG
ZZZZZZ		1	10:43	
ZZZZZZ		1	10:45	
ZZZZZZ		1	10:47	
ZZZZZZ		1	10:50	
CCV		1	10:52	HG
CCB		1	10:54	HG
ZZZZZZ		1	10:56	
CCV		1	10:58	HG
CCB		1	11:00	HG

NAS PENSACOLA
WATER DATA
CTO367-3

FRACTION	CHEMICAL	3221GW1001	UNITS	3221GW1001D	RPD	D
M	CALCIUM	39400	UG/L	38500	2.31	900.00
M	MAGNESIUM	2620	UG/L	2540	3.10	80.00
M	SODIUM	12900	UG/L	12300	4.76	600.00

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.

NAS PENSACOLA
WATER DATA
CTO367-3

FRACTION	CHEMICAL	44GW1501	UNITS	44GW1501D	RPD	D
M	ALUMINUM	960	UG/L	ND	NC	~~NC~~ 960
M	CALCIUM	28800	UG/L	28200	2.11	600.00
M	CHROMIUM	6.6	UG/L	ND	NC	~~NC~~ 6.6
M	IRON	258	UG/L	152	51.71	~~NC~~ 106.00
M	LEAD	1.6	UG/L	ND	NC	~~NC~~ 1.6
M	MAGNESIUM	1790	UG/L	1780	0.56	10.00
M	MANGANESE	1.3	UG/L	ND	NC	~~NC~~ 1.3
M	SODIUM	17200	UG/L	17500	1.73	300.00

(810 ug/L)
OK- Al result in 44GW1501D was qualified "U" as a result of laboratory blank contamination.
ELF 2/1/06

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	32426	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.3292875	--	--	--	--	--	--
#1	32501	--	--	--	--	--	--
#2	32350	--	--	--	--	--	--

Method: NONAK Sample Name: WV6662-002 Operator:
Run Time: 01/06/06 00:00:59 3221GW0501 QuF 2/1/06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.87458	.00218	.00993	.00122	.01625	-.00047	22.954
SDev	.01082	.00026	.00003	.00005	.00046	.00004	.043
%RSD	1.2374	12.147	.27175	4.0092	2.8466	7.9820	.18591
#1	.88223	.00199	.00991	.00119	.01658	-.00045	22.984
#2	.86693	.00237	.00994	.00125	.01592	-.00050	22.923

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01736	.00009	-.00452	.69896	1.8893	.00890	.00042
SDev	.00010	.00007	.00007	.00708	.0047	.00007	.00029
%RSD	.59682	78.514	1.6222	1.0132	.24872	.76576	69.303
#1	.01744	.00015	-.00457	.69396	1.8926	.00895	.00022
#2	.01729	.00004	-.00447	.70397	1.8860	.00885	.00063

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00538	.00013	.07477	-.00176	-.00158	.01051	.00197
SDev	.00069	.00017	.00020	.00270	.00079	.00015	.00000
%RSD	12.749	126.60	.26220	153.63	50.114	1.4166	.17122
#1	.00586	.00026	.07490	.00015	-.00213	.01061	.00197
#2	.00489	.00001	.07463	-.00367	-.00102	.01040	.00196

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.00543	.00000	.00297	-.00095	.00067	-.00176	.00323
SDev	.00005	.00138	.00217	.00306	.00093	.00412	.00147
%RSD	.83066	41593.	73.087	321.57	139.12	234.19	45.409
#1	.00540	-.00097	.00451	.00121	.00133	.00115	.00427
#2	.00546	.00098	.00144	-.00311	.00001	-.00467	.00219

Elem	2203/2	1960/1	1960/2
Units			
Avge	-.00161	-.00058	.00475
SDev	.00280	.00157	.00248
%RSD	174.29	272.16	52.189
#1	-.00359	.00053	.00650

Cr = 0.01736 mg/L x 1000 ug/1mg = 17.4 ug/L

Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	32426	--	--	--	--	--	--
SDev	106.7731	--	--	--	--	--	--
%RSD	.3292875	--	--	--	--	--	--
#1	32501	--	--	--	--	--	--
#2	32350	--	--	--	--	--	--

Method: NONAK Sample Name: WV6662-002 Operator:
Run Time: 01/06/06 00:00:59 3221GW0501 QuF 2/1/06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.87458	.00218	.00993	.00122	.01625	-.00047	22.954
SDev	.01082	.00026	.00003	.00005	.00046	.00004	.043
%RSD	1.2374	12.147	.27175	4.0092	2.8466	7.9820	.18591
#1	.88223	.00199	.00991	.00119	.01658	-.00045	22.984
#2	.86693	.00237	.00994	.00125	.01592	-.00050	22.923

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01736	.00009	-.00452	.69896	1.8893	.00890	.00042
SDev	.00010	.00007	.00007	.00708	.0047	.00007	.00029
%RSD	.59682	78.514	1.6222	1.0132	.24872	.76576	69.303
#1	.01744	.00015	-.00457	.69396	1.8926	.00895	.00022
#2	.01729	.00004	-.00447	.70397	1.8860	.00885	.00063

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00538	.00013	.07477	-.00176	-.00158	.01051	.00197
SDev	.00069	.00017	.00020	.00270	.00079	.00015	.00000
%RSD	12.749	126.60	.26220	153.63	50.114	1.4166	.17122
#1	.00586	.00026	.07490	.00015	-.00213	.01061	.00197
#2	.00489	.00001	.07463	-.00367	-.00102	.01040	.00196

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.00543	.00000	.00297	-.00095	.00067	-.00176	.00323
SDev	.00005	.00138	.00217	.00306	.00093	.00412	.00147
%RSD	.83066	41593.	73.087	321.57	139.12	234.19	45.409
#1	.00540	-.00097	.00451	.00121	.00133	.00115	.00427
#2	.00546	.00098	.00144	-.00311	.00001	-.00467	.00219

Elem	2203/2	1960/1	1960/2
Units			
Avge	-.00161	-.00058	.00475
SDev	.00280	.00157	.00248
%RSD	174.29	272.16	52.189
#1	-.00359	.00053	.00650

Cr = 0.01736 mg/L x 1000 ug/1mg = 17.4 ug/L

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **FEBRUARY 13, 2006**

FROM: **ETHAN G. LEE** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – CTO367-4

SAMPLES: 19/AQUEOUS/

3221GW0101	3221GW0201	3221GW0301
44RB1214	46GW0101	46GW0201
46GW0301	46GW0701	46GW0801
46GW0901	46GW1001	46GW1101
46GW1201	46GW1301	46GW1401
46GW1401D	46GW1501	46GW1601
46RB1217		

Overview

The sample set for NAS Pensacola, CTO 367, SDG CTO367-4, consists of seventeen (17) aqueous environmental samples and two (2) rinse blanks. One (1) field duplicate pair (46GW1401D / 46GW1401) is included in this SDG.

All samples were analyzed for target analyte list (TAL) metals. The samples were collected by Tetra Tech NUS on December 14, 17, and 18, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A.

Metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodologies. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
• Calibration Analyses
• Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Matrix Spike Analyses
* • Laboratory Duplicate Precision
* • Laboratory Control Sample Analyses
• ICP Serial Dilution Analyses
* • Field Duplicate Precision
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Calibration Analyses

The contract required detection limit (CRDL) run on 1/4/06 at 14:01 had a percent recovery (%R) >130% for mercury. The positive result reported for mercury <2X the CRDL in sample 46RB1217 was qualified as estimated (J).

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	145.06 ug/L	725.30 ug/L
Barium	1.82 ug/L	9.1 ug/L
Beryllium	0.67 ug/L	3.35 ug/L
Calcium	92.99 ug/L	464.95 ug/L
Cobalt	3.81 ug/L	19.05 ug/L
Copper	4.03 ug/L	20.15 ug/L
Iron	36.69 ug/L	183.45 ug/L
Magnesium	66.15 ug/L	330.75 ug/L
Manganese	1.72 ug/L	8.60 ug/L
Mercury	0.13 ug/L	0.65 ug/L
Potassium	750.31 ug/L	3751.55 ug/L
Sodium	305.6 ug/L	1528 ug/L
Vanadium	6.55 ug/L	32.75 ug/L
Zinc	12.33 ug/L	61.65 ug/L

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results reported less than the action level for aluminum, barium, beryllium, cobalt, copper, iron, manganese, mercury, potassium, vanadium, and zinc were qualified as nondetected (U) due to laboratory blank contamination. The remaining analytes were not qualified because the results were greater than the action level. It should be noted that the rinse blanks were not qualified for laboratory blank contamination.

ICP Serial Dilution

The ICP serial dilution had a percent difference (%D) >10% and an initial sample concentration >50X the instrument detection limit (IDL) for aluminum. Positive results reported for aluminum were qualified as estimated (J).

Notes

The continuing calibration verification (CCV) standard run on 1/5/06 at 21:17 had a %R >110% for zinc. No qualification action was required because no samples were associated with this standard.

The CCV standard run on 1/6/06 at 17:21 had a %R >110% for calcium. No qualification action was required because no samples that were associated with this standard were analyzed for calcium.

The matrix spike had %Rs >125% for calcium and sodium. No qualification action was required because the initial sample concentration was >4X the spike added.

Executive Summary

Laboratory Performance: Mercury was qualified due to calibration noncompliance. Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: Aluminum was qualified due to ICP serial dilution noncompliance.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	3221GW0101	nsample	3221GW0201	nsample	3221GW0301
samp_date	12/14/2005	samp_date	12/14/2005	samp_date	12/14/2005
lab_id	WV6688-004	lab_id	WV6688-001	lab_id	WV6688-003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	466	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	7.5	U	A
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	25200		
CHROMIUM	1.6		
COBALT	3.05	U	
COPPER	2.86	U	
IRON	384		
LEAD	1.65	U	
MAGNESIUM	2020		
MANGANESE	2.2	U	A
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	420	U	
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	11900		
THALLIUM	6.13	U	
VANADIUM	5.4	U	A
ZINC	4.6	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	711	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	5.5	U	A
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	22800		
CHROMIUM	24.1		
COBALT	3.05	U	
COPPER	2.86	U	
IRON	710		
LEAD	1.65	U	
MAGNESIUM	1830		
MANGANESE	3.9	U	A
MERCURY	0.02	U	
NICKEL	18.2		
POTASSIUM	420	U	
SELENIUM	3.6		
SILVER	4.4	U	
SODIUM	11100		
THALLIUM	6.13	U	
VANADIUM	5.4	U	A
ZINC	2.7	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2720	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	9.5		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	24700		
CHROMIUM	8.3		
COBALT	3.05	U	
COPPER	12.1	U	A
IRON	1670		
LEAD	3.8		
MAGNESIUM	1670		
MANGANESE	74.2		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	845	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	12100		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	17.7	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	44RB1214	nsample	46GW0101	nsample	46GW0201
samp_date	12/14/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6688-002	lab_id	WV6766-001	lab_id	WV6766-002
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	13.5	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	1.17	U	
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	155		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	3.79	U	
LEAD	2.2		
MAGNESIUM	76.2		
MANGANESE	0.7	U	
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	434		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	5260		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	1.74	U	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	432	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	16.7		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	8280		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	128	U	A
LEAD	5.7		
MAGNESIUM	3160		
MANGANESE	1.9	U	A
MERCURY	0.08	U	A
NICKEL	11.7	U	
POTASSIUM	1960	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	27800		
THALLIUM	6.13	U	
VANADIUM	16.7	U	A
ZINC	13.7	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2430	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	8.9	U	A
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	4250		
CHROMIUM	15.5		
COBALT	3.05	U	
COPPER	14.1	U	A
IRON	2500		
LEAD	1.9		
MAGNESIUM	5230		
MANGANESE	15.3		
MERCURY	0.08	U	A
NICKEL	11.7	U	
POTASSIUM	11700		
SELENIUM	3.59	U	
SILVER	4.5		
SODIUM	208000		
THALLIUM	6.13	U	
VANADIUM	11.5	U	A
ZINC	13.9	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	46GW0301	nsample	46GW0701	nsample	46GW0801
samp_date	12/18/2005	samp_date	12/18/2005	samp_date	12/18/2005
lab_id	WV6766-005	lab_id	WV6766-004	lab_id	WV6766-003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	313	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	30.6		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	12500		
CHROMIUM	1.3		
COBALT	3.05	U	
COPPER	4.7	U	A
IRON	121	U	A
LEAD	2.3		
MAGNESIUM	7420		
MANGANESE	0.89	U	A
MERCURY	0.1	U	A
NICKEL	11.7	U	
POTASSIUM	3580	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	44600		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	80.6		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	32	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	140		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	51000		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	11.7	U	A
IRON	41.2	U	A
LEAD	2.3		
MAGNESIUM	19800		
MANGANESE	34.3		
MERCURY	0.1	U	A
NICKEL	11.7	U	
POTASSIUM	14200		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	166000		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	164		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	525	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	5.7	U	A
BERYLLIUM	0.32	U	A
CADMIUM	4.36	U	
CALCIUM	13100		
CHROMIUM	16.5		
COBALT	3.05	U	
COPPER	17.8	U	A
IRON	916		
LEAD	2.6		
MAGNESIUM	13600		
MANGANESE	38.8		
MERCURY	0.06	U	A
NICKEL	11.7	U	
POTASSIUM	12700		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	149000		
THALLIUM	6.13	U	
VANADIUM	31.5	U	A
ZINC	5.2	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	46GW0901
samp_date	12/17/2005
lab_id	WV6701-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	49.3	U	A
ANTIMONY	4.11	U	
ARSENIC	7.5		
BARIUM	124		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	53100		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	3.6	U	A
IRON	35.7	U	A
LEAD	1.65	U	
MAGNESIUM	24100		
MANGANESE	44.1		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	11500		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	107000		
THALLIUM	6.13	U	
VANADIUM	7.8	U	A
ZINC	12.4	U	A

nsample	46GW1001
samp_date	12/17/2005
lab_id	WV6701-004
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4670	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	9.2		
BERYLLIUM	0.67	U	A
CADMIUM	4.36	U	
CALCIUM	8380		
CHROMIUM	52.3		
COBALT	3.05	U	
COPPER	17.9	U	A
IRON	1170		
LEAD	2.2		
MAGNESIUM	12400		
MANGANESE	9.3		
MERCURY	0.21	U	A
NICKEL	11.7	U	
POTASSIUM	19200		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	296000		
THALLIUM	6.13	U	
VANADIUM	72.5		
ZINC	19.4	U	A

nsample	46GW1101
samp_date	12/17/2005
lab_id	WV6701-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	21.4	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	110		
BERYLLIUM	0.34	U	A
CADMIUM	4.36	U	
CALCIUM	111000		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	77.4	U	A
LEAD	1.65	U	
MAGNESIUM	44300		
MANGANESE	50.5		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	16700		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	395000		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	4.6	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	46GW1201
samp_date	12/17/2005
lab_id	WV6701-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	7200	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	50.3		
BERYLLIUM	0.74	U	A
CADMIUM	4.36	U	
CALCIUM	11600		
CHROMIUM	22.6		
COBALT	3.05	U	
COPPER	9.5	U	A
IRON	1920		
LEAD	1.8		
MAGNESIUM	14900		
MANGANESE	35		
MERCURY	0.3	U	A
NICKEL	11.7	U	
POTASSIUM	15100		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	192000		
THALLIUM	6.13	U	
VANADIUM	67		
ZINC	9.8	U	A

nsample	46GW1301
samp_date	12/17/2005
lab_id	WV6701-007
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	40.6	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	125		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	125000		
CHROMIUM	6.9		
COBALT	3.05	U	
COPPER	2.86	U	
IRON	40.6	U	A
LEAD	1.65	U	
MAGNESIUM	25700		
MANGANESE	50		
MERCURY	0.04	U	A
NICKEL	11.7	U	
POTASSIUM	14600		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	312000		
THALLIUM	6.13	U	
VANADIUM	7.8	U	A
ZINC	2.9	U	A

nsample	46GW1401
samp_date	12/17/2005
lab_id	WV6701-008
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	589	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	33		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	18400		
CHROMIUM	26.4		
COBALT	3.05	U	
COPPER	10.5	U	A
IRON	7770		
LEAD	1.65	U	
MAGNESIUM	11300		
MANGANESE	70.6		
MERCURY	0.07	U	A
NICKEL	17.8		
POTASSIUM	18100		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	237000		
THALLIUM	6.13	U	
VANADIUM	12.5	U	A
ZINC	10.8	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	46GW1401D	nsample	46GW1501	nsample	46GW1601
samp_date	12/17/2005	samp_date	12/17/2005	samp_date	12/17/2005
lab_id	WV6701-009	lab_id	WV6701-010	lab_id	WV6701-011
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	46GW1401	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	576	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	32.6		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	17400		
CHROMIUM	10		
COBALT	3.05	U	
COPPER	10.4	U	A
IRON	7020		
LEAD	1.65	U	
MAGNESIUM	11100		
MANGANESE	63		
MERCURY	0.07	U	A
NICKEL	11.7	U	
POTASSIUM	18100		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	235000		
THALLIUM	6.13	U	
VANADIUM	14.7	U	A
ZINC	6.8	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	251	U	A
ANTIMONY	4.11	U	
ARSENIC	4.3		
BARIUM	119		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	58600		
CHROMIUM	1.4		
COBALT	3.05	U	
COPPER	5.3	U	A
IRON	570		
LEAD	7		
MAGNESIUM	34800		
MANGANESE	25.8		
MERCURY	0.08	U	A
NICKEL	11.7	U	
POTASSIUM	18600		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	332000		
THALLIUM	6.13	U	
VANADIUM	8.9	U	A
ZINC	17.7	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	16600	J	I
ANTIMONY	4.11	U	
ARSENIC	8.1		
BARIUM	31.4		
BERYLLIUM	1.7	U	A
CADMIUM	4.36	U	
CALCIUM	12300		
CHROMIUM	244		
COBALT	4.3	U	A
COPPER	20.2		
IRON	6510		
LEAD	3.9		
MAGNESIUM	11400		
MANGANESE	61.9		
MERCURY	0.19	U	A
NICKEL	31.3		
POTASSIUM	21600		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	300000		
THALLIUM	6.13	U	
VANADIUM	377		
ZINC	19.4	U	A

PROJ_NO: 00007

SDG: CTO367-4 MEDIA: WATER DATA FRACTION: M

nsample	46RB1217
samp_date	12/17/2005
lab_id	WV6701-005
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	21.3	J	I
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	1.17	U	
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	144		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	3.79	U	
LEAD	1.65	U	
MAGNESIUM	61		
MANGANESE	0.7	U	
MERCURY	0.04	J	C
NICKEL	11.7	U	
POTASSIUM	420	U	
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	5270		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	2		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0101

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6688-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	466		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	7.5			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	25200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.6	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	384			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2020			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	2.2	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	11900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	5.4	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	4.6	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0201

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6688-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	711		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.5			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	22800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	24.1			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	710			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1830			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	3.9	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	18.2	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.6	I		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	11100			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	5.4	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.7	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 3221GW0301

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6688-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2720		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	9.5			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	24700			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	8.3	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	12.1	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1670			P	1	100	3.79
7439-92-1	LEAD, TOTAL	3.8	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	1670			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	74.2			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	845	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	12100			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	17.7	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 44RB1214

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6688-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	13.5	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	1.17	U		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	155			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	3.79	U		P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.2	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	76.2			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	434	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	5260			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	1.74	U	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0101

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	432		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	16.7			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	8280			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	128			P	1	100	3.79
7439-92-1	LEAD, TOTAL	5.7			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3160			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.9	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1960	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	27800			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	16.7	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	13.7	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0201

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2430		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	8.9			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	4250			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	15.5			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	14.1	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	2500			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.9	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	5230			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	15.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	11700			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.5	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	208000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	11.5	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	13.9	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0301

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	313		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	30.6			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	12500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.3	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	4.7	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	121			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.3	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	7420			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.89	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	3580			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	44600			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	80.6		J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0701

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	32.0	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	140			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	51000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	11.7	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	41.2	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.3	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	19800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	34.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	14200			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	166000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	164		J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0801

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	525		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	5.7			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.32	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	13100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	16.5			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	17.8	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	916			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.6	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	13600			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	38.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	12700			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	149000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	31.5			P	1	25	4.88
7440-66-6	ZINC, TOTAL	5.2	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0901

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	49.3	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	7.5	I		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	124			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	53100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	3.6	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	35.7	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	24100			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	44.1			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	11500			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	107000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.8	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	12.4	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1001

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4670		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	9.2			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.67	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	8380			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	52.3			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	17.9	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1170			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.2	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	12400			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	9.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.21			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	19200			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	296000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	72.5			P	1	25	4.88
7440-66-6	ZINC, TOTAL	19.4	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1101

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	21.4	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	110			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.34	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	111000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	77.4	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	44300			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	50.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	16700			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	395000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	4.6	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1201

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	7200		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	50.3			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.74	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	11600			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	22.6			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	9.5	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1920			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.8	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	14900			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	35.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.30			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	15100			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	192000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	67.0			P	1	25	4.88
7440-66-6	ZINC, TOTAL	9.8	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1301

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	40.6	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	125			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	125000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.9	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	40.6	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	25700			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	50.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	14600			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	312000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.8	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.9	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1401

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	589		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	33.0			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	18400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	26.4			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.5	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	7770			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11300			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	70.6			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	17.8	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	18100			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	237000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	12.5	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	10.8	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1401D

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	576		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	32.6			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	17400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	10.0	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.4	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	7020			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11100			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	63.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	18100			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	235000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	14.7	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.8	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1501

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	251	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	4.3	I		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	119			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	58600			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.4	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	5.3	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	570			P	1	100	3.79
7439-92-1	LEAD, TOTAL	7.0			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	34800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	25.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	18600			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	332000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	8.9	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	17.7	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1601

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	16600		J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	8.1			P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	31.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	1.7	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	12300			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	244			P	1	15	1.01
7440-48-4	COBALT, TOTAL	4.3	I		P	1	30	3.05
7440-50-8	COPPER, TOTAL	20.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	6510			P	1	100	3.79
7439-92-1	LEAD, TOTAL	3.9	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11400			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	61.9			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.19	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	31.3	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	21600			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	300000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	377			P	1	25	4.88
7440-66-6	ZINC, TOTAL	19.4	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46RB1217

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6701-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	21.3	I	J	P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	1.17	U		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	144			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	3.79	U		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	61.0			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	5270			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	2.0	I	J	P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG CTO367-4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	46GW0201	WV6766-002	NM	12/18/2005	1/4/2006	1/4/2006	17	0	17
HG	UG/L	3221GW0101	WV6688-004	NM	12/14/2005	1/3/2006	1/3/2006	20	0	20
HG	UG/L	3221GW0201	WV6688-001	NM	12/14/2005	1/3/2006	1/3/2006	20	0	20
HG	UG/L	3221GW0301	WV6688-003	NM	12/14/2005	1/3/2006	1/3/2006	20	0	20
HG	UG/L	46RB1217	WV6701-005	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW0101	WV6766-001	NM	12/18/2005	1/4/2006	1/4/2006	17	0	17
HG	UG/L	46GW0301	WV6766-005	NM	12/18/2005	1/4/2006	1/4/2006	17	0	17
HG	UG/L	46GW0701	WV6766-004	NM	12/18/2005	1/4/2006	1/4/2006	17	0	17
HG	UG/L	46GW0801	WV6766-003	NM	12/18/2005	1/4/2006	1/4/2006	17	0	17
HG	UG/L	46GW1601	WV6701-011	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1001	WV6701-004	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1101	WV6701-001	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1201	WV6701-002	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1301	WV6701-007	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1401	WV6701-008	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	46GW1401D	WV6701-009	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW1501	WV6701-010	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	46GW0901	WV6701-003	NM	12/17/2005	1/4/2006	1/4/2006	18	0	18
HG	UG/L	44RB1214	WV6688-002	NM	12/14/2005	1/3/2006	1/3/2006	20	0	20
M	UG/L	46GW0101	WV6766-001	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0101	WV6766-001	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	44RB1214	WV6688-002	NM	12/14/2005	12/30/2005	1/9/2006	16	10	26
M	UG/L	44RB1214	WV6688-002	NM	12/14/2005	12/30/2005	1/5/2006	16	6	22
M	UG/L	3221GW0301	WV6688-003	NM	12/14/2005	12/30/2005	1/9/2006	16	10	26
M	UG/L	3221GW0301	WV6688-003	NM	12/14/2005	12/30/2005	1/5/2006	16	6	22
M	UG/L	3221GW0201	WV6688-001	NM	12/14/2005	12/30/2005	1/9/2006	16	10	26
M	UG/L	3221GW0101	WV6688-004	NM	12/14/2005	12/30/2005	1/9/2006	16	10	26
M	UG/L	46GW0201	WV6766-002	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	3221GW0201	WV6688-001	NM	12/14/2005	12/30/2005	1/5/2006	16	6	22
M	UG/L	46GW1001	WV6701-004	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46RB1217	WV6701-005	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46RB1217	WV6701-005	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1601	WV6701-011	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW1601	WV6701-011	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1501	WV6701-010	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW1401D	WV6701-009	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW1401	WV6701-008	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW1401	WV6701-008	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1301	WV6701-007	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW1301	WV6701-007	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1201	WV6701-002	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW1201	WV6701-002	NM	12/17/2005	12/30/2005	1/5/2006	13	6	19
M	UG/L	46GW0201	WV6766-002	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	46GW1101	WV6701-001	NM	12/17/2005	12/30/2005	1/5/2006	13	6	19
M	UG/L	46GW0201	WV6766-002	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW1001	WV6701-004	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW0901	WV6701-003	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	46GW0901	WV6701-003	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW0801	WV6766-003	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	46GW0801	WV6766-003	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0801	WV6766-003	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0701	WV6766-004	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/10/2006	12	11	23
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/9/2006	12	10	22
M	UG/L	46GW0301	WV6766-005	NM	12/18/2005	12/30/2005	1/6/2006	12	7	19
M	UG/L	46GW1401D	WV6701-009	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
M	UG/L	46GW1101	WV6701-001	NM	12/17/2005	12/30/2005	1/9/2006	13	10	23
M	UG/L	3221GW0101	WV6688-004	NM	12/14/2005	12/30/2005	1/5/2006	16	6	22
M	UG/L	46GW1501	WV6701-010	NM	12/17/2005	12/30/2005	1/6/2006	13	7	20
OS	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/16/2006	4	25	29
OS	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	%	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	%	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	%	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/15/2006	2	30	32
OS	%	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	%	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/23/2006	6	34	40
OS	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31
OS	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/13/2006	6	24	30
OS	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/16/2006	4	25	29
OS	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/13/2006	6	24	30
OS	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	1/10/2006	4	19	23
OS	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
OS	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/9/2006	2	24	26
OS	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/20/2005	1/23/2006	6	34	40
OS	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/17/2006	5	26	31
OS	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/16/2005	1/15/2006	2	30	32
OS	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	1/9/2006	5	18	23
OS	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	1/16/2006	5	25	30
OS	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	1/10/2006	5	19	24
OS	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/16/2005	1/16/2006	2	31	33
EDB	%	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/4/2006	5	13	18
EDB	%	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	%	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	%	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	3221GW0101	WV6688-4	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	%	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	%	3221GW0201	WV6688-1	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	%	3221GW0301	WV6688-3	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	%	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	%	44RB1214	WV6688-2	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	%	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/22/2005	1/4/2006	5	13	18
EDB	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/22/2005	12/22/2005	8	0	8
EDB	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9
EDB	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/22/2005	12/23/2005	5	1	6
EDB	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/22/2005	12/23/2005	4	1	5
EDB	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/22/2005	12/23/2005	8	1	9

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46GW1001DL2	WV6701-4DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46GW0301	WV6766-5	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0901	WV6701-3	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW0801	WV6766-3	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0701	WV6766-4	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	%	46GW0201	WV6766-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	46GW0101	WV6766-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	44RB1214	WV6688-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0301	WV6688-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	3221GW0101	WV6688-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	46GW1301	WV6701-7	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	3221GW0201	WV6688-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	%	46TB1217	WV6701-6	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1201DL2	WV6701-2DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46RB1217	WV6701-5	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1601DL2	WV6701-11DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	%	46GW1501	WV6701-10	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1401D	WV6701-9	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46GW1401	WV6701-8	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	%	46GW1101	WV6701-1	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1201DL2	WV6701-2DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46GW1001DL2	WV6701-4DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1601DL2	WV6701-11DL2	NM	12/17/2005	12/29/2005	12/29/2005	12	0	12
OV	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46TB1217	WV6701-6	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/28/2005	12/28/2005	11	0	11
OV	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
OV	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/29/2005	12/29/2005	11	0	11
OV	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/23/2005	12/23/2005	9	0	9
PCB	%	46GW1001RERA	WV6701-4RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1001RA	WV6701-4RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/10/2006	4	20	24
PCB	%	46GW1201RA	WV6701-2RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	%	46GW1201RERA	WV6701-2RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1501RE	WV6701-10RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	%	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	%	3221GW0101RE	WV6688-4RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	3221GW0301RE	WV6688-3RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	%	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	%	46GW0101RE	WV6766-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0301RE	WV6766-5RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1001RA	WV6701-4RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	UG/L	46GW1001RERA	WV6701-4RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/10/2006	4	20	24
PCB	UG/L	46GW1201RA	WV6701-2RA	NM	12/17/2005	12/21/2005	1/21/2006	4	31	35
PCB	UG/L	46GW1201RERA	WV6701-2RERA	NM	12/17/2005	1/17/2006	1/21/2006	31	4	35
PCB	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1501RE	WV6701-10RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/20/2006	31	3	34
PCB	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
PCB	UG/L	3221GW0101RE	WV6688-4RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	3221GW0301RE	WV6688-3RE	NM	12/14/2005	1/17/2006	1/20/2006	34	3	37
PCB	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PCB	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0101RE	WV6766-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	46GW0301RE	WV6766-5RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/10/2006	3	24	27
PEST	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/19/2006	34	2	36
PEST	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	%	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	%	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1401DRE	WV6701-9RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	46GW0801RE	WV6766-3RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	46GW1401RE	WV6701-8RE	NM	12/17/2005	1/17/2006	1/19/2006	31	2	33
PEST	UG/L	3221GW0201RE	WV6688-1RE	NM	12/14/2005	1/17/2006	1/19/2006	34	2	36
PEST	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/17/2005	1/12/2006	3	26	29
PEST	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
PEST	UG/L	46GW0201RE	WV6766-2RE	NM	12/18/2005	1/17/2006	1/19/2006	30	2	32
PEST	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	%	3221GW0201	WV6688-1	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	44RB1214	WV6688-2	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	%	3221GW0301	WV6688-3	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	%	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	%	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	%	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	%	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	%	3221GW0101	WV6688-4	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	46GW1601RE	WV6701-11RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1101	WV6701-1	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1201	WV6701-2	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1201RE	WV6701-2RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1301	WV6701-7	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW1401	WV6701-8	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1401D	WV6701-9	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1001RE	WV6701-4RE	NM	12/17/2005	1/13/2006	1/13/2006	27	0	27
TPH	UG/L	46GW1601	WV6701-11	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW0101	WV6766-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	46GW1501	WV6701-10	NM	12/17/2005	12/21/2005	1/12/2006	4	22	26
TPH	UG/L	46GW1001	WV6701-4	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0901	WV6701-3	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0801	WV6766-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	46GW0701	WV6766-4	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	UG/L	46GW0201	WV6766-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
TPH	UG/L	44RB1214	WV6688-2	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	3221GW0301	WV6688-3	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	3221GW0201	WV6688-1	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	3221GW0101	WV6688-4	NM	12/14/2005	12/21/2005	1/11/2006	7	21	28
TPH	UG/L	46RB1217	WV6701-5	NM	12/17/2005	12/21/2005	1/11/2006	4	21	25
TPH	UG/L	46GW0301	WV6766-5	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2664 | PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 44	G. Walker	850 385 9899	KATAHDIN: Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FedEx 8532 2422 2167		Westbrook ME 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	G	G	G	G	G	P			
									PRESERVATIVE USED	HCL	HCL	HCL	4°	4°	HNO3			
									TYPE OF ANALYSIS	8260T CL VOC	8504.1 EDB	FL-PRO	8270 TCL SVOC/PAHs	8081/8082 Pest/PCB	TAL metals			COMMENTS
12/14	1400	44GW1501D	PEW 44-15	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1530	3221GW0201	3221 MW02	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1540	44RB1214	QA	—	—	QC	G	12		3	2	2	2	2	1			
12/14	1620	3221GW0301	3221 MW03	6	14	GW	G	12		3	2	2	2	2	1			
12/14	1625	3221GW0101	3221 MW01	6	14	GW	G	12		3	2	2	2	2	1			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Matt D. Olson	12-14-05	1815	1. RECEIVED BY:	12/15/05	0920
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

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PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46 Iout	G. WALKER	850 385 9899	Katahdin : Andrea Colby
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
Will D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		Fedex 8560 3460 8559		Westbrook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: Select metals	TCL VOC 8260	TCL SVOC PAHs 8270	SOM.1 EDB	E-L-PRO	TAL metals	8081/8082 PEST PCB	COMMENTS
12/16	1814	PEW-OUT-PZ07B-07	PZ07B	6	20	GW	G	1	1	—	—	—	—	—	—	—	—	
12/17	0845	46GW1101	PEW 46-11	3.5	14	GW	G	12	1	3	2	2	2	1 ✓	2			
12/17	0906	46GW1201	PEW 46-12	4	48	GW	G	12	1	3	2	2	2	1 ✓	2			
12/17	1100	46GW0901	PEW46 09	4	14	GW	G	12	1	3	2	2	2	1 ✓	2			
12/17	1100	46GW1001	PEW46 10	5	45	GW	G	12	1	3	2	2	2	1 ✓	2			
12/17	1230	46RB1217	QA	—	—	QA	G	12	1	3	2	2	2	1 ✓	2			
12/17	1230	46TB1217	QA	—	—	QA	G	2	1	2	—	—	—	—	—			
12/17	0920	46GW1301	46-13												○			
12/17	0915	46GW1401	46-14												○			
12/17	0915	46GW1401D	46-14												○			
12/17	1120	46GW1501	46-15												○			
12/17	1202	46GW1601	46-16												○			

1. RELINQUISHED BY: Will D. Olson	DATE: 12/17/05	TIME: 1400	1. RECEIVED BY: [illegible]	DATE: 12/19/05	TIME: 1120
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

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WW6 16601

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2668 | PAGE 1 OF

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEN 46	G. WALKER	850 385-9899	KATAHDIN; Andrea Colby
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
M D. Olson		Bill Olson	850 210-3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		Fedex 8560 3460 8560		West brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G G G G P
PRESERVATIVE USED: HCL HCL HCL 4° 4° HNO3

DATE 2005 YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC 8260	504.1 EDB	FL-PRO	8081/8082 PEST/PCB	8270 TCL SVOC/PAHs	TAL metals	COMMENTS
12/18	0852	46GW0101	PEN46-01	3	13	GW	G	12	3	2	2	2	2	1	
12/18	1003	46GW0201	PEN46-02	40	50	GW	G	12	3	2	2	2	2	1	
12/18	1136	46GW0801	PEN46-08	40	50	GW	G	12	3	2	2	2	2	1	
12/18	1145	46GW0701	PEN46-07	3	13	GW	G	12	3	2	2	2	2	1	
12/18	0936	46GW0301	PEN46-03	3	13	GW	G	12	3	2	2	2	2	1	
12/18	0930	46GW0301MS	PEN46-03	3	13	GW	G	12	3	2	2	2	2	1	
12/18	0930	46GW0301MSD	PEN46-03	3	13	GW	G	12	3	2	2	2	2	1	
12/18	0945	46GW0401	PEN46-04	40	50	GW	G	12	3	2	2	2	2	1	
12/18	1205	46GW0501	PEN46-05	3	13	GW	G	12	3	2	2	2	2	1	
12/18	1205	46GW0601	PEN46-06	3	13	GW	G	12	3	2	2	2	2	1	
12/18	1230	46TB1818	QA	—	—	QA	G	2	2	—	—	—	—	—	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: M D Olson	12/19/05	1730	1. RECEIVED BY:	12/20/05	1110
2. RELINQUISHED BY:	DATE	TIME	2. RECEIVED BY:	DATE	TIME
3. RELINQUISHED BY:	DATE	TIME	3. RECEIVED BY:	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

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FORM NO. TtNUS-001

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-4

Sample Receipt

The following samples were received on December 15, 19 and 20, 2005 and were logged in under Katahdin Analytical Services work order numbers WV6688, WV6701 and WV6766 for a hardcopy due date of January 15, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6688-1	3221GW0201
WV6688-2	44RB1214
WV6688-3	3221GW0301
WV6688-4	3221GW0101
WV6701-1	46GW1101
WV6701-2	46GW1201
WV6701-3	46GW0901
WV6701-4	46GW1001
WV6701-5	46RB1217
WV6701-6	46TB1217
WV6701-7	46GW1301
WV6701-8	46GW1401
WV6701-9	46GW1401D
WV6701-10	46GW1501
WV6701-11	46GW1601
WV6766-1	46GW0101
WV6766-2	46GW0201
WV6766-3	46GW0801
WV6766-4	46GW0701
WV6766-5	46GW0301

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-4 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), for the specific methods listed below or on the Report of Analysis. Sample WV6688-4 was used for a matrix spike (MS) and matrix spike duplicate sample (MSD), as per client's request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibrations analyzed on the F instrument on 12/21/05 and on the M instrument on 12/22/05 had %RSD values for acetone that exceeded the method acceptance limit of 15%. Even though the %RSD is greater than 15%, acetone was calibrated with the average model since this calibration model is more accurate for this analyte at concentrations near the PQL than either the linear or quadratic calibration models.

Samples WV6688-2, 3, 4 and WV6766-1 and 2 had high recoveries for the surrogate 1,2-dichloroethane-d4, which were outside of the laboratory established acceptance limits. For those samples that had no target analytes detected above the PQL, since a high recovery would indicate a high bias the associated samples were not reanalyzed. For those samples that had target analytes detected above the PQL, since the recoveries of the second surrogate dibromofluoromethane, which is associated with the same internal standard as the surrogate 1,2-dichloroethane-d4, were acceptable, these samples were not reanalyzed. The laboratory is conducting a long-term corrective action plan to investigate the high recoveries of this surrogate.

Samples WV6701-3, 4, and 11 were analyzed at a dilution based on sample history. Consequently, the sample's PQLs were elevated accordingly.

8015M-FLPRO Analysis

Samples WV6688-3, WV6701-8 and 9 and WV6766-2 and -3 had low recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for

the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the samples were not reextracted.

Samples WV6701-2, 4 and 11 had low recoveries for the extraction surrogates o-terphenyl and n-triacontane-D_{62}, which were outside of the method acceptance limits. The samples were reextracted twenty days out of hold time and reanalyzed. The reextracted samples WV6701-2RE, 4RE and 11RE also had low recoveries for OTP. The results for both analyses are included in the report.

The target range PRO may have been detected above the MDL but below the MDL in some method blanks. Any PRO that was also detected in any of the associated samples was flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The matrix spike sample, WG24127-3, had a high PRO recovery, which was outside of the method acceptance limits. Since the recoveries were acceptable in the associated LCS and MSD, WG24127-2 and 4, respectively, the associated samples were not reextracted.

The CV standards (files CWA2120, CWA2132, CWA2145, CWA2158, CWA2162 and CWA2176) had low and/or high responses for one or more of the individual hydrocarbons, which resulted in %D's that were outside of the method acceptance limits of 25%. Since the method requirement applies to only the PRO range response, which was acceptable in all CV's, the associated samples were not reanalyzed.

504.1 Analysis

Samples WV6688-1, 2, WV6701-8 and 9 had low recoveries for the surrogate TCX on channel A, which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were acceptable on channel B, the samples were not reextracted.

Sample WV6766-3 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. The sample was reextracted and analyzed with similar results indicating a matrix effect. The results from both extractions are included in the report.

Sample WV6701-7 had high recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and the sample did not detect 1,2-dibromoethane above the PQL, the sample was not reextracted.

Samples WV6701-2, 4 and 11 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Based on the appearance of the extracts after completing the extraction process, the low recoveries are likely due to a matrix effect and were therefore not reextracted.

Sample WV6701-11 was extracted within the 14 day holding time. The sample was deliberately not analyzed until all of the other samples were analyzed in order to avoid a possible instrument problem. This resulted in this sample being analyzed 4 days out of hold time. Also, the surrogate for sample WV6701-11 on channel A did not elute within the laboratories established retention time

window. Therefore, the peak was manually assigned and is flagged with the qualifier "*" on the form 8. The retention time on channel B was acceptable.

The opening calibration verification standard (CV) (file 3VL1212) had a low response for the surrogate TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 3VL1236 and 3VL2236) had low responses for the surrogate TCX on both channels, which resulted in %D's that were outside of the method acceptance limits of 30%.

The closing CV (file 3WA2043) had a high response for the surrogate TCX on channel B, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

8270C SIM Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are nominal limits for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this analyte was not detected above the MDL in the associated samples, the samples were not reanalyzed.

The calibration verification standards (CV) (file K1268 and K1329) had high responses for the calibration check compound (CCC) di-n-octylphthalate, which resulted in %D's that were outside

the method acceptance limit of 20%. Since a high response would indicate a high bias and this target analyte was not detected above the PQL, the associated samples were not reanalyzed.

8082 Analysis

The method blank, WG23986-1, the laboratory control sample, WG23986-2, samples WV6688-1, 3, 4, WV6701-8, 9, 10, 11, WV6766-1 through 3, and 5 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 23, 24 or 27 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples (with the exception of WV6766-1 and 5) were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The method blank, WG24714-1, laboratory control sample WG24714-2 and laboratory control sample duplicate WG24698-3 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since these samples were associated with reextracted samples, no further corrective action was taken.

The closing calibration verification standards (CV's) (files 6VL3097 and 6VL4097) had low responses for DCB on both channels and low responses for Aroclor 1016, Aroclor 1260 and TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The calibration verification standard (CV) (files 6WA2002) had a low response for DCB on channel B, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6VL3097, 6WA1027, 6WA2027, 6WA1084, 6WA2084, 6WA3072, 6WA4072, 6WA3110 and 6WA4110) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of DCB for file 6VL3097 and TCX for file 6WA3072, which were low, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

8081 Analysis

Samples WV6688-1, WV6701-2, 4, 8, 9 and 11 and WV6766-2 and 3 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 24, 25 or 28 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The method blank, WG23986-1, the laboratory control sample, WG23986-2, samples WV6688-1, 3, 4, WV6701-8, 9, 10, 11, WV6766-1 through 3, and 5 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 23, 24 or 27 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples (with the exception of WV6766-1

and 5) were also low. Samples WV6701-2RE and 4RE also had low recoveries for the extraction surrogate TCX on both channels. The results from both extractions are included in the report.

The opening CV (file 8WA1136) had high responses for gamma-BHC, heptachlor, beta-BHC and TCX on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 8WA1159) had high responses for most target analytes on the A channel, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The opening CV (file 8WA1057) had a high response for TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all of the responses on the confirmation channel were within the acceptance limits, the associated samples were not reanalyzed.

The closing/opening CV (files 8WA1198 and 8WA2198) had high responses for 4,4'-DDD, endrin aldehyde and DCB on channel A, a low response for 4,4'-DDT on channel A, a low response for heptachlor epoxide on channel B, and high responses for endrin ketone on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, with the exception of endrin ketone, and endrin ketone was not detected in any samples above the MDL, the associated samples were not reanalyzed.

The closing CV (files 8WA1222 and 8WA2222) had a high response endosulfan sulfate on channel A and high responses for endrin aldehyde and endrin ketone on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The opening CV (file 8WA3151) had a low response for alpha-BHC on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA3172 and 8WA4172) had low responses gamma-BHC, heptachlor, delta-BHC and methoxychlor on channel A and low responses for alpha-BHC on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

Some of the samples and the associated QC were put through a sulfur cleanup according to SW846 method 3660 using the copper powder technique. The cleanup had little or no effect on removing the sulfur. Consequently, some of the samples may have sulfur interference affecting the quantitation of target analytes. The results of the first analysis have been reported.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of SDG CTO367-4 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma (ICP) Atomic Emission Spectroscopic Analysis

The aqueous-matrix samples of SDG CTO367-4 were digested for ICP analyses on 12/30/05 (QC Batch VL30ICW1) in accordance with USEPA Method 3010A. Katahdin Sample No. WV6766-5 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO367-4 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA ICAP 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

The CCB analyzed at 20:12 in ICP analysis sequence BWA05A, failed high for magnesium. All associated samples contained magnesium at concentrations greater than ten times that of the CCB, therefore, no corrective action was necessary.

In ICP analysis sequence BWA09A, no final CCV/CCB pair was analyzed. Data was only accepted up to the CCV analyzed at 20:37. The ICSA, analyzed at 21:36, was used for data validation.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

The aqueous-matrix samples of SDG CTO367-4 were digested for mercury analysis on 01/03/06 (QC Batch WA03HGW1) and 01/04/06 (QC Batch WA04HGW0) in accordance with USEPA Method 7470A. Katahdin Sample Nos. WV6688-4 and WV6766-5 were prepared with duplicate matrix-spiked aliquots.

Mercury analyses of SDG CTO367-4 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

During data package review, it was discovered that the closing CCB in analysis sequence HWA05A was analyzed 14 hours after the closing CCV. The associated samples (Katahdin Sample No. WV6688-4 and its matrix-spiked aliquots) were redigested and reanalyzed out of holding time. Reanalysis results confirmed the results from sequence HWA05A.

Matrix QC Summary

Analyte recoveries in the matrix-spiked aliquots of Katahdin Sample Nos. WV6688-4 and WV6766-5 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the

native concentration is less than four times the amount added) for all measured analytes.

The matrix spike duplicate analyses of Katahdin Sample Nos. WV6688-4 and WV6766-5 are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all measured analytes.

The serial dilution analysis of Katahdin Sample No. WV6766-5 is outside the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for aluminum and zinc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.25.06

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-4 **SOW No.** SW846

Client Field ID	Lab Sample ID
3221GW0101	WV6688-004
3221GW0101	WV6688-004P
3221GW0101	WV6688-004S
3221GW0201	WV6688-001
3221GW0301	WV6688-003
44RB1214	WV6688-002
46GW0101	WV6766-001
46GW0201	WV6766-002
46GW0301	WV6766-005
46GW0301	WV6766-005P
46GW0301	WV6766-005S
46GW0701	WV6766-004
46GW0801	WV6766-003
46GW0901	WV6701-003
46GW1001	WV6701-004
46GW1101	WV6701-001
46GW1201	WV6701-002
46GW1301	WV6701-007
46GW1401	WV6701-008
46GW1401D	WV6701-009
46GW1501	WV6701-010
46GW1601	WV6701-011
46RB1217	WV6701-005

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: George Brewer Name: George Brewer

Date: 01/25/06 Title: Inorganic Dept. Mgr.

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: AWA09B Jan 09, 2006 15:32

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18830.71	94.2
ANTIMONY	600.0	585.51	97.6
ARSENIC	600.0	590.83	98.5
CALCIUM	20000.0	20770.53	103.9
CHROMIUM	500.0	495.59	99.1
IRON	20000.0	20411.05	102.1
LEAD	550.0	547.44	99.5
MAGNESIUM	20000.0	20857.65	104.3
SELENIUM	550.0	542.84	98.7
THALLIUM	600.0	607.34	101.2

SAMPLE: CCV

File: AWA09B Jan 09, 2006 16:19

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49415.54	98.8
ANTIMONY	1000.0	987.39	98.7
ARSENIC	1000.0	1014.33	101.4
CALCIUM	50000.0	52434.90	104.9
CHROMIUM	1000.0	1003.10	100.3
IRON	20000.0	20436.21	102.2
LEAD	1000.0	1004.44	100.4
MAGNESIUM	50000.0	52133.70	104.3
SELENIUM	1000.0	1004.17	100.4
THALLIUM	1000.0	1039.62	104.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 17:37

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48965.66	97.9
ANTIMONY	1000.0	990.42	99.0
ARSENIC	1000.0	1003.52	100.4
CALCIUM	50000.0	51342.51	102.7
CHROMIUM	1000.0	1001.87	100.2
IRON	20000.0	20050.47	100.3
LEAD	1000.0	983.87	98.4
MAGNESIUM	50000.0	51203.57	102.4
SELENIUM	1000.0	1000.92	100.1
THALLIUM	1000.0	1013.72	101.4

SAMPLE: CCV

File: AWA09B Jan 09, 2006 18:57

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48368.21	96.7
ANTIMONY	1000.0	977.17	97.7
ARSENIC	1000.0	974.45	97.4
CALCIUM	50000.0	49692.99	99.4
CHROMIUM	1000.0	980.09	98.0
IRON	20000.0	19444.09	97.2
LEAD	1000.0	947.64	94.8
MAGNESIUM	50000.0	49602.17	99.2
SELENIUM	1000.0	970.79	97.1
THALLIUM	1000.0	976.89	97.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 20:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48312.65	96.6
ANTIMONY	1000.0	1007.37	100.7
ARSENIC	1000.0	980.98	98.1
CALCIUM	50000.0	49699.15	99.4
CHROMIUM	1000.0	989.07	98.9
IRON	20000.0	19538.90	97.7
LEAD	1000.0	958.53	95.9
MAGNESIUM	50000.0	49645.02	99.3
SELENIUM	1000.0	980.69	98.1
THALLIUM	1000.0	970.33	97.0

SAMPLE: CCV

File: AWA09B Jan 09, 2006 21:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48500.51	97.0
ANTIMONY	1000.0	1004.94	100.5
ARSENIC	1000.0	973.11	97.3
CALCIUM	50000.0	49232.59	98.5
CHROMIUM	1000.0	980.05	98.0
IRON	20000.0	19439.84	97.2
LEAD	1000.0	950.28	95.0
MAGNESIUM	50000.0	49480.95	99.0
SELENIUM	1000.0	982.35	98.2
THALLIUM	1000.0	948.22	94.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 22:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49111.73	98.2
ANTIMONY	1000.0	1001.31	100.1
ARSENIC	1000.0	966.54	96.7
CALCIUM	50000.0	49189.55	98.4
CHROMIUM	1000.0	967.70	96.8
IRON	20000.0	19386.68	96.9
LEAD	1000.0	950.00	95.0
MAGNESIUM	50000.0	49530.77	99.1
SELENIUM	1000.0	973.07	97.3
THALLIUM	1000.0	953.66	95.4

SAMPLE: CCV

File: AWA09B Jan 10, 2006 0:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50143.86	100.3
ANTIMONY	1000.0	1008.26	100.8
ARSENIC	1000.0	976.24	97.6
CALCIUM	50000.0	49488.05	99.0
CHROMIUM	1000.0	966.27	96.6
IRON	20000.0	19567.85	97.8
LEAD	1000.0	957.57	95.8
MAGNESIUM	50000.0	49991.71	100.0
SELENIUM	1000.0	980.68	98.1
THALLIUM	1000.0	969.48	96.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 10, 2006 1:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50891.25	101.8
ANTIMONY	1000.0	999.95	100.0
ARSENIC	1000.0	977.85	97.8
CALCIUM	50000.0	49747.84	99.5
CHROMIUM	1000.0	953.87	95.4
IRON	20000.0	19645.43	98.2
LEAD	1000.0	961.09	96.1
MAGNESIUM	50000.0	50356.50	100.7
SELENIUM	1000.0	978.12	97.8
THALLIUM	1000.0	976.10	97.6

SAMPLE: CCV

File: AWA09B Jan 10, 2006 2:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50869.85	101.7
ANTIMONY	1000.0	989.54	99.0
ARSENIC	1000.0	975.10	97.5
CALCIUM	50000.0	49572.29	99.1
CHROMIUM	1000.0	937.60	93.8
IRON	20000.0	19557.46	97.8
LEAD	1000.0	957.61	95.8
MAGNESIUM	50000.0	50219.88	100.4
SELENIUM	1000.0	968.63	96.9
THALLIUM	1000.0	969.45	96.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 10, 2006 4:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51220.52	102.4
ANTIMONY	1000.0	984.15	98.4
ARSENIC	1000.0	968.77	96.9
CALCIUM	50000.0	49329.99	98.7
CHROMIUM	1000.0	914.83	91.5
IRON	20000.0	19566.28	97.8
LEAD	1000.0	959.21	95.9
MAGNESIUM	50000.0	50113.26	100.2
SELENIUM	1000.0	965.33	96.5
THALLIUM	1000.0	987.70	98.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: BWA05A Jan 05, 2006 12:28

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20104.96	100.5
BARIUM	500.0	500.57	100.1
BERYLLIUM	500.0	489.47	97.9
CADMIUM	1250.0	1259.36	100.7
CALCIUM	20000.0	20258.67	101.3
COBALT	500.0	513.85	102.8
COPPER	500.0	493.20	98.6
IRON	20000.0	20816.62	104.1
MAGNESIUM	20000.0	20374.38	101.9
MANGANESE	500.0	502.35	100.5
NICKEL	1000.0	1041.96	104.2
POTASSIUM	20000.0	20003.44	100.0
SILVER	200.0	201.86	100.9
SODIUM	20000.0	20819.83	104.1
VANADIUM	500.0	501.39	100.3
ZINC	1000.0	982.83	98.3

SAMPLE: CCV

File: BWA05A Jan 05, 2006 13:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49713.73	99.4
BARIUM	1000.0	990.80	99.1
BERYLLIUM	1000.0	999.41	99.9
CADMIUM	1000.0	998.38	99.8
CALCIUM	50000.0	50222.45	100.4
COBALT	1000.0	1004.61	100.5
COPPER	1000.0	987.26	98.7
IRON	20000.0	20200.00	101.0
MAGNESIUM	50000.0	50300.02	100.6
MANGANESE	1000.0	995.67	99.6
NICKEL	1000.0	1019.95	102.0
POTASSIUM	50000.0	49120.04	98.2
SILVER	250.0	246.97	98.8
SODIUM	50000.0	50549.37	101.1
VANADIUM	1000.0	993.16	99.3
ZINC	1000.0	1000.29	100.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 14:18

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50170.91	100.3
BARIUM	1000.0	1002.93	100.3
BERYLLIUM	1000.0	1013.76	101.4
CADMIUM	1000.0	1002.57	100.3
CALCIUM	50000.0	51256.82	102.5
COBALT	1000.0	1021.82	102.2
COPPER	1000.0	998.93	99.9
IRON	20000.0	20496.20	102.5
MAGNESIUM	50000.0	51048.01	102.1
MANGANESE	1000.0	1013.51	101.4
NICKEL	1000.0	1032.23	103.2
POTASSIUM	50000.0	49337.89	98.7
SILVER	250.0	248.41	99.4
SODIUM	50000.0	50763.85	101.5
VANADIUM	1000.0	1008.95	100.9
ZINC	1000.0	1015.65	101.6

SAMPLE: CCV

File: BWA05A Jan 05, 2006 15:29

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50092.39	100.2
BARIUM	1000.0	1004.41	100.4
BERYLLIUM	1000.0	1021.32	102.1
CADMIUM	1000.0	1002.63	100.3
CALCIUM	50000.0	51510.56	103.0
COBALT	1000.0	1023.31	102.3
COPPER	1000.0	999.60	100.0
IRON	20000.0	20563.15	102.8
MAGNESIUM	50000.0	51426.75	102.9
MANGANESE	1000.0	1014.42	101.4
NICKEL	1000.0	1032.71	103.3
POTASSIUM	50000.0	49161.73	98.3
SILVER	250.0	250.97	100.4
SODIUM	50000.0	50636.84	101.3
VANADIUM	1000.0	1017.77	101.8
ZINC	1000.0	1016.80	101.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 16:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50444.51	100.9
BARIUM	1000.0	1010.25	101.0
BERYLLIUM	1000.0	1027.81	102.8
CADMIUM	1000.0	1014.32	101.4
CALCIUM	50000.0	52281.60	104.6
COBALT	1000.0	1030.79	103.1
COPPER	1000.0	1006.12	100.6
IRON	20000.0	20721.67	103.6
MAGNESIUM	50000.0	52036.04	104.1
MANGANESE	1000.0	1021.17	102.1
NICKEL	1000.0	1051.22	105.1
POTASSIUM	50000.0	49721.20	99.4
SILVER	250.0	251.07	100.4
SODIUM	50000.0	51693.55	103.4
VANADIUM	1000.0	1018.05	101.8
ZINC	1000.0	1026.28	102.6

SAMPLE: CCV

File: BWA05A Jan 05, 2006 17:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51114.63	102.2
BARIUM	1000.0	1031.13	103.1
BERYLLIUM	1000.0	1028.97	102.9
CADMIUM	1000.0	1027.49	102.7
CALCIUM	50000.0	52399.40	104.8
COBALT	1000.0	1026.24	102.6
COPPER	1000.0	1023.07	102.3
IRON	20000.0	20822.05	104.1
MAGNESIUM	50000.0	51877.94	103.8
MANGANESE	1000.0	1028.03	102.8
NICKEL	1000.0	1053.66	105.4
POTASSIUM	50000.0	50739.66	101.5
SILVER	250.0	261.69	104.7
SODIUM	50000.0	52378.69	104.8
VANADIUM	1000.0	1032.83	103.3
ZINC	1000.0	1037.09	103.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 18:55

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51523.46	103.0
BARIUM	1000.0	1050.29	105.0
BERYLLIUM	1000.0	1030.07	103.0
CADMIUM	1000.0	1036.44	103.6
CALCIUM	50000.0	52094.61	104.2
COBALT	1000.0	1010.40	101.0
COPPER	1000.0	1039.77	104.0
IRON	20000.0	20747.61	103.7
MAGNESIUM	50000.0	51555.50	103.1
MANGANESE	1000.0	1028.58	102.9
NICKEL	1000.0	1061.19	106.1
POTASSIUM	50000.0	50585.23	101.2
SILVER	250.0	262.44	105.0
SODIUM	50000.0	53162.33	106.3
VANADIUM	1000.0	1032.91	103.3
ZINC	1000.0	1043.41	104.3

SAMPLE: CCV

File: BWA05A Jan 05, 2006 20:06

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52073.94	104.1
BARIUM	1000.0	1056.13	105.6
BERYLLIUM	1000.0	1034.34	103.4
CADMIUM	1000.0	1037.48	103.7
CALCIUM	50000.0	51737.01	103.5
COBALT	1000.0	1008.06	100.8
COPPER	1000.0	1045.13	104.5
IRON	20000.0	20843.63	104.2
MAGNESIUM	50000.0	51642.57	103.3
MANGANESE	1000.0	1041.44	104.1
NICKEL	1000.0	1039.05	103.9
POTASSIUM	50000.0	50958.93	101.9
SILVER	250.0	264.81	105.9
SODIUM	50000.0	53834.48	107.7
VANADIUM	1000.0	1037.30	103.7
ZINC	1000.0	1044.52	104.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 21:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51118.79	102.2
BARIUM	1000.0	1034.81	103.5
BERYLLIUM	1000.0	1010.24	101.0
CADMIUM	1000.0	1014.99	101.5
CALCIUM	50000.0	50422.92	100.8
COBALT	1000.0	978.42	97.8
COPPER	1000.0	1024.53	102.5
IRON	20000.0	20300.05	101.5
MAGNESIUM	50000.0	50408.91	100.8
MANGANESE	1000.0	1025.23	102.5
NICKEL	1000.0	1024.04	102.4
POTASSIUM	50000.0	50237.74	100.5
SILVER	250.0	256.66	102.7
SODIUM	50000.0	52552.04	105.1
VANADIUM	1000.0	1012.73	101.3
ZINC	1000.0	1147.67	114.8 *

SAMPLE: CCV

File: BWA05A Jan 05, 2006 22:28

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52567.28	105.1
BARIUM	1000.0	1067.16	106.7
BERYLLIUM	1000.0	1040.72	104.1
CADMIUM	1000.0	1047.81	104.8
CALCIUM	50000.0	51456.13	102.9
COBALT	1000.0	999.11	99.9
COPPER	1000.0	1055.99	105.6
IRON	20000.0	20774.73	103.9
MAGNESIUM	50000.0	51534.33	103.1
MANGANESE	1000.0	1051.70	105.2
NICKEL	1000.0	1045.84	104.6
POTASSIUM	50000.0	51750.06	103.5
SILVER	250.0	264.96	106.0
SODIUM	50000.0	54599.98	109.2
VANADIUM	1000.0	1043.43	104.3
ZINC	1000.0	1048.97	104.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 23:39

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52466.64	104.9
BARIUM	1000.0	1060.44	106.0
BERYLLIUM	1000.0	1034.36	103.4
CADMIUM	1000.0	1036.93	103.7
CALCIUM	50000.0	51036.73	102.1
COBALT	1000.0	995.47	99.5
COPPER	1000.0	1055.77	105.6
IRON	20000.0	20633.67	103.2
MAGNESIUM	50000.0	51232.26	102.5
MANGANESE	1000.0	1045.88	104.6
NICKEL	1000.0	1028.31	102.8
POTASSIUM	50000.0	51998.27	104.0
SILVER	250.0	266.14	106.5
SODIUM	50000.0	54018.24	108.0
VANADIUM	1000.0	1033.64	103.4
ZINC	1000.0	1040.81	104.1

SAMPLE: CCV

File: BWA05A Jan 06, 2006 0:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52885.78	105.8
BARIUM	1000.0	1067.29	106.7
BERYLLIUM	1000.0	1041.47	104.1
CADMIUM	1000.0	1042.63	104.3
CALCIUM	50000.0	51191.54	102.4
COBALT	1000.0	1003.50	100.4
COPPER	1000.0	1059.16	105.9
IRON	20000.0	20806.01	104.0
MAGNESIUM	50000.0	51464.84	102.9
MANGANESE	1000.0	1053.01	105.3
NICKEL	1000.0	1041.10	104.1
POTASSIUM	50000.0	52287.26	104.6
SILVER	250.0	263.10	105.2
SODIUM	50000.0	54734.42	109.5
VANADIUM	1000.0	1043.03	104.3
ZINC	1000.0	1046.42	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 06, 2006 1:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51756.17	103.5
BARIUM	1000.0	1045.42	104.5
BERYLLIUM	1000.0	1021.22	102.1
CADMIUM	1000.0	1017.65	101.8
CALCIUM	50000.0	49947.88	99.9
COBALT	1000.0	982.66	98.3
COPPER	1000.0	1036.79	103.7
IRON	20000.0	20430.17	102.2
MAGNESIUM	50000.0	50392.31	100.8
MANGANESE	1000.0	1030.76	103.1
NICKEL	1000.0	1022.45	102.2
POTASSIUM	50000.0	50421.64	100.8
SILVER	250.0	260.70	104.3
SODIUM	50000.0	52879.18	105.8
VANADIUM	1000.0	1020.83	102.1
ZINC	1000.0	1020.02	102.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: BWA06A Jan 06, 2006 10:15

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20357.68	101.8
BARIUM	500.0	506.09	101.2
BERYLLIUM	500.0	494.63	98.9
CADMIUM	1250.0	1276.90	102.2
CALCIUM	20000.0	20647.67	103.2
COBALT	500.0	520.55	104.1
COPPER	500.0	499.19	99.8
IRON	20000.0	21161.88	105.8
MAGNESIUM	20000.0	20671.17	103.4
MANGANESE	500.0	506.56	101.3
NICKEL	1000.0	1032.44	103.2
POTASSIUM	20000.0	20384.06	101.9
SILVER	200.0	208.07	104.0
VANADIUM	500.0	507.39	101.5
ZINC	1000.0	1001.02	100.1

SAMPLE: CCV

File: BWA06A Jan 06, 2006 11:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50651.19	101.3
BARIUM	1000.0	1004.46	100.4
BERYLLIUM	1000.0	996.92	99.7
CADMIUM	1000.0	1024.75	102.5
CALCIUM	50000.0	52761.55	105.5
COBALT	1000.0	1027.26	102.7
COPPER	1000.0	995.49	99.5
IRON	20000.0	20902.47	104.5
MAGNESIUM	50000.0	51638.73	103.3
MANGANESE	1000.0	992.81	99.3
NICKEL	1000.0	1016.60	101.7
POTASSIUM	50000.0	49997.05	100.0
SILVER	250.0	251.39	100.6
VANADIUM	1000.0	1006.83	100.7
ZINC	1000.0	1025.32	102.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA06A Jan 06, 2006 13:49

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51178.09	102.4
BARIUM	1000.0	1023.43	102.3
BERYLLIUM	1000.0	1012.00	101.2
CADMIUM	1000.0	1034.13	103.4
CALCIUM	50000.0	54580.93	109.2
COBALT	1000.0	1038.75	103.9
COPPER	1000.0	1005.25	100.5
IRON	20000.0	21284.30	106.4
MAGNESIUM	50000.0	52872.23	105.7
MANGANESE	1000.0	1010.37	101.0
NICKEL	1000.0	1031.31	103.1
POTASSIUM	50000.0	50599.29	101.2
SILVER	250.0	259.00	103.6
VANADIUM	1000.0	1024.88	102.5
ZINC	1000.0	1047.85	104.8

SAMPLE: CCV

File: BWA06A Jan 06, 2006 15:00

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50810.40	101.6
BARIUM	1000.0	1021.88	102.2
BERYLLIUM	1000.0	1012.64	101.3
CADMIUM	1000.0	1038.25	103.8
CALCIUM	50000.0	55044.13	110.1
COBALT	1000.0	1028.66	102.9
COPPER	1000.0	1003.01	100.3
IRON	20000.0	21192.00	106.0
MAGNESIUM	50000.0	53182.37	106.4
MANGANESE	1000.0	1009.54	101.0
NICKEL	1000.0	1037.87	103.8
POTASSIUM	50000.0	49182.88	98.4
SILVER	250.0	253.89	101.6
VANADIUM	1000.0	1024.28	102.4
ZINC	1000.0	1052.79	105.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA06A Jan 06, 2006 16:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49333.20	98.7
BARIUM	1000.0	1001.06	100.1
BERYLLIUM	1000.0	986.45	98.6
CADMIUM	1000.0	1005.76	100.6
CALCIUM	50000.0	53500.13	107.0
COBALT	1000.0	987.38	98.7
COPPER	1000.0	976.63	97.7
IRON	20000.0	20610.12	103.1
MAGNESIUM	50000.0	51678.07	103.4
MANGANESE	1000.0	985.63	98.6
NICKEL	1000.0	998.75	99.9
POTASSIUM	50000.0	46938.94	93.9
SILVER	250.0	246.69	98.7
VANADIUM	1000.0	993.69	99.4
ZINC	1000.0	1030.60	103.1

SAMPLE: CCV

File: BWA06A Jan 06, 2006 17:21

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51346.12	102.7
BARIUM	1000.0	1043.55	104.4
BERYLLIUM	1000.0	1016.51	101.7
CADMIUM	1000.0	1054.89	105.5
CALCIUM	50000.0	55749.66	111.5 •
COBALT	1000.0	1005.47	100.5
COPPER	1000.0	1017.74	101.8
IRON	20000.0	21188.88	105.9
MAGNESIUM	50000.0	53558.39	107.1
MANGANESE	1000.0	1020.92	102.1
NICKEL	1000.0	1042.41	104.2
POTASSIUM	50000.0	49404.67	98.8
SILVER	250.0	260.56	104.2
VANADIUM	1000.0	1035.54	103.6
ZINC	1000.0	1074.15	107.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA06A Jan 06, 2006 18:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51949.21	103.9
BARIUM	1000.0	1050.47	105.0
BERYLLIUM	1000.0	1019.89	102.0
CADMIUM	1000.0	1058.56	105.9
CALCIUM	50000.0	54975.61	110.0
COBALT	1000.0	980.40	98.0
COPPER	1000.0	1028.10	102.8
IRON	20000.0	21080.90	105.4
MAGNESIUM	50000.0	53226.08	106.5
MANGANESE	1000.0	1027.18	102.7
NICKEL	1000.0	1031.94	103.2
POTASSIUM	50000.0	48159.66	96.3
SILVER	250.0	262.68	105.1
VANADIUM	1000.0	1031.81	103.2
ZINC	1000.0	1070.59	107.1

SAMPLE: CCV

File: BWA06A Jan 06, 2006 19:25

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52533.14	105.1
BARIUM	1000.0	1068.50	106.8
BERYLLIUM	1000.0	1027.60	102.8
CADMIUM	1000.0	1067.58	106.8
CALCIUM	50000.0	54712.90	109.4
COBALT	1000.0	979.42	97.9
COPPER	1000.0	1040.33	104.0
IRON	20000.0	21137.14	105.7
MAGNESIUM	50000.0	53506.91	107.0
MANGANESE	1000.0	1039.33	103.9
NICKEL	1000.0	1036.71	103.7
POTASSIUM	50000.0	48525.62	97.1
SILVER	250.0	266.00	106.4
VANADIUM	1000.0	1040.66	104.1
ZINC	1000.0	1077.16	107.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: BWA09A Jan 09, 2006 12:35

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19859.24	99.3
CALCIUM	20000.0	20083.17	100.4
IRON	20000.0	20573.96	102.9
MAGNESIUM	20000.0	20193.63	101.0
SODIUM	20000.0	19996.94	100.0

SAMPLE: CCV

File: BWA09A Jan 09, 2006 13:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50471.94	100.9
CALCIUM	50000.0	51505.27	103.0
IRON	20000.0	20633.18	103.2
MAGNESIUM	50000.0	52054.46	104.1
SODIUM	50000.0	49674.08	99.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA09A Jan 09, 2006 15:53

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50820.25	101.6
CALCIUM	50000.0	53795.70	107.6
IRON	20000.0	21215.68	106.1
MAGNESIUM	50000.0	52814.06	105.6
SODIUM	50000.0	49985.25	100.0

SAMPLE: CCV

File: BWA09A Jan 09, 2006 17:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50821.50	101.6
CALCIUM	50000.0	52285.59	104.6
IRON	20000.0	20924.69	104.6
MAGNESIUM	50000.0	50820.02	101.6
SODIUM	50000.0	51330.86	102.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA09A Jan 09, 2006 18:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50808.73	101.6
CALCIUM	50000.0	53546.66	107.1
IRON	20000.0	21110.09	105.6
MAGNESIUM	50000.0	53041.17	106.1
SODIUM	50000.0	51097.83	102.2

SAMPLE: CCV

File: BWA09A Jan 09, 2006 19:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51546.50	103.1
CALCIUM	50000.0	52243.51	104.5
IRON	20000.0	20840.03	104.2
MAGNESIUM	50000.0	52432.14	104.9
SODIUM	50000.0	51152.62	102.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA09A Jan 09, 2006 20:37

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51178.26	102.4
CALCIUM	50000.0	51107.68	102.2
IRON	20000.0	20534.80	102.7
MAGNESIUM	50000.0	51794.87	103.6
SODIUM	50000.0	50675.50	101.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: HWA03A Jan 03, 2006 16:07

Analyte	True	Found	%R (1)
MERCURY	6.0	5.97	99.5

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:32

Analyte	True	Found	%R (1)
MERCURY	5.0	5.25	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:57

Analyte	True	Found	%R (1)
MERCURY	5.0	5.38	107.6

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:23

Analyte	True	Found	%R (1)
MERCURY	5.0	5.21	104.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:49

Analyte	True	Found	%R (1)
MERCURY	5.0	5.57	111.4

SAMPLE: CCV

File: HWA03A Jan 03, 2006 18:08

Analyte	True	Found	%R (1)
MERCURY	5.0	5.47	109.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICV

File: HWA04B Jan 04, 2006 13:56

Analyte	True	Found	%R (1)
MERCURY	6.0	6.21	103.5

SAMPLE: CCV

File: HWA04B Jan 04, 2006 14:22

Analyte	True	Found	%R (1)
MERCURY	5.0	5.75	115.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCV

File: HWA04B Jan 04, 2006 14:47

Analyte	True	Found	%R (1)
MERCURY	5.0	5.82	116.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CRA

File: HWA04B Jan 04, 2006 14:01

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.28	140.0

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL30ICW1

Matrix: WATER **SDG Name:** CTO367-4

QC Batch ID: VL30ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	-11.480	I
ANTIMONY	4.110	U
ARSENIC	3.450	U
BARIUM	1.170	U
BERYLLIUM	0.290	U
CADMIUM	4.360	U
CALCIUM	21.400	U
CHROMIUM	1.010	U
COBALT	3.050	U
COPPER	2.860	U
IRON	7.300	I
LEAD	1.650	U
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	11.700	U
POTASSIUM	420.000	U
SELENIUM	3.590	U
SILVER	4.400	U
SODIUM	33.800	U
THALLIUM	6.130	U
VANADIUM	4.880	U
ZINC	1.740	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03HGW1

Matrix: WATER **SDG Name:** CTO367-4

QC Batch ID: WA03HGW1

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.033	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA04HGW0

Matrix: WATER **SDG Name:** CTO367-4

QC Batch ID: WA04HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.020	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: AWA09B Jan 09, 2006 15:39

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 16:26

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	13.37	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 17:43

Analyte	Result	C
ALUMINUM	79.50	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	14.83	I
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: AWA09B Jan 09, 2006 19:03

Analyte	Result	C
ALUMINUM	111.85	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-14.90	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 20:23

Analyte	Result	C
ALUMINUM	145.06	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-40.11	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 21:43

Analyte	Result	C
ALUMINUM	143.82	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-37.49	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: AWA09B Jan 09, 2006 23:03

Analyte	Result	C
ALUMINUM	100.99	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-25.47	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.19	I
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 10, 2006 0:23

Analyte	Result	C
ALUMINUM	47.81	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-19.44	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 10, 2006 1:43

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: AWA09B Jan 10, 2006 3:03

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

SAMPLE: CCB

File: AWA09B Jan 10, 2006 4:23

Analyte	Result	C
ALUMINUM	-73.23	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	21.88	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: BWA05A Jan 05, 2006 12:34

Analyte	Result	C
ALUMINUM	-8.09	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	9.02	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	33.80	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 13:19

Analyte	Result	C
ALUMINUM	42.32	I
BARIUM	1.17	U
BERYLLIUM	0.30	I
CADMIUM	4.36	U
CALCIUM	56.55	
COBALT	3.05	U
COPPER	2.86	U
IRON	23.88	I
MAGNESIUM	66.15	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	-4.50	I
SODIUM	33.80	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 14:24

Analyte	Result	C
ALUMINUM	39.43	I
BARIUM	1.17	U
BERYLLIUM	0.30	I
CADMIUM	4.36	U
CALCIUM	54.01	
COBALT	3.05	U
COPPER	2.86	U
IRON	19.82	I
MAGNESIUM	62.56	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	112.27	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 15:34

Analyte	Result	C
ALUMINUM	22.54	I
BARIUM	1.17	U
BERYLLIUM	0.38	I
CADMIUM	4.36	U
CALCIUM	41.15	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.11	I
MAGNESIUM	36.10	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	75.55	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 16:39

Analyte	Result	C
ALUMINUM	7.96	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	36.15	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.24	I
MAGNESIUM	31.65	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	88.62	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 17:50

Analyte	Result	C
ALUMINUM	4.34	I
BARIUM	1.17	U
BERYLLIUM	0.32	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	5.61	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	505.29	I
SILVER	4.40	U
SODIUM	33.80	U
VANADIUM	5.27	I
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 19:01

Analyte	Result	C
ALUMINUM	16.65	I
BARIUM	1.17	U
BERYLLIUM	0.51	I
CADMIUM	4.36	U
CALCIUM	40.99	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.92	I
MAGNESIUM	39.41	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-96.93	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 20:12

Analyte	Result	C
ALUMINUM	38.04	I
BARIUM	1.17	U
BERYLLIUM	0.47	I
CADMIUM	4.36	U
CALCIUM	42.76	I
COBALT	3.05	U
COPPER	4.03	I
IRON	20.55	I
MAGNESIUM	51.93	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-83.15	I
VANADIUM	5.40	I
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 21:23

Analyte	Result	C
ALUMINUM	12.68	I
BARIUM	1.17	U
BERYLLIUM	0.42	I
CADMIUM	4.36	U
CALCIUM	92.99	
COBALT	3.05	U
COPPER	2.86	U
IRON	36.69	I
MAGNESIUM	26.00	U
MANGANESE	1.72	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-71.96	I
VANADIUM	4.88	U
ZINC	12.33	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 22:34

Analyte	Result	C
ALUMINUM	-11.05	I
BARIUM	1.17	U
BERYLLIUM	0.46	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.14	I
COPPER	2.86	U
IRON	5.53	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-132.13	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 23:45

Analyte	Result	C
ALUMINUM	-15.43	I
BARIUM	1.17	U
BERYLLIUM	0.57	I
CADMIUM	4.36	U
CALCIUM	22.24	I
COBALT	3.05	U
COPPER	2.86	U
IRON	11.80	I
MAGNESIUM	33.48	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	461.49	I
SILVER	4.40	U
SODIUM	-102.81	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA05A Jan 06, 2006 0:56

Analyte	Result	C
ALUMINUM	14.80	I
BARIUM	1.17	U
BERYLLIUM	0.66	I
CADMIUM	4.36	U
CALCIUM	25.91	I
COBALT	3.05	U
COPPER	2.86	U
IRON	13.00	I
MAGNESIUM	33.80	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	603.20	I
SILVER	4.40	U
SODIUM	-59.53	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 06, 2006 1:26

Analyte	Result	C
ALUMINUM	52.09	I
BARIUM	1.17	U
BERYLLIUM	0.65	I
CADMIUM	4.36	U
CALCIUM	38.82	I
COBALT	3.81	I
COPPER	2.86	U
IRON	23.57	I
MAGNESIUM	55.23	
MANGANESE	0.97	I
NICKEL	11.70	U
POTASSIUM	750.31	I
SILVER	4.40	U
SODIUM	-146.85	I
VANADIUM	6.55	I
ZINC	2.23	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: BWA06A Jan 06, 2006 10:21

Analyte	Result	C
ALUMINUM	17.15	I
BARIUM	1.82	I
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA06A Jan 06, 2006 11:56

Analyte	Result	C
ALUMINUM	48.73	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	25.14	I
COBALT	3.05	U
COPPER	2.86	U
IRON	12.69	I
MAGNESIUM	38.30	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA06A Jan 06, 2006 13:55

Analyte	Result	C
ALUMINUM	4.26	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	6.79	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	-5.05	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA06A Jan 06, 2006 15:06

Analyte	Result	C
ALUMINUM	17.80	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	25.65	I
COBALT	3.05	U
COPPER	2.86	U
IRON	10.47	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA06A Jan 06, 2006 16:16

Analyte	Result	C
ALUMINUM	17.38	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	3.14	I
IRON	4.66	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	489.91	I
SILVER	4.40	U
VANADIUM	5.07	I
ZINC	1.74	U

SAMPLE: CCB

File: BWA06A Jan 06, 2006 17:27

Analyte	Result	C
ALUMINUM	9.64	I
BARIUM	1.17	U
BERYLLIUM	0.34	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	3.72	I
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	556.70	I
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA06A Jan 06, 2006 18:32

Analyte	Result	C
ALUMINUM	22.66	I
BARIUM	1.19	I
BERYLLIUM	0.50	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	7.72	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BWA06A Jan 06, 2006 19:31

Analyte	Result	C
ALUMINUM	36.03	I
BARIUM	1.17	U
BERYLLIUM	0.67	I
CADMIUM	4.36	U
CALCIUM	32.31	I
COBALT	3.05	U
COPPER	2.86	U
IRON	10.83	I
MAGNESIUM	39.82	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	511.90	I
SILVER	4.40	U
VANADIUM	5.32	I
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: BWA09A Jan 09, 2006 12:41

Analyte	Result	C
ALUMINUM	2.73	U
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	-54.28	I

SAMPLE: CCB

File: BWA09A Jan 09, 2006 13:23

Analyte	Result	C
ALUMINUM	-17.16	I
CALCIUM	21.40	U
IRON	5.76	I
MAGNESIUM	34.35	I
SODIUM	55.69	I

SAMPLE: CCB

File: BWA09A Jan 09, 2006 15:59

Analyte	Result	C
ALUMINUM	31.64	I
CALCIUM	37.66	I
IRON	12.10	I
MAGNESIUM	37.90	I
SODIUM	273.14	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA09A Jan 09, 2006 17:10

Analyte	Result	C
ALUMINUM	27.10	I
CALCIUM	39.15	I
IRON	13.76	I
MAGNESIUM	48.01	I
SODIUM	305.60	I

SAMPLE: CCB

File: BWA09A Jan 09, 2006 18:21

Analyte	Result	C
ALUMINUM	46.76	I
CALCIUM	45.17	I
IRON	21.16	I
MAGNESIUM	52.78	
SODIUM	204.17	I

SAMPLE: CCB

File: BWA09A Jan 09, 2006 19:32

Analyte	Result	C
ALUMINUM	18.75	I
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	121.38	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA09A Jan 09, 2006 20:43

Analyte	Result	C
ALUMINUM	2.73	U
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	33.80	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: HWA03A Jan 03, 2006 16:09

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 16:34

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:00

Analyte	Result	C
MERCURY	0.02	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICB

File: HWA04B Jan 04, 2006 13:58

Analyte	Result	C
MERCURY	0.04	I

SAMPLE: CCB

File: HWA04B Jan 04, 2006 14:24

Analyte	Result	C
MERCURY	0.13	I

SAMPLE: CCB

File: HWA04B Jan 04, 2006 14:49

Analyte	Result	C
MERCURY	0.10	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 09, 2006 16:06

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	505712	101.1
ANTIMONY	0	-1	
ARSENIC	0	-2	
CALCIUM	500000	532979	106.6
CHROMIUM	2	9	
IRON	200000	207589	103.8
LEAD	5	4	
MAGNESIUM	500000	526413	105.3
SELENIUM	0	2	
THALLIUM	0	-5	

SAMPLE: ICSAB

File: AWA09B Jan 09, 2006 16:12

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	499416	99.9
ANTIMONY	600	592	98.7
ARSENIC	100	94	94.0
CALCIUM	500000	525007	105.0
CHROMIUM	502	503	100.2
IRON	200000	204798	102.4
LEAD	55	52	94.5
MAGNESIUM	500000	518088	103.6
SELENIUM	50	52	104.0
THALLIUM	100	93	93.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 09, 2006 20:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	492594	98.5
ANTIMONY	0	1	
ARSENIC	0	0	
CALCIUM	500000	498981	99.8
CHROMIUM	2	9	
IRON	200000	198272	99.1
LEAD	5	6	
MAGNESIUM	500000	502563	100.5
SELENIUM	0	-3	
THALLIUM	0	-4	

SAMPLE: ICSAB

File: AWA09B Jan 09, 2006 20:10

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	505049	101.0
ANTIMONY	600	621	103.5
ARSENIC	100	92	92.0
CALCIUM	500000	509975	102.0
CHROMIUM	502	514	102.4
IRON	200000	202898	101.4
LEAD	55	55	100.0
MAGNESIUM	500000	511918	102.4
SELENIUM	50	52	104.0
THALLIUM	100	99	99.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 10, 2006 00:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	502260	100.5
ANTIMONY	0	-4	
ARSENIC	0	0	
CALCIUM	500000	491460	98.3
CHROMIUM	2	9	
IRON	200000	196283	98.1
LEAD	5	8	
MAGNESIUM	500000	500176	100.0
SELENIUM	0	1	
THALLIUM	0	-3	

SAMPLE: ICSAB

File: AWA09B Jan 10, 2006 00:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503675	100.7
ANTIMONY	600	603	100.5
ARSENIC	100	91	91.0
CALCIUM	500000	489843	98.0
CHROMIUM	502	486	96.8
IRON	200000	196126	98.1
LEAD	55	56	101.8
MAGNESIUM	500000	497989	99.6
SELENIUM	50	47	94.0
THALLIUM	100	90	90.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 10, 2006 04:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	562371	112.5
ANTIMONY	0	0	
ARSENIC	0	-1	
CALCIUM	500000	532857	106.6
CHROMIUM	2	10	
IRON	200000	213692	106.8
LEAD	5	8	
MAGNESIUM	500000	544780	109.0
SELENIUM	0	-1	
THALLIUM	0	-3	

SAMPLE: ICSAB

File: AWA09B Jan 10, 2006 04:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	500958	100.2
ANTIMONY	600	572	95.3
ARSENIC	100	87	87.0
CALCIUM	500000	471895	94.4
CHROMIUM	502	446	88.8
IRON	200000	189682	94.8
LEAD	55	54	98.2
MAGNESIUM	500000	484345	96.9
SELENIUM	50	47	94.0
THALLIUM	100	85	85.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 12:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516038	103.2
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	2	
CALCIUM	500000	503260	100.7
COBALT	0	-4	
COPPER	0	-3	
IRON	200000	196276	98.1
MAGNESIUM	500000	514577	102.9
MANGANESE	4	7	
NICKEL	0	17	
POTASSIUM	0	56	
SILVER	0	3	
SODIUM	0	-73	
VANADIUM	0	-1	
ZINC	4	-6	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 13:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	515311	103.1
BARIUM	500	518	103.6
BERYLLIUM	500	500	100.0
CADMIUM	1000	1027	102.7
CALCIUM	500000	502620	100.5
COBALT	500	481	96.2
COPPER	500	497	99.4
IRON	200000	196855	98.4
MAGNESIUM	500000	512815	102.6
MANGANESE	504	499	99.0
NICKEL	1000	1005	100.5
POTASSIUM	20000	19591	98.0
SILVER	200	215	107.5
SODIUM	20000	20481	102.4
VANADIUM	500	495	99.0
ZINC	1004	989	98.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 15:17

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516776	103.4
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	2	
CALCIUM	500000	513299	102.7
COBALT	0	-6	
COPPER	0	-2	
IRON	200000	198539	99.3
MAGNESIUM	500000	521442	104.3
MANGANESE	4	7	
NICKEL	0	21	
POTASSIUM	0	-44	
SILVER	0	5	
SODIUM	0	-54	
VANADIUM	0	3	
ZINC	4	-8	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 15:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	521442	104.3
BARIUM	500	510	102.0
BERYLLIUM	500	495	99.0
CADMIUM	1000	1015	101.5
CALCIUM	500000	516620	103.3
COBALT	500	475	95.0
COPPER	500	490	98.0
IRON	200000	200344	100.2
MAGNESIUM	500000	526052	105.2
MANGANESE	504	494	98.0
NICKEL	1000	982	98.2
POTASSIUM	20000	20476	102.4
SILVER	200	211	105.5
SODIUM	20000	21124	105.6
VANADIUM	500	490	98.0
ZINC	1004	976	97.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 18:43

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512159	102.4
BARIUM	0	0	
BERYLLIUM	0	1	
CADMIUM	0	1	
CALCIUM	500000	502105	100.4
COBALT	0	-5	
COPPER	0	-3	
IRON	200000	193816	96.9
MAGNESIUM	500000	507159	101.4
MANGANESE	4	6	
NICKEL	0	20	
POTASSIUM	0	1	
SILVER	0	7	
SODIUM	0	-136	
VANADIUM	0	-2	
ZINC	4	-7	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 18:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	513685	102.7
BARIUM	500	528	105.6
BERYLLIUM	500	494	98.8
CADMIUM	1000	1032	103.2
CALCIUM	500000	501648	100.3
COBALT	500	469	93.8
COPPER	500	499	99.8
IRON	200000	194733	97.4
MAGNESIUM	500000	507757	101.6
MANGANESE	504	494	98.0
NICKEL	1000	984	98.4
POTASSIUM	20000	20350	101.8
SILVER	200	216	108.0
SODIUM	20000	21288	106.4
VANADIUM	500	491	98.2
ZINC	1004	990	98.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 22:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	532705	106.5
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	3	
CALCIUM	500000	503544	100.7
COBALT	0	-5	
COPPER	0	-4	
IRON	200000	197232	98.6
MAGNESIUM	500000	517972	103.6
MANGANESE	4	5	
NICKEL	0	23	
POTASSIUM	0	-159	
SILVER	0	8	
SODIUM	0	-186	
VANADIUM	0	-2	
ZINC	4	-5	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 22:22

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	534064	106.8
BARIUM	500	545	109.0
BERYLLIUM	500	508	101.6
CADMIUM	1000	1058	105.8
CALCIUM	500000	503366	100.7
COBALT	500	474	94.8
COPPER	500	519	103.8
IRON	200000	198544	99.3
MAGNESIUM	500000	518526	103.7
MANGANESE	504	513	101.8
NICKEL	1000	989	98.9
POTASSIUM	20000	20693	103.5
SILVER	200	225	112.5
SODIUM	20000	21571	107.9
VANADIUM	500	505	101.0
ZINC	1004	1011	100.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 06, 2006 01:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512651	102.5
BARIUM	0	0	
BERYLLIUM	0	1	
CADMIUM	0	4	
CALCIUM	500000	476470	95.3
COBALT	0	-6	
COPPER	0	-5	
IRON	200000	189241	94.6
MAGNESIUM	500000	493739	98.7
MANGANESE	4	4	
NICKEL	0	12	
POTASSIUM	0	149	
SILVER	0	6	
SODIUM	0	-248	
VANADIUM	0	1	
ZINC	4	-7	

SAMPLE: ICSAB

File: BWA05A Jan 06, 2006 01:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	531814	106.4
BARIUM	500	524	104.8
BERYLLIUM	500	487	97.4
CADMIUM	1000	1017	101.7
CALCIUM	500000	493606	98.7
COBALT	500	452	90.4
COPPER	500	500	100.0
IRON	200000	196399	98.2
MAGNESIUM	500000	511374	102.3
MANGANESE	504	492	97.6
NICKEL	1000	961	96.1
POTASSIUM	20000	21622	108.1
SILVER	200	219	109.5
SODIUM	20000	22054	110.3
VANADIUM	500	485	97.0
ZINC	1004	970	96.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA06A Jan 06, 2006 10:45

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	511338	102.3
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	-2	
CALCIUM	500000	505561	101.1
COBALT	0	-7	
COPPER	0	-4	
IRON	200000	196499	98.2
MAGNESIUM	500000	507709	101.5
MANGANESE	4	7	
NICKEL	0	-2	
POTASSIUM	0	-197	
SILVER	0	2	
VANADIUM	0	-5	
ZINC	4	-6	

SAMPLE: ICSAB

File: BWA06A Jan 06, 2006 10:51

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	506262	101.3
BARIUM	500	497	99.4
BERYLLIUM	500	472	94.4
CADMIUM	1000	986	98.6
CALCIUM	500000	501754	100.4
COBALT	500	463	92.6
COPPER	500	475	95.0
IRON	200000	194526	97.3
MAGNESIUM	500000	503119	100.6
MANGANESE	504	472	93.7
NICKEL	1000	917	91.7
POTASSIUM	20000	20438	102.2
SILVER	200	202	101.0
VANADIUM	500	475	95.0
ZINC	1004	952	94.8

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA06A Jan 06, 2006 15:59

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	523100	104.6
BARIUM	0	2	
BERYLLIUM	0	0	
CADMIUM	0	-4	
CALCIUM	500000	552630	110.5
COBALT	0	-7	
COPPER	0	-2	
IRON	200000	204998	102.5
MAGNESIUM	500000	540342	108.1
MANGANESE	4	7	
NICKEL	0	9	
POTASSIUM	0	315	
SILVER	0	4	
VANADIUM	0	-7	
ZINC	4	-8	

SAMPLE: ICSAB

File: BWA06A Jan 06, 2006 16:05

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	527514	105.5
BARIUM	500	531	106.2
BERYLLIUM	500	498	99.6
CADMIUM	1000	1050	105.0
CALCIUM	500000	556964	111.4
COBALT	500	483	96.6
COPPER	500	502	100.4
IRON	200000	206613	103.3
MAGNESIUM	500000	543234	108.6
MANGANESE	504	500	99.2
NICKEL	1000	981	98.1
POTASSIUM	20000	21381	106.9
SILVER	200	211	105.5
VANADIUM	500	501	100.2
ZINC	1004	1033	102.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA06A Jan 06, 2006 19:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	527364	105.5
BARIUM	0	2	
BERYLLIUM	0	1	
CADMIUM	0	0	
CALCIUM	500000	534182	106.8
COBALT	0	-5	
COPPER	0	-5	
IRON	200000	198751	99.4
MAGNESIUM	500000	529553	105.9
MANGANESE	4	5	
NICKEL	0	-9	
POTASSIUM	0	194	
SILVER	0	5	
VANADIUM	0	-8	
ZINC	4	-6	

SAMPLE: ICSAB

File: BWA06A Jan 06, 2006 19:20

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	536703	107.3
BARIUM	500	542	108.4
BERYLLIUM	500	497	99.4
CADMIUM	1000	1055	105.5
CALCIUM	500000	541635	108.3
COBALT	500	453	90.6
COPPER	500	507	101.4
IRON	200000	202282	101.1
MAGNESIUM	500000	538214	107.6
MANGANESE	504	501	99.4
NICKEL	1000	975	97.5
POTASSIUM	20000	20011	100.1
SILVER	200	215	107.5
VANADIUM	500	494	98.8
ZINC	1004	1031	102.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA09A Jan 09, 2006 13:05

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512351	102.5
CALCIUM	500000	502925	100.6
IRON	200000	195797	97.9
MAGNESIUM	500000	519795	104.0
SODIUM	0	-79	

SAMPLE: ICSAB

File: BWA09A Jan 09, 2006 13:11

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	510086	102.0
CALCIUM	500000	501497	100.3
IRON	200000	195566	97.8
MAGNESIUM	500000	519362	103.9
SODIUM	20000	20633	103.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA09A Jan 09, 2006 18:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	517503	103.5
CALCIUM	500000	529388	105.9
IRON	200000	201490	100.7
MAGNESIUM	500000	536026	107.2
SODIUM	0	134	

SAMPLE: ICSAB

File: BWA09A Jan 09, 2006 18:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	510684	102.1
CALCIUM	500000	520754	104.2
IRON	200000	199176	99.6
MAGNESIUM	500000	528617	105.7
SODIUM	20000	20933	104.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA09A Jan 09, 2006 21:36

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	529199	105.8
CALCIUM	500000	504987	101.0
IRON	200000	197581	98.8
MAGNESIUM	500000	529912	106.0
SODIUM	0	-44	

SAMPLE: ICSAB

File: BWA09A Jan 09, 2006 21:42

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	519300	103.9
CALCIUM	500000	495098	99.0
IRON	200000	195146	97.6
MAGNESIUM	500000	520065	104.0
SODIUM	20000	21011	105.1

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 3221GW0101S

Matrix: WATER | **SDG Name:** CTO367-4

Percent Solids: 0.00 | **Lab Sample ID:** WV6688-004P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	1.0420		-0.0100	U	1	104.2		75	125	CV

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 3221GW0101S

Matrix: WATER | **SDG Name:** CTO367-4

Percent Solids: 0.00 | **Lab Sample ID:** WV6688-004S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	1.1120		-0.0100	U	1	111.2		75	125	CV

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 46GW0301S

Matrix: WATER | **SDG Name:** CTO367-4

Percent Solids: 0.00 | **Lab Sample ID:** WV6766-005P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2788.3600		313.4800		2000	123.7		75	125	P
ANTIMONY, TOTAL	506.9400		-0.6500	U	500	101.4		75	125	P
ARSENIC, TOTAL	551.8800		2.2600	U	500	110.4		75	125	P
BARIUM, TOTAL	2207.2100		30.6000		2000	108.8		75	125	P
BERYLLIUM, TOTAL	52.4900		0.0400	U	50	105.0		75	125	P
CADMIUM, TOTAL	304.4500		0.8500	U	250	121.8		75	125	P
CALCIUM, TOTAL	15652.3500		12480.1600		2500	126.9	OK	75	125	P
CHROMIUM, TOTAL	198.6000		1.3200	I	200	98.6		75	125	P
COBALT, TOTAL	537.8900		-0.3900	U	500	107.6		75	125	P
COPPER, TOTAL	286.9400		4.6900	I	250	112.9		75	125	P
IRON, TOTAL	1290.9300		121.1800		1000	117.0		75	125	P
LEAD, TOTAL	552.2000		2.2700	I	500	110.0		75	125	P
MAGNESIUM, TOTAL	13361.3100		7417.5800		5000	118.9		75	125	P
MANGANESE, TOTAL	532.7600		0.8900	I	500	106.4		75	125	P
MERCURY, TOTAL	1.1350		0.1020	I	1	103.3		75	125	CV
NICKEL, TOTAL	555.4000		3.2100	U	500	111.1		75	125	P
POTASSIUM, TOTAL	14615.7100		3583.3400		10000	110.3		75	125	P
SELENIUM, TOTAL	541.2700		1.0100	U	500	108.3		75	125	P
SILVER, TOTAL	50.4000		-3.0400	U	50	100.8		75	125	P
SODIUM, TOTAL	54352.0500		44589.4400		7500	130.2	OK	75	125	P
THALLIUM, TOTAL	545.5100		-3.6100	U	500	109.1		75	125	P
VANADIUM, TOTAL	548.6000		3.0800	U	500	109.7		75	125	P
ZINC, TOTAL	646.8300		80.6500		500	113.2		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0301S

Matrix: WATER **SDG Name:** CTO367-4

Percent Solids: 0.00 **Lab Sample ID:** WV6766-005S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2730.1000		313.4800		2000	120.8		75	125	P
ANTIMONY, TOTAL	495.4800		-0.6500	U	500	99.1		75	125	P
ARSENIC, TOTAL	536.6700		2.2600	U	500	107.3		75	125	P
BARIUM, TOTAL	2187.8400		30.6000		2000	107.9		75	125	P
BERYLLIUM, TOTAL	52.0000		0.0400	U	50	104.0		75	125	P
CADMIUM, TOTAL	300.0100		0.8500	U	250	120.0		75	125	P
CALCIUM, TOTAL	15240.9800		12480.1600		2500	110.4		75	125	P
CHROMIUM, TOTAL	195.9600		1.3200	I	200	97.3		75	125	P
COBALT, TOTAL	529.1700		-0.3900	U	500	105.8		75	125	P
COPPER, TOTAL	268.3800		4.6900	I	250	105.5		75	125	P
IRON, TOTAL	1270.8300		121.1800		1000	115.0		75	125	P
LEAD, TOTAL	539.1600		2.2700	I	500	107.4		75	125	P
MAGNESIUM, TOTAL	13096.3000		7417.5800		5000	113.6		75	125	P
MANGANESE, TOTAL	527.9500		0.8900	I	500	105.4		75	125	P
MERCURY, TOTAL	1.1850		0.1020	I	1	108.3		75	125	CV
NICKEL, TOTAL	538.3300		3.2100	U	500	107.7		75	125	P
POTASSIUM, TOTAL	13598.0000		3583.3400		10000	100.1		75	125	P
SELENIUM, TOTAL	528.6800		1.0100	U	500	105.7		75	125	P
SILVER, TOTAL	46.8400		-3.0400	U	50	93.7		75	125	P
SODIUM, TOTAL	53080.5000		44589.4400		7500	113.2		75	125	P
THALLIUM, TOTAL	537.6300		-3.6100	U	500	107.5		75	125	P
VANADIUM, TOTAL	542.5900		3.0800	U	500	108.5		75	125	P
ZINC, TOTAL	632.5500		80.6500		500	110.4		75	125	P

Comments:

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0301L

Matrix: WATER **SDG Name:** CTO367-4

Lab Sample ID: WV6766-005L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, TOTAL	313.48		269.17	I	14.1	J	P
ANTIMONY, TOTAL	-0.65	U	-11.73	U			P
ARSENIC, TOTAL	2.26	U	-0.78	U			P
BARIUM, TOTAL	30.60		27.81		9.1		P
BERYLLIUM, TOTAL	0.04	U	0.01	U			P
CADMIUM, TOTAL	0.85	U	-3.32	U			P
CALCIUM, TOTAL	12480.16		12104.47		3.0		P
CHROMIUM, TOTAL	1.32	I	0.03	U	100.0		P
COBALT, TOTAL	-0.39	U	-0.65	U			P
COPPER, TOTAL	4.69	I	-2.54	U	100.0		P
IRON, TOTAL	121.18		123.58	I	2.0		P
LEAD, TOTAL	2.27	I	1.96	U	100.0		P
MAGNESIUM, TOTAL	7417.58		7205.17		2.9		P
MANGANESE, TOTAL	0.89	I	2.24	U	100.0		P
NICKEL, TOTAL	3.21	U	2.31	U			P
POTASSIUM, TOTAL	3583.34		4083.07	I	13.9		P
SELENIUM, TOTAL	1.01	U	-6.96	U			P
SILVER, TOTAL	-3.04	U	-24.50	U			P
SODIUM, TOTAL	44589.44		42340.28		5.0		P
THALLIUM, TOTAL	-3.61	U	2.13	U			P
VANADIUM, TOTAL	3.08	U	-4.85	U			P
ZINC, TOTAL	80.65		91.93	I	14.0	OK	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ANTIMONY	8.0	4.11	P
ARSENIC	8.0	3.45	P
CHROMIUM	15	1.01	P
LEAD	5.0	1.65	P
SELENIUM	10	3.59	P
THALLIUM	15	6.13	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	2.73	P
BARIUM	5.0	1.17	P
BERYLLIUM	5.0	0.29	P
CADMIUM	10	4.36	P
CALCIUM	50	21.40	P
COBALT	30	3.05	P
COPPER	25	2.86	P
IRON	100	3.79	P
MAGNESIUM	50	26.00	P
MANGANESE	5.0	0.70	P
NICKEL	40	11.70	P
POTASSIUM	2000	420.00	P
SILVER	15	4.40	P
SODIUM	1000	33.80	P
VANADIUM	25	4.88	P
ZINC	25	1.74	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.02	CV

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/2004

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
ANTIMONY	15.00	20000	P
ARSENIC	15.00	20000	P
BARIUM	15.00	20000	P
BERYLLIUM	15.00	20000	P
CADMIUM	15.00	20000	P
CALCIUM	15.00	500000	P
CHROMIUM	15.00	20000	P
COBALT	15.00	20000	P
COPPER	15.00	10000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P
MANGANESE	15.00	20000	P
NICKEL	15.00	20000	P
POTASSIUM	15.00	30000	P
SELENIUM	15.00	20000	P
SILVER	15.00	2500	P
SODIUM	15.00	200000	P
THALLIUM	15.00	20000	P
VANADIUM	15.00	20000	P
ZINC	15.00	10000	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/27/2004

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	8.00	500000	P
ANTIMONY	8.00	20000	P
ARSENIC	8.00	20000	P
BARIUM	8.00	20000	P
BERYLLIUM	8.00	20000	P
CADMIUM	8.00	20000	P
CALCIUM	8.00	500000	P
CHROMIUM	8.00	20000	P
COBALT	8.00	20000	P
COPPER	8.00	20000	P
IRON	8.00	200000	P
LEAD	8.00	20000	P
MAGNESIUM	8.00	500000	P
MANGANESE	8.00	20000	P
NICKEL	8.00	10000	P
POTASSIUM	8.00	500000	P
SELENIUM	8.00	10000	P
SILVER	8.00	1000	P
SODIUM	8.00	500000	P
VANADIUM	8.00	20000	P
ZINC	8.00	20000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL30ICW1

Matrix: WATER **SDG Name:** CTO367-4

Method: P **Prep Date:** 12/30/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVL30ICW1	LCSWVL30ICW1	0.05	0.05
PBWVL30ICW1	PBWVL30ICW1	0.05	0.05
3221GW0201	WV6688-001	0.05	0.05
44RB1214	WV6688-002	0.05	0.05
3221GW0301	WV6688-003	0.05	0.05
3221GW0101	WV6688-004	0.05	0.05
46GW1101	WV6701-001	0.05	0.05
46GW1201	WV6701-002	0.05	0.05
46GW0901	WV6701-003	0.05	0.05
46GW1001	WV6701-004	0.05	0.05
46RB1217	WV6701-005	0.05	0.05
46GW1301	WV6701-007	0.05	0.05
46GW1401	WV6701-008	0.05	0.05
46GW1401D	WV6701-009	0.05	0.05
46GW1501	WV6701-010	0.05	0.05
46GW1601	WV6701-011	0.05	0.05
46GW0101	WV6766-001	0.05	0.05
46GW0201	WV6766-002	0.05	0.05
46GW0801	WV6766-003	0.05	0.05
46GW0701	WV6766-004	0.05	0.05
46GW0301	WV6766-005	0.05	0.05
46GW0301P	WV6766-005P	0.05	0.05
46GW0301S	WV6766-005S	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03HGW1

Matrix: WATER **SDG Name:** CTO367-4

Method: CV **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03HGW1	LCSWWA03HGW1	0.025	0.025
PBWWA03HGW1	PBWWA03HGW1	0.025	0.025
3221GW0201	WV6688-001	0.025	0.025
44RB1214	WV6688-002	0.025	0.025
3221GW0301	WV6688-003	0.025	0.025
3221GW0101	WV6688-004	0.025	0.025
3221GW0101P	WV6688-004P	0.025	0.025
3221GW0101S	WV6688-004S	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA04HGW0

Matrix: WATER **SDG Name:** CTO367-4

Method: CV **Prep Date:** 01/04/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA04HGW0	LCSWWA04HGW0	0.025	0.025
PBWWA04HGW0	PBWWA04HGW0	0.025	0.025
46GW1101	WV6701-001	0.025	0.025
46GW1201	WV6701-002	0.025	0.025
46GW0901	WV6701-003	0.025	0.025
46GW1001	WV6701-004	0.025	0.025
46RB1217	WV6701-005	0.025	0.025
46GW1301	WV6701-007	0.025	0.025
46GW1401	WV6701-008	0.025	0.025
46GW1401D	WV6701-009	0.025	0.025
46GW1501	WV6701-010	0.025	0.025
46GW1601	WV6701-011	0.025	0.025
46GW0101	WV6766-001	0.025	0.025
46GW0201	WV6766-002	0.025	0.025
46GW0801	WV6766-003	0.025	0.025
46GW0701	WV6766-004	0.025	0.025
46GW0301	WV6766-005	0.025	0.025
46GW0301P	WV6766-005P	0.025	0.025
46GW0301S	WV6766-005S	0.025	0.025

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/9/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	14:32	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
S1		1	14:38	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
AL IEC		1	14:48	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
FE IEC		1	14:55	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
MN IEC		1	15:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
IEC		1	15:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICV		1	15:32	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICB		1	15:39	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
PQL		1	15:46	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
0.1PPM CA,MG		1	15:52	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CRI		1	15:59	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	16:06	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	16:12	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	16:19	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	16:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	16:32					
ZZZZZZ		1	16:39					
ZZZZZZ		1	16:50					
ZZZZZZ		1	16:57					
ZZZZZZ		1	17:04					
ZZZZZZ		1	17:10					
ZZZZZZ		1	17:17					
ZZZZZZ		1	17:23					
ZZZZZZ		1	17:30					
CCV		1	17:37	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	17:43	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	17:50					
ZZZZZZ		5	17:57					
ZZZZZZ		1	18:03					
ZZZZZZ		1	18:10					
ZZZZZZ		1	18:17					
ZZZZZZ		1	18:23					
ZZZZZZ		1	18:30					
ZZZZZZ		1	18:37					
ZZZZZZ		1	18:43					
ZZZZZZ		1	18:50					
CCV		1	18:57	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	19:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	19:10					
ZZZZZZ		1	19:17					
ZZZZZZ		1	19:23					
ZZZZZZ		1	19:30					
ZZZZZZ		1	19:36					
ZZZZZZ		1	19:43					
ZZZZZZ		1	19:50					
CRI		1	19:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	20:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	20:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	20:16	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	20:23	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/9/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ZZZZZZ		1	20:30					
ZZZZZZ		1	20:36					
ZZZZZZ		5	20:43					
ZZZZZZ		1	20:50					
ZZZZZZ		1	20:56					
ZZZZZZ		1	21:03					
ZZZZZZ		1	21:10					
ZZZZZZ		1	21:16					
ZZZZZZ		1	21:23					
ZZZZZZ		1	21:30					
CCV		1	21:36	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	21:43	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
LCSWVL30ICW1		1	21:50	Sb As	Cr	Pb	Se	Tl
PBWVL30ICW1		1	21:56	Sb As	Cr	Pb	Se	Tl
WV6688-001	3221GW0201	1	22:03	Sb As	Cr	Pb	Se	Tl
WV6688-002	44RB1214	1	22:10	Sb As	Cr	Pb	Se	Tl
WV6688-003	3221GW0301	1	22:16	Sb As	Cr	Pb	Se	Tl
WV6688-004	3221GW0101	1	22:23	Sb As	Cr	Pb	Se	Tl
WV6701-001	46GW1101	1	22:29	Sb As	Cr	Pb	Se	Tl
WV6701-002	46GW1201	1	22:36	Sb As	Cr	Pb	Se	Tl
WV6701-003	46GW0901	1	22:43	Sb As	Cr	Pb	Se	Tl
WV6701-004	46GW1001	1	22:49	Sb As	Cr	Pb	Se	Tl
CCV		1	22:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	23:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
WV6701-005	46RB1217	1	23:09	Sb As	Cr	Pb	Se	Tl
WV6701-007	46GW1301	1	23:16	Sb As	Cr	Pb	Se	Tl
WV6701-008	46GW1401	1	23:23	Sb As	Cr	Pb	Se	Tl
WV6701-009	46GW1401D	1	23:29	Sb As	Cr	Pb	Se	Tl
WV6701-010	46GW1501	1	23:36	Sb As	Cr	Pb	Se	Tl
WV6701-011	46GW1601	1	23:43	Sb As	Cr	Pb	Se	Tl
WV6766-001	46GW0101	1	23:49	Sb As	Cr	Pb	Se	Tl
CRI		1	23:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	0:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	0:09	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	0:16	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	0:23	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
WV6766-002	46GW0201	1	0:29	Sb As	Cr	Pb	Se	Tl
WV6766-003	46GW0801	1	0:36	Sb As	Cr	Pb	Se	Tl
WV6766-004	46GW0701	1	0:43	Sb As	Cr	Pb	Se	Tl
WV6766-005	46GW0301	1	0:49	Sb As	Cr	Pb	Se	Tl
WV6766-005L	46GW0301L	5	0:56	Sb As	Cr	Pb	Se	Tl
WV6766-005P	46GW0301P	1	1:03	Sb As	Cr	Pb	Se	Tl
WV6766-005S	46GW0301S	1	1:09	Sb As	Cr	Pb	Se	Tl
ZZZZZZ		1	1:16					
ZZZZZZ		1	1:23					
ZZZZZZ		1	1:29					
CCV		1	1:36	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	1:43	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	1:49					
ZZZZZZ		5	1:56					
ZZZZZZ		1	2:03					

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/10/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ZZZZZZ		1	2:09					
ZZZZZZ		1	2:16					
ZZZZZZ		1	2:23					
ZZZZZZ		1	2:29					
ZZZZZZ		1	2:36					
ZZZZZZ		1	2:43					
ZZZZZZ		1	2:49					
CCV		1	2:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	3:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ZZZZZZ		1	3:09					
ZZZZZZ		1	3:16					
ZZZZZZ		1	3:23					
ZZZZZZ		1	3:29					
ZZZZZZ		1	3:36					
ZZZZZZ		1	3:43					
ZZZZZZ		1	3:49					
CRI		1	3:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSA		1	4:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
ICSAB		1	4:09	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCV		1	4:16	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl
CCB		1	4:23	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements
S0		1	11:59	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
S1		1	12:05	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
AL IEC		1	12:10	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
FE IEC		1	12:19	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICV		1	12:28	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICB		1	12:34	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
PQL		1	12:40	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
0.1 PPM CA,MG		1	12:45	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CRI		1	12:51	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICSA		1	12:57	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICSAB		1	13:03	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCV		1	13:09	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCB		1	13:19	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ZZZZZZ		5	13:25	
ZZZZZZ		1	13:30	
ZZZZZZ		1	13:36	
ZZZZZZ		1	13:42	
ZZZZZZ		1	13:48	
ZZZZZZ		1	13:54	
ZZZZZZ		1	14:00	
ZZZZZZ		1	14:06	
ZZZZZZ		1	14:12	
CCV		1	14:18	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCB		1	14:24	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ZZZZZZ		1	14:29	
ZZZZZZ		1	14:35	
ZZZZZZ		1	14:41	
ZZZZZZ		1	14:47	
ZZZZZZ		1	14:53	
ZZZZZZ		1	14:59	
ZZZZZZ		1	15:05	
CRI		1	15:11	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICSA		1	15:17	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ICSAB		1	15:23	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCV		1	15:29	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCB		1	15:34	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ZZZZZZ		1	15:40	
ZZZZZZ		1	15:46	
ZZZZZZ		5	15:52	
ZZZZZZ		1	15:58	
ZZZZZZ		1	16:04	
ZZZZZZ		1	16:10	
ZZZZZZ		1	16:16	
ZZZZZZ		1	16:22	
ZZZZZZ		1	16:28	
CCV		1	16:34	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
CCB		1	16:39	Al Ba Be Cd Ca Co Cu Fe Mg Mn Ni K Ag Na V Zn
ZZZZZZ		1	16:45	
ZZZZZZ		1	16:51	
ZZZZZZ		1	16:57	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
ZZZZZZ		5	17:03										
ZZZZZZ		1	17:09										
ZZZZZZ		1	17:15										
ZZZZZZ		1	17:21										
ZZZZZZ		1	17:27										
ZZZZZZ		1	17:33										
ZZZZZZ		1	17:38										
CCV		1	17:44	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	17:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	17:56										
ZZZZZZ		1	18:02										
ZZZZZZ		1	18:08										
LCSWVL30ICW1		1	18:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
PBWVL30ICW1		1	18:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6688-001	3221GW0201	1	18:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6688-002	44RB1214	1	18:32	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CRI		1	18:38	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSA		1	18:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSAB		1	18:49	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	18:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	19:01	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6688-003	3221GW0301	1	19:07	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6688-004	3221GW0101	1	19:13	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	19:19										
ZZZZZZ		1	19:25										
ZZZZZZ		1	19:31										
ZZZZZZ		1	19:37										
ZZZZZZ		1	19:42										
ZZZZZZ		1	19:48										
ZZZZZZ		1	19:54										
ZZZZZZ		1	20:00										
CCV		1	20:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	20:12	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	20:18										
ZZZZZZ		1	20:24										
ZZZZZZ		1	20:30										
ZZZZZZ		1	20:36										
ZZZZZZ		5	20:42										
ZZZZZZ		1	20:48										
ZZZZZZ		1	20:53										
ZZZZZZ		1	20:59										
ZZZZZZ		1	21:05										
ZZZZZZ		1	21:11										
CCV		1	21:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	21:23	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	21:29										
ZZZZZZ		1	21:35										
ZZZZZZ		1	21:41										
ZZZZZZ		1	21:47										
ZZZZZZ		1	21:53										
ZZZZZZ		1	21:59										

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
ZZZZZZ		1	22:04											
CRI		1	22:10	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSA		1	22:16	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSAB		1	22:22	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	22:28	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	22:34	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	22:40																
ZZZZZZ		1	22:46																
ZZZZZZ		1	22:52																
ZZZZZZ		1	22:58																
ZZZZZZ		1	23:04																
ZZZZZZ		1	23:09																
ZZZZZZ		1	23:15																
ZZZZZZ		1	23:21																
ZZZZZZ		1	23:27																
ZZZZZZ		1	23:33																
CCV		1	23:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	23:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-001	46GW1101	1	23:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-002	46GW1201	1	23:57	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-003	46GW0901	1	0:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-004	46GW1001	1	0:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-005	46RB1217	1	0:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-007	46GW1301	1	0:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-008	46GW1401	1	0:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-009	46GW1401D	1	0:32	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-010	46GW1501	1	0:38	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
WV6701-011	46GW1601	1	0:44	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	0:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	0:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CRI		1	1:02	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSA		1	1:08	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSAB		1	1:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	1:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	1:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA06A

Date: 1/6/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
S0		1	9:46	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
S1		1	9:52	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
AL IEC		1	9:58	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
FE IEC		1	10:07	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICV		1	10:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICB		1	10:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
PQL		1	10:27	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
0.1 PPM CA,MG		1	10:33	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CRI		1	10:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	10:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	10:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCV		1	11:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	11:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	12:50															
ZZZZZZ		1	12:56															
ZZZZZZ		1	13:02															
ZZZZZZ		5	13:08															
ZZZZZZ		1	13:13															
ZZZZZZ		1	13:19															
ZZZZZZ		1	13:25															
ZZZZZZ		1	13:31															
ZZZZZZ		1	13:37															
ZZZZZZ		1	13:43															
CCV		1	13:49	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	13:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	14:01															
ZZZZZZ		1	14:07															
ZZZZZZ		1	14:12															
ZZZZZZ		1	14:18															
ZZZZZZ		1	14:24															
ZZZZZZ		3	14:30															
ZZZZZZ		1	14:36															
ZZZZZZ		1	14:42															
ZZZZZZ		1	14:48															
ZZZZZZ		1	14:54															
CCV		1	15:00	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	15:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	15:12															
ZZZZZZ		1	15:17															
ZZZZZZ		1	15:23															
ZZZZZZ		1	15:29															
ZZZZZZ		1	15:35															
ZZZZZZ		1	15:41															
ZZZZZZ		1	15:47															
CRI		1	15:53	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	15:59	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	16:05	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCV		1	16:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	16:16	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-001	46GW0101	1	16:22	Al	Ba	Be	Cd		Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA06A

Date: 1/6/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
WV6766-002	46GW0201	1	16:28	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-003	46GW0801	1	16:34	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-004	46GW0701	1	16:40	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-005	46GW0301	1	16:46	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-005L	46GW0301L	5	16:52	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-005P	46GW0301P	1	16:58	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6766-005S	46GW0301S	1	17:04	Al	Ba	Be	Cd	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		5	17:10														
ZZZZZZ		2	17:15														
CCV		1	17:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	17:27	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	17:33														
ZZZZZZ		1	17:39														
ZZZZZZ		1	17:45														
ZZZZZZ		1	17:51														
ZZZZZZ		1	17:57														
ZZZZZZ		1	18:03														
ZZZZZZ		1	18:09														
ZZZZZZ		1	18:15														
ZZZZZZ		1	18:20														
CCV		1	18:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	18:32	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	18:38														
ZZZZZZ		1	18:44														
ZZZZZZ		1	18:50														
ZZZZZZ		1	18:56														
ZZZZZZ		1	19:02														
CRI		1	19:08	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	19:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	19:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCV		1	19:25	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	19:31	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA09A

Date: 1/9/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
S0		1	12:06 Al	Ca	Fe	Mg	Na
S1		1	12:12 Al	Ca	Fe	Mg	Na
AL IEC		1	12:18 Al	Ca	Fe	Mg	Na
FE IEC		1	12:27 Al	Ca	Fe	Mg	Na
ICV		1	12:35 Al	Ca	Fe	Mg	Na
ICB		1	12:41 Al	Ca	Fe	Mg	Na
PQL		1	12:47 Al	Ca	Fe	Mg	Na
0.1 PPM CA,MG		1	12:53 Al	Ca	Fe	Mg	Na
CRI		1	12:59 Al	Ca	Fe	Mg	Na
ICSA		1	13:05 Al	Ca	Fe	Mg	Na
ICSAB		1	13:11 Al	Ca	Fe	Mg	Na
CCV		1	13:17 Al	Ca	Fe	Mg	Na
CCB		1	13:23 Al	Ca	Fe	Mg	Na
ZZZZZZ		10	14:54				
ZZZZZZ		1	15:00				
ZZZZZZ		1	15:06				
ZZZZZZ		1	15:12				
ZZZZZZ		1	15:18				
ZZZZZZ		1	15:24				
ZZZZZZ		1	15:30				
ZZZZZZ		1	15:36				
ZZZZZZ		2	15:41				
ZZZZZZ		1	15:47				
CCV		1	15:53 Al	Ca	Fe	Mg	Na
CCB		1	15:59 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	16:05				
ZZZZZZ		1	16:11				
ZZZZZZ		1	16:17				
ZZZZZZ		1	16:23				
ZZZZZZ		1	16:29				
ZZZZZZ		1	16:35				
ZZZZZZ		1	16:41				
ZZZZZZ		1	16:46				
ZZZZZZ		1	16:52				
ZZZZZZ		1	16:58				
CCV		1	17:04 Al	Ca	Fe	Mg	Na
CCB		1	17:10 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	17:16				
ZZZZZZ		1	17:22				
ZZZZZZ		1	17:28				
ZZZZZZ		1	17:34				
ZZZZZZ		1	17:40				
ZZZZZZ		5	17:46				
ZZZZZZ		1	17:51				
CRI		1	17:57 Al	Ca	Fe	Mg	Na
ICSA		1	18:03 Al	Ca	Fe	Mg	Na
ICSAB		1	18:09 Al	Ca	Fe	Mg	Na
CCV		1	18:15 Al	Ca	Fe	Mg	Na
CCB		1	18:21 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	18:27				

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: TJA 61 ICP **File Name:** BWA09A

Date: 1/9/2006 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
ZZZZZZ		1	18:33				
ZZZZZZ		1	18:39				
ZZZZZZ		1	18:45				
ZZZZZZ		1	18:50				
ZZZZZZ		1	18:56				
ZZZZZZ		1	19:02				
ZZZZZZ		1	19:08				
ZZZZZZ		10	19:14				
WV6766-001	46GW0101	1	19:20	Ca			Na
CCV		1	19:26 Al	Ca	Fe	Mg	Na
CCB		1	19:32 Al	Ca	Fe	Mg	Na
WV6766-002	46GW0201	1	19:38	Ca			Na
WV6766-003	46GW0801	1	19:44	Ca			Na
WV6766-004	46GW0701	1	19:50	Ca			Na
WV6766-005	46GW0301	1	19:55	Ca			Na
WV6766-005L	46GW0301L	5	20:01	Ca			Na
WV6766-005P	46GW0301P	1	20:07	Ca			Na
WV6766-005S	46GW0301S	1	20:13	Ca			Na
ZZZZZZ		3	20:19				
ZZZZZZ		1	20:25				
ZZZZZZ		1	20:31				
CCV		1	20:37 Al	Ca	Fe	Mg	Na
CCB		1	20:43 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	20:49				
ZZZZZZ		1	20:55				
ZZZZZZ		1	21:00				
ZZZZZZ		1	21:06				
ZZZZZZ		2	21:12				
ZZZZZZ		1	21:18				
ZZZZZZ		1	21:24				
CRI		1	21:30 Al	Ca	Fe	Mg	Na
ICSA		1	21:36 Al	Ca	Fe	Mg	Na
ICSAB		1	21:42 Al	Ca	Fe	Mg	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	15:54	Hg
Standard #1 (0.2 p		1	15:56	Hg
Standard #2 (0.5 p		1	15:58	Hg
Standard #3 (1.0 p		1	16:00	Hg
Standard #4 (5.0 p		1	16:02	Hg
Standard #5 (10.0		1	16:04	Hg
ICV		1	16:07	HG
ICB		1	16:09	HG
CRA		1	16:11	HG
ZZZZZZ		1	16:13	
ZZZZZZ		1	16:15	
ZZZZZZ		1	16:17	
ZZZZZZ		1	16:19	
ZZZZZZ		1	16:21	
ZZZZZZ		1	16:23	
ZZZZZZ		1	16:26	
ZZZZZZ		1	16:28	
ZZZZZZ		1	16:30	
CCV		1	16:32	HG
CCB		1	16:34	HG
ZZZZZZ		1	16:36	
ZZZZZZ		1	16:38	
ZZZZZZ		1	16:40	
ZZZZZZ		1	16:43	
ZZZZZZ		1	16:45	
ZZZZZZ		1	16:47	
ZZZZZZ		1	16:49	
ZZZZZZ		1	16:51	
ZZZZZZ		1	16:53	
ZZZZZZ		1	16:55	
CCV		1	16:57	HG
CCB		1	17:00	HG
ZZZZZZ		1	17:02	
ZZZZZZ		1	17:04	
ZZZZZZ		1	17:06	
ZZZZZZ		1	17:08	
ZZZZZZ		1	17:10	
LCSWWA03HGW1		1	17:12	HG
PBWWA03HGW1		1	17:15	HG
ZZZZZZ		1	17:17	
ZZZZZZ		1	17:19	
ZZZZZZ		1	17:21	
CCV		1	17:23	HG
CCB		1	17:25	HG
ZZZZZZ		1	17:27	
ZZZZZZ		1	17:30	
ZZZZZZ		1	17:32	
ZZZZZZ		1	17:34	
ZZZZZZ		1	17:36	
ZZZZZZ		1	17:38	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	17:40	
WV6688-001	3221GW0201	1	17:42	HG
WV6688-002	44RB1214	1	17:45	HG
WV6688-003	3221GW0301	1	17:47	HG
CCV		1	17:49	HG
CCB		1	17:51	HG
WV6688-004	3221GW0101	1	17:53	HG
WV6688-004S	3221GW0101S	1	17:55	HG
WV6688-004P	3221GW0101P	1	17:57	HG
ZZZZZZ		1	18:00	
ZZZZZZ		1	18:02	
ZZZZZZ		1	18:04	
ZZZZZZ		1	18:06	
CCV		1	18:08	HG
CCB		1	8:05	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-4

Instrument ID: CETAC M6100 **File Name:** HWA04B

Date: 1/4/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	13:44	Hg
Standard #1 (0.2 p		1	13:46	Hg
Standard #2 (0.5 p		1	13:48	Hg
Standard #3 (1.0 p		1	13:50	Hg
Standard #4 (5.0 p		1	13:52	Hg
Standard #5 (10.0		1	13:54	Hg
ICV		1	13:56	HG
ICB		1	13:58	HG
CRA		1	14:01	HG
LCSWWA04HGW0		1	14:03	HG
PBWWA04HGW0		1	14:05	HG
WV6701-001	46GW1101	1	14:07	HG
WV6701-002	46GW1201	1	14:09	HG
WV6701-003	46GW0901	1	14:11	HG
WV6701-004	46GW1001	1	14:13	HG
WV6701-005	46RB1217	1	14:15	HG
WV6701-007	46GW1301	1	14:18	HG
WV6701-008	46GW1401	1	14:20	HG
CCV		1	14:22	HG
CCB		1	14:24	HG
WV6701-009	46GW1401D	1	14:26	HG
WV6701-010	46GW1501	1	14:28	HG
WV6701-011	46GW1601	1	14:30	HG
WV6766-001	46GW0101	1	14:32	HG
WV6766-002	46GW0201	1	14:35	HG
WV6766-003	46GW0801	1	14:37	HG
WV6766-004	46GW0701	1	14:39	HG
WV6766-005	46GW0301	1	14:41	HG
WV6766-005S	46GW0301S	1	14:43	HG
WV6766-005P	46GW0301P	1	14:45	HG
CCV		1	14:47	HG
CCB		1	14:49	HG

NAS PENSACOLA
WATER DATA
CTO367-4

FRACTION	CHEMICAL	46GW1401	UNITS	46GW1401D	RPD	D
M	ALUMINUM	589 J	UG/L	576 J	2.23	13.00
M	BARIUM	33	UG/L	32.6	1.22	0.40
M	CALCIUM	18400	UG/L	17400	5.59	1000.00
M	CHROMIUM	26.4	UG/L	10 I	90.11	16.40
M	COPPER	10.5 I	UG/L	10.4 I	0.96	0.10
M	IRON	7770	UG/L	7020	10.14	750.00
M	MAGNESIUM	11300	UG/L	11100	1.79	200.00
M	MANGANESE	70.6	UG/L	63	11.38	7.60
M	MERCURY	0.07 I	UG/L	0.07 I	0.00	0.00
M	NICKEL	17.8 I	UG/L	ND	NC	NC
M	POTASSIUM	18100	UG/L	18100	0.00	0.00
M	SODIUM	237000	UG/L	235000	0.85	2000.00
M	VANADIUM	12.5 I	UG/L	14.7 I	16.18	2.20
M	ZINC	10.8 IJ	UG/L	6.8 IJ	45.45	4.00

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00476	-.00043	.14215	-.00098	.00438	.01131	.01123
SDev	.00007	.00028	.00066	.00063	.00017	.00007	.00052
%RSD	1.4727	65.413	.46332	64.176	3.9017	.60552	4.5869
#1	.00481	-.00023	.14261	-.00053	.00450	.01136	.01087
#2	.00471	-.00063	.14168	-.00142	.00426	.01126	.01159

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.00681	.00107	.00327	-.00254	.00001	-.00381	.00160
SDev	.00009	.00003	.00057	.00227	.00170	.00256	.00134
%RSD	1.3760	2.5338	17.382	89.646	13436.	67.244	83.673
#1	.00688	.00105	.00287	-.00415	-.00119	-.00562	.00255
#2	.00674	.00109	.00367	-.00093	.00121	-.00200	.00065

Elem	2203/2	1960/1	1960/2
Units			
Avge	.00080	-.00100	.00540
SDev	.00071	.00173	.00001
%RSD	88.758	173.27	.22955
#1	.00030	-.00223	.00541
#2	.00130	.00023	.00540

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	32144	--	--	--	--	--	--
SDev	227.6884	--	--	--	--	--	--
%RSD	.7083387	--	--	--	--	--	--
#1	31983	--	--	--	--	--	--
#2	32305	--	--	--	--	--	--

Method: NONAK Sample Name: WV6701-010 Operator:
Run Time: 01/09/06 23:36:32 Sample: 46GW1501 Pb = 7.0 mg/L
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.34003	.00427	.11676	.00035	.27575	-.00016	56.072
SDev	.00948	.00128	.00082	.00010	.00219	.00003	.302
%RSD	2.7892	29.982	.70383	28.236	.79539	15.950	.53917
#1	.34673	.00336	.11734	.00028	.27730	-.00018	56.286
#2	.33332	.00517	.11618	.00042	.27420	-.00014	55.858

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00142	-.00020	.00311	.52129	34.187	.02308	.00225
SDev	.00083	.00003	.00018	.01323	.208	.00006	.00045
%RSD	58.571	17.632	5.8097	2.5378	.60740	.28277	20.186

0.00695 mg/L x 1000 = 6.95 ug/L ✓

#1	.00083	-.00017	.00323	.51193	34.334	.02313	.00193
#2	.00200	-.00022	.00298	.53064	34.040	.02303	.00257

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00123	-.00018	.32290	-.00153	.00042	.00300	.00294
SDev	.00039	.00008	.00190	.00020	.00026	.00144	.00014
%RSD	31.788	44.757	.58766	13.222	61.509	47.983	4.5902
#1	.00096	-.00023	.32424	-.00139	.00061	.00198	.00284
#2	.00151	-.00012	.32156	-.00168	.00024	.00401	.00303

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.01711	.00695	.00027	-.00038	-.00109	-.00003	.00654
SDev	.00033	.00103	.00094	.00026	.00122	.00022	.00062
%RSD	1.9170	14.837	347.67	67.856	112.31	842.83	9.4862
#1	.01734	.00768	-.00040	-.00056	-.00195	.00013	.00698
#2	.01688	.00622	.00094	-.00020	-.00022	-.00018	.00610

Elem	2203/2	1960/1	1960/2
Units			
Avge	.00716	-.00357	.00219
SDev	.00124	.00165	.00224
%RSD	17.278	46.109	102.04
#1	.00803	-.00241	.00061
#2	.00628	-.00474	.00377

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	31898	--	--	--	--	--	--
SDev	152.7351	--	--	--	--	--	--
%RSD	.4788233	--	--	--	--	--	--
#1	31790	--	--	--	--	--	--
#2	32006	--	--	--	--	--	--

Method: NONAK Sample Name: WV6701-011 Operator:
Run Time: 01/09/06 23:43:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	16.682	.00807	.03128	.00210	.44036	-.00045	12.020
SDev	.152	.00028	.00018	.00009	.00553	.00018	.108
%RSD	.91123	3.4065	.57840	4.3178	1.2554	38.952	.89839
#1	16.789	.00788	.03141	.00203	.44427	-.00057	12.096
#2	16.574	.00827	.03115	.00216	.43645	-.00033	11.943

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **FEBRUARY 23, 2006**

FROM: **ETHAN G. LEE** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – CTO367-5

SAMPLES: 17/AQUEOUS/

18GW0201	18GW0401	45GW0401
45GW0501	45GW0601	45GW0701
45GW0801	45GW0801D	45GW0901
45GW1001	45GW1101	45GW1201
45GW1301	45RB1219	46GW0401
46GW0501	46GW0601	

Overview

The sample set for NAS Pensacola, CTO 367, SDG CTO367-5, consists of sixteen (16) aqueous environmental samples and one (1) rinse blank. One (1) field duplicate pair (45GW0801D / 45GW0801) is included in this SDG.

All samples were analyzed for target analyte list (TAL) metals. The samples were collected by Tetra Tech NUS on December 18-19, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A.

Metals analyses except mercury were conducted using Inductively Coupled Plasma (ICP) methodologies. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
• Calibration Analyses
• Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Matrix Spike Analyses
* • Laboratory Duplicate Precision
* • Laboratory Control Sample Analyses
* • ICP Serial Dilution Analyses
* • Field Duplicate Precision
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Calibration Analyses

The contract required detection limit (CRDL) run on 1/5/06 at 12:19 had a percent recovery (%R) >130% for mercury. The positive result reported for mercury <2X the CRDL in sample 45RB1219 was qualified as estimated (J).

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	181.87 ug/L	909.35 ug/L
Beryllium	0.66 ug/L	3.3 ug/L
Calcium	103.36 ug/L	516.80 ug/L
Cobalt	3.81 ug/L	19.1 ug/L
Copper	4.03 ug/L	20.2 ug/L
Iron	38.78 ug/L	193.9 ug/L
Magnesium	113.83 ug/L	569.15 ug/L
Manganese	1.72 ug/L	8.60 ug/L
Mercury[(1)]	0.172 ug/L	0.860 ug/L
Potassium	750.31 ug/L	3751.6 ug/L
Selenium	6.44 ug/L	32.2 ug/L
Sodium	379.36 ug/L	1896.8 ug/L
Thallium	7.38 ug/L	36.9 ug/L
Vanadium	6.55 ug/L	32.8 ug/L
Zinc	2.43 ug/L	12.2 ug/L

[(1)] Maximum concentration present in laboratory preparation blank.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results reported less than the action level for aluminum, beryllium, copper, iron, manganese, mercury, potassium, selenium, vanadium, and zinc were qualified as nondetected (U) due to laboratory blank contamination. The remaining analytes were not qualified because the results were either greater than the action level or they were nondetects. It should be noted that the rinse blank was not qualified for laboratory blank contamination.

Notes

The continuing calibration verification (CCV) standard run on 1/24/06 at 20:23 had a %R <90% for aluminum. No qualification action was required because no samples were associated with this standard.

The CRDL standards run on 1/5/06 at 16:54 and 23:27 had %Rs >130% for selenium. No qualification action was required because no samples were associated with these standards.

The matrix spike matrix spike duplicate had %Rs >125% for calcium and sodium. No qualification action was required because the initial sample concentrations were >4X the spike added.

A 3X dilution was performed for sodium in sample 45GW0701 because the concentration was above the linear range of the instrument.

Executive Summary

Laboratory Performance: Mercury was qualified due to calibration noncompliance. Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$ / ICP PDS Recovery Noncompliance
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	18GW0201	nsample	18GW0401	nsample	45GW0401
samp_date	12/19/2005	samp_date	12/19/2005	samp_date	12/19/2005
lab_id	WV6767-008	lab_id	WV6767-016	lab_id	WV6767-005
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	795	U	A
ANTIMONY	4.11	U	
ARSENIC	8.8		
BARIUM	144		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	38000		
CHROMIUM	2.2		
COBALT	3.05	U	
COPPER	44.6		
IRON	1000		
LEAD	45		
MAGNESIUM	11000		
MANGANESE	28.6		
MERCURY	0.22	U	A
NICKEL	11.7	U	
POTASSIUM	5980		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	169000		
THALLIUM	6.13	U	
VANADIUM	7.7	U	A
ZINC	330		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	109	U	A
ANTIMONY	4.11	U	
ARSENIC	9.2		
BARIUM	83.5		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	46400		
CHROMIUM	1.1		
COBALT	3.05	U	
COPPER	10.6	U	A
IRON	135	U	A
LEAD	10.6		
MAGNESIUM	13100		
MANGANESE	11.7		
MERCURY	6.6		
NICKEL	11.7	U	
POTASSIUM	6250		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	71900		
THALLIUM	6.13	U	
VANADIUM	9.9	U	A
ZINC	64.3		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	633	U	A
ANTIMONY	4.11	U	
ARSENIC	6.9		
BARIUM	194		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	42800		
CHROMIUM	3.1		
COBALT	3.05	U	
COPPER	123		
IRON	923		
LEAD	16.5		
MAGNESIUM	21500		
MANGANESE	72.2		
MERCURY	0.24	U	A
NICKEL	11.7	U	
POTASSIUM	7830		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	252000		
THALLIUM	6.13	U	
VANADIUM	10	U	A
ZINC	442		

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	45GW0501		nsample	45GW0601		nsample	45GW0701	
samp_date	12/19/2005		samp_date	12/19/2005		samp_date	12/19/2005	
lab_id	WV6767-007		lab_id	WV6767-010		lab_id	WV6767-011	
qc_type	NM		qc_type	NM		qc_type	NM	
units	UG/L		units	UG/L		units	UG/L	
Pct_Solids	0.0		Pct_Solids	0.0		Pct_Solids	0.0	
DUP_OF:			DUP_OF:			DUP_OF:		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2860		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	8.4		
BERYLLIUM	0.49	U	A
CADMIUM	4.36	U	
CALCIUM	11000		
CHROMIUM	26.7		
COBALT	3.05	U	
COPPER	10.3	U	A
IRON	1100		
LEAD	1.65	U	
MAGNESIUM	16100		
MANGANESE	33.8		
MERCURY	0.19	U	A
NICKEL	12.9		
POTASSIUM	18800		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	319000		
THALLIUM	6.13	U	
VANADIUM	35.6		
ZINC	6.2	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	583	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	14.5		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	7340		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	209		
LEAD	6.7		
MAGNESIUM	2080		
MANGANESE	2.8	U	A
MERCURY	0.1	U	A
NICKEL	11.7	U	
POTASSIUM	981	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	15800		
THALLIUM	6.13	U	
VANADIUM	6.5	U	A
ZINC	38.4		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1280		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	11.4		
BERYLLIUM	0.48	U	A
CADMIUM	4.36	U	
CALCIUM	14300		
CHROMIUM	76.6		
COBALT	3.05	U	
COPPER	14.5	U	A
IRON	712		
LEAD	1.65	U	
MAGNESIUM	23200		
MANGANESE	29.7		
MERCURY	0.1	U	A
NICKEL	14.4		
POTASSIUM	26100		
SELENIUM	5.2	U	A
SILVER	4.4	U	
SODIUM	507000		
THALLIUM	6.13	U	
VANADIUM	73.1		
ZINC	5.8	U	A

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	45GW0801	nsample	45GW0801D	nsample	45GW0901
samp_date	12/19/2005	samp_date	12/19/2005	samp_date	12/19/2005
lab_id	WV6767-017	lab_id	WV6767-018	lab_id	WV6767-019
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	45GW0801	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	239	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	42.1		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	19400		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	508		
LEAD	2.4		
MAGNESIUM	3860		
MANGANESE	13.7		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	2270	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	32300		
THALLIUM	6.13	U	
VANADIUM	7.6	U	A
ZINC	70.5		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	203	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	42.3		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	20000		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	434		
LEAD	2.1		
MAGNESIUM	3930		
MANGANESE	12.5		
MERCURY	0.04	U	A
NICKEL	11.7	U	
POTASSIUM	2690	U	A
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	32900		
THALLIUM	6.13	U	
VANADIUM	7.7	U	A
ZINC	66		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	14400		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	28		
BERYLLIUM	0.51	U	A
CADMIUM	4.36	U	
CALCIUM	33400		
CHROMIUM	12		
COBALT	3.05	U	
COPPER	12.1	U	A
IRON	1930		
LEAD	5.1		
MAGNESIUM	16800		
MANGANESE	20.1		
MERCURY	0.07	U	A
NICKEL	17		
POTASSIUM	11300		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	82700		
THALLIUM	6.13	U	
VANADIUM	20.8	U	A
ZINC	10.5	U	A

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	45GW1001	nsample	45GW1101	nsample	45GW1201
samp_date	12/19/2005	samp_date	12/19/2005	samp_date	12/19/2005
lab_id	WV6767-014	lab_id	WV6767-015	lab_id	WV6767-012
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	22	U	
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	50.9		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	47900		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	408		
LEAD	1.65	U	
MAGNESIUM	11900		
MANGANESE	19.4		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	6330		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	94400		
THALLIUM	6.13	U	
VANADIUM	7.7	U	A
ZINC	14.4		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4330		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	4.3		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	20500		
CHROMIUM	11.2		
COBALT	3.05	U	
COPPER	14.2	U	A
IRON	796		
LEAD	2.7		
MAGNESIUM	15300		
MANGANESE	41.1		
MERCURY	0.06	U	A
NICKEL	11.7	U	
POTASSIUM	11700		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	123000		
THALLIUM	6.13	U	
VANADIUM	16.3	U	A
ZINC	6.1	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	199	U	A
ANTIMONY	4.11	U	
ARSENIC	4.4		
BARIUM	55.4		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	34800		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	6.5	U	A
IRON	123	U	A
LEAD	1.65	U	
MAGNESIUM	7740		
MANGANESE	6.8	U	A
MERCURY	0.06	U	A
NICKEL	11.7	U	
POTASSIUM	4800		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	52600		
THALLIUM	6.13	U	
VANADIUM	6.5	U	A
ZINC	85.8		

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	45GW1301	nsample	45RB1219	nsample	46GW0401
samp_date	12/19/2005	samp_date	12/19/2005	samp_date	12/18/2005
lab_id	WV6767-013	lab_id	WV6767-009	lab_id	WV6767-001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	15500		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	6.9		
BERYLLIUM	0.95	U	A
CADMIUM	4.36	U	
CALCIUM	23200		
CHROMIUM	27.2		
COBALT	3.05	U	
COPPER	17.7	U	A
IRON	1990		
LEAD	4.1		
MAGNESIUM	16200		
MANGANESE	48.3		
MERCURY	0.04	U	A
NICKEL	13.6		
POTASSIUM	12600		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	146000		
THALLIUM	6.13	U	
VANADIUM	48.4		
ZINC	7.6	U	A

Parameter	Result	Val Qual	Qual Code
ALUMINUM	22	U	
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	1.17	U	
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	49.7		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	2.86	U	
IRON	3.79	U	
LEAD	1.65	U	
MAGNESIUM	26	U	
MANGANESE	0.7	U	
MERCURY	0.06	J	C
NICKEL	11.7	U	
POTASSIUM	420	U	
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	5630		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	1.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	3920		
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	4.9		
BERYLLIUM	0.43	U	A
CADMIUM	4.36	U	
CALCIUM	18100		
CHROMIUM	10.2		
COBALT	3.05	U	
COPPER	10.8	U	A
IRON	2400		
LEAD	1.7		
MAGNESIUM	13900		
MANGANESE	34.2		
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	10100		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	110000		
THALLIUM	6.13	U	
VANADIUM	24.1	U	A
ZINC	5.7	U	A

PROJ_NO: 00007

SDG: CTO367-5 MEDIA: WATER DATA FRACTION: M

nsample	46GW0501
samp_date	12/18/2005
lab_id	WV6767-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	146	U	A
ANTIMONY	4.11	U	
ARSENIC	7.5		
BARIUM	45.1		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	22900		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	6.6	U	A
IRON	51.8	U	A
LEAD	2.6		
MAGNESIUM	6160		
MANGANESE	0.7	U	
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	4010		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	30800		
THALLIUM	6.13	U	
VANADIUM	5.5	U	A
ZINC	31.2		

nsample	46GW0601
samp_date	12/18/2005
lab_id	WV6767-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	43.8	U	A
ANTIMONY	4.11	U	
ARSENIC	3.45	U	
BARIUM	90.3		
BERYLLIUM	0.29	U	
CADMIUM	4.36	U	
CALCIUM	40100		
CHROMIUM	1.01	U	
COBALT	3.05	U	
COPPER	14.2	U	A
IRON	8.7	U	A
LEAD	1.8		
MAGNESIUM	11100		
MANGANESE	7.9	U	A
MERCURY	0.02	U	
NICKEL	11.7	U	
POTASSIUM	9300		
SELENIUM	3.59	U	
SILVER	4.4	U	
SODIUM	95500		
THALLIUM	6.13	U	
VANADIUM	4.88	U	
ZINC	156		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 18GW0201

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	795			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	8.8			P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	144			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	38000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	2.2	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	44.6			P	1	25	2.86
7439-89-6	IRON, TOTAL	1000			P	1	100	3.79
7439-92-1	LEAD, TOTAL	45.0			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11000			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	28.6			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.22			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	5980			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	169000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.7	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	330			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 18GW0401

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	109	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	9.2			P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	83.5			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	46400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.1	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.6	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	135			P	1	100	3.79
7439-92-1	LEAD, TOTAL	10.6			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	13100			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	11.7			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	6.6			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	6250			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	71900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	9.9	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	64.3			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0401

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	633			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	6.9	I		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	194			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	42800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	3.1	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	123			P	1	25	2.86
7439-89-6	IRON, TOTAL	923			P	1	100	3.79
7439-92-1	LEAD, TOTAL	16.5			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	21500			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	72.2			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.24			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	7830			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	252000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	10	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	442			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0501

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2860			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	8.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.49	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	11000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	26.7			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.3	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1100			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	16100			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	33.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.19	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	12.9	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	18800			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	319000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	35.6			P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.2	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0601

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	583			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	14.5			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	7340			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	209			P	1	100	3.79
7439-92-1	LEAD, TOTAL	6.7			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	2080			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	2.8	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	981	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	15800			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	6.5	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	38.4			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0701

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1280			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	11.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.48	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	14300			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	76.6			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	14.5	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	712			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	23200			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	29.7			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	14.4	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	26100			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	5.2	I		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	507000			P	3	3000	101.40
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	73.1			P	1	25	4.88
7440-66-6	ZINC, TOTAL	5.8	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0801

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	239	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	42.1			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	19400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	508			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.4	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3860			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	13.7			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2270			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	32300			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.6	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	70.5			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0801D

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	203	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	42.3			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	20000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	434			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.1	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	3930			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	12.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2690			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	32900			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.7	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	66.0			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0901

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	14400			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	28.0			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.51	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	33400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	12.0	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	12.1	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1930			P	1	100	3.79
7439-92-1	LEAD, TOTAL	5.1			P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	16800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	20.1			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	17.0	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	11300			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	82700			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	20.8	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	10.5	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW1001

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	22.00	U		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	50.9			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	47900			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	408			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11900			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	19.4			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	6330			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	94400			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	7.7	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	14.4	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** . 45GW1101

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4330			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	4.3	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	20500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	11.2	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	14.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	796			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.7	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	15300			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	41.1			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	11700			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	123000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	16.3	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	6.1	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW1201

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	199	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	4.4	I		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	55.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	34800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	6.5	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	123			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	7740			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	6.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	4800			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	52600			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	6.5	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	85.8			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW1301

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	15500			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	6.9			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.95	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	23200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	27.2			P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	17.7	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	1990			P	1	100	3.79
7439-92-1	LEAD, TOTAL	4.1	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	16200			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	48.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	13.6	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	12600			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	146000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	48.4			P	1	25	4.88
7440-66-6	ZINC, TOTAL	7.6	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 45RB1219

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	22.00	U		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	1.17	U		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	49.7	I		P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	3.79	U		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.65	U		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	26.00	U		P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	5630			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	1.2	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0401

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	3920			P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	4.9	I		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.43	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	18100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	10.2	I		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.8	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	2400			P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.7	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	13900			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	34.2			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	10100			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	110000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	24.1	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	5.7	I		P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0501

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	146	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	7.5	I		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	45.1			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	22900			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	6.6	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	51.8	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.6	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	6160			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	4010			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	30800			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	5.5	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	31.2			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW0601

Matrix: WATER **SDG Name:** CTO367-5

Percent Solids: 0.00 **Lab Sample ID:** WV6767-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	43.8	I		P	1	300	22.00
7440-36-0	ANTIMONY, TOTAL	4.11	U		P	1	8.0	4.11
7440-38-2	ARSENIC, TOTAL	3.45	U		P	1	8.0	3.45
7440-39-3	BARIUM, TOTAL	90.3			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	40100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.01	U		P	1	15	1.01
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	14.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	8.7	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.8	I		P	1	5.0	1.65
7439-95-4	MAGNESIUM, TOTAL	11100			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	7.9			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	9300			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	3.59	U		P	1	10	3.59
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	95500			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	6.13	U		P	1	15	6.13
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	156			P	1	25	0.59

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG CTO367-5

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	18GW0401	WV6767-016	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	46GW0601	WV6767-003	NM	12/18/2005	1/5/2006	1/5/2006	18	0	18
HG	UG/L	46GW0501	WV6767-002	NM	12/18/2005	1/5/2006	1/5/2006	18	0	18
HG	UG/L	46GW0401	WV6767-001	NM	12/18/2005	1/5/2006	1/5/2006	18	0	18
HG	UG/L	45GW1301	WV6767-013	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	18GW0201	WV6767-008	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0401	WV6767-005	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0501	WV6767-007	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW1101	WV6767-015	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45RB1219	WV6767-009	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW1201	WV6767-012	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0601	WV6767-010	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW1001	WV6767-014	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0901	WV6767-019	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0801D	WV6767-018	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	45GW0801	WV6767-017	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
HG	UG/L	45GW0701	WV6767-011	NM	12/19/2005	1/5/2006	1/5/2006	17	0	17
M	UG/L	45GW0601	WV6767-010	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	18GW0201	WV6767-008	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	18GW0401	WV6767-016	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	18GW0401	WV6767-016	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0401	WV6767-005	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0401	WV6767-005	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0501	WV6767-007	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	18GW0201	WV6767-008	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW1001	WV6767-014	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	46GW0601	WV6767-003	NM	12/18/2005	1/3/2006	1/10/2006	16	7	23
M	UG/L	46GW0601	WV6767-003	NM	12/18/2005	1/3/2006	1/5/2006	16	2	18
M	UG/L	46GW0501	WV6767-002	NM	12/18/2005	1/3/2006	1/10/2006	16	7	23
M	UG/L	46GW0501	WV6767-002	NM	12/18/2005	1/3/2006	1/5/2006	16	2	18
M	UG/L	46GW0401	WV6767-001	NM	12/18/2005	1/3/2006	1/5/2006	16	2	18
M	UG/L	45RB1219	WV6767-009	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW1301	WV6767-013	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	45GW1301	WV6767-013	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW1201	WV6767-012	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW1201	WV6767-012	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0501	WV6767-007	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW1101	WV6767-015	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0601	WV6767-010	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW1001	WV6767-014	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0901	WV6767-019	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0901	WV6767-019	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0801D	WV6767-018	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0801D	WV6767-018	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0801	WV6767-017	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0801	WV6767-017	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45GW0701	WV6767-011	NM	12/19/2005	1/3/2006	1/24/2006	15	21	36
M	UG/L	45GW0701	WV6767-011	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW0701	WV6767-011	NM	12/19/2005	1/3/2006	1/5/2006	15	2	17
M	UG/L	45RB1219	WV6767-009	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22
M	UG/L	45GW1101	WV6767-015	NM	12/19/2005	1/3/2006	1/10/2006	15	7	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW0401	WV6767-001	NM	12/18/2005	1/3/2006	1/10/2006	16	7	23
OS	%	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	18GW0201	WV6767-8	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	45RB1219	WV6767-9	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	45GW1301	WV6767-13	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	45GW1201	WV6767-12	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	45GW1101	WV6767-15	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	45GW1001	WV6767-14	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	%	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	45GW0701	WV6767-11	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/26/2006	1/26/2006	38	0	38
OS	%	45GW0601RA	WV6767-10RA	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	45GW0601	WV6767-10	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	45GW0501	WV6767-7	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	%	45GW0401	WV6767-5	NM	12/19/2005	12/23/2005	1/23/2006	4	31	35
OS	%	18GW0401RE	WV6767-16RE	NM	12/19/2005	1/26/2006	1/26/2006	38	0	38

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	%	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/19/2006	4	28	32
OS	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	UG/L	45GW1301	WV6767-13	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	UG/L	45GW1101	WV6767-15	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	45GW0701	WV6767-11	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	UG/L	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/26/2006	1/26/2006	38	0	38
OS	UG/L	45GW0601RA	WV6767-10RA	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	45GW0501	WV6767-7	NM	12/19/2005	12/23/2005	1/24/2006	4	32	36
OS	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/23/2005	1/23/2006	4	31	35
OS	UG/L	18GW0401RE	WV6767-16RE	NM	12/19/2005	1/26/2006	1/26/2006	38	0	38
OS	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
OS	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/25/2006	4	33	37
EDB	%	45GW1201RA	WV6767-12RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	46GW0601	WV6767-3	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	%	46GW0501	WV6767-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	%	18GW0401RA	WV6767-16RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	46GW0401RE	WV6767-1RE	NM	12/18/2005	1/4/2006	1/5/2006	17	1	18
EDB	%	46GW0401RA	WV6767-1RA	NM	12/18/2005	12/28/2005	1/3/2006	10	6	16
EDB	%	45GW1301	WV6767-13	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	%	45GW1101RE	WV6767-15RE	NM	12/19/2005	1/4/2006	1/5/2006	16	1	17
EDB	%	45GW1101RA	WV6767-15RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW0601RA	WV6767-10RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45RB1219	WV6767-9	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	%	45GW0501RA	WV6767-7RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW1001RA	WV6767-14RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	%	18GW0201	WV6767-8	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	%	45GW0701RA	WV6767-11RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW0801DRA	WV6767-18RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW0801RA	WV6767-17RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW0901RA	WV6767-19RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	%	45GW0401RA	WV6767-5RA	NM	12/19/2005	12/28/2005	1/3/2006	9	6	15
EDB	UG/L	45GW1001RA	WV6767-14RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	45GW0401RA	WV6767-5RA	NM	12/19/2005	12/28/2005	1/3/2006	9	6	15
EDB	UG/L	46GW0401RE	WV6767-1RE	NM	12/18/2005	1/4/2006	1/5/2006	17	1	18
EDB	UG/L	46GW0401RA	WV6767-1RA	NM	12/18/2005	12/28/2005	1/3/2006	10	6	16
EDB	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	UG/L	45GW1301	WV6767-13	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	UG/L	45GW1201RA	WV6767-12RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	45GW1101RE	WV6767-15RE	NM	12/19/2005	1/4/2006	1/5/2006	16	1	17
EDB	UG/L	45GW1101RA	WV6767-15RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/28/2005	12/28/2005	9	0	9
EDB	UG/L	45GW0601RA	WV6767-10RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	UG/L	45GW0901RA	WV6767-19RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	18GW0401RA	WV6767-16RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
EDB	UG/L	45GW0501RA	WV6767-7RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	45GW0701RA	WV6767-11RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	45GW0801DRA	WV6767-18RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
EDB	UG/L	45GW0801RA	WV6767-17RA	NM	12/19/2005	12/28/2005	1/4/2006	9	7	16
OV	%	45GW1101	WV6767-15	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	46TB1218	WV6767-4	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	46GW0501	WV6767-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	46GW0401	WV6767-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	45TB1219	WV6767-6	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45RB1219	WV6767-9	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW1301RA	WV6767-13RA	NM	12/19/2005	12/30/2005	12/30/2005	11	0	11
OV	%	45GW1201	WV6767-12	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	46GW0601	WV6767-3	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	%	18GW0201	WV6767-8	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0901	WV6767-19	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	45GW0801D	WV6767-18	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0801	WV6767-17	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0701	WV6767-11	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0601	WV6767-10	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0501	WV6767-7	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW0401	WV6767-5	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	18GW0401	WV6767-16	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	%	45GW1001	WV6767-14	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW1301RA	WV6767-13RA	NM	12/19/2005	12/30/2005	12/30/2005	11	0	11
OV	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45TB1219	WV6767-6	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	45GW1101	WV6767-15	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW0701	WV6767-11	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW0501	WV6767-7	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
OV	UG/L	46TB1218	WV6767-4	NM	12/18/2005	12/28/2005	12/28/2005	10	0	10
OV	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/29/2005	12/29/2005	10	0	10
PAH	%	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW1301	WV6767-13	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	18GW0201	WV6767-8	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PAH	%	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24
PAH	%	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24
PAH	%	45RB1219	WV6767-9	NM	12/19/2005	12/23/2005	1/12/2006	4	20	24
PAH	%	45GW1201RA	WV6767-12RA	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW1201	WV6767-12	NM	12/19/2005	12/23/2005	1/13/2006	4	21	25
PAH	%	45GW1101	WV6767-15	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PAH	%	45GW0501	WV6767-7	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PAH	%	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24
PAH	%	45GW0401	WV6767-5	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PAH	%	45GW1001	WV6767-14	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW0601	WV6767-10	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW0701	WV6767-11	NM	12/19/2005	12/23/2005	1/13/2006	4	21	25
PAH	%	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	%	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/16/2006	4	24	28
PAH	UG/L	45GW1101	WV6767-15	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24
PAH	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24
PAH	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/23/2005	1/12/2006	4	20	24
PAH	UG/L	45GW1301	WV6767-13	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	45GW1201RA	WV6767-12RA	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/23/2005	1/13/2006	4	21	25
PAH	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/11/2006	4	20	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PAH	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PAH	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/16/2006	4	24	28
PAH	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	45GW0501	WV6767-7	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PAH	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	45GW0701	WV6767-11	NM	12/19/2005	12/23/2005	1/13/2006	4	21	25
PAH	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/14/2006	4	22	26
PAH	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/23/2005	1/11/2006	4	19	23
PCB	%	46GW0601	WV6767-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	%	45GW1301RA	WV6767-13RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	%	45GW1101RA	WV6767-15RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	%	45GW0901RE	WV6767-19RE	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	%	45GW1101RERA	WV6767-15RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	%	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	%	45GW1301RERA	WV6767-13RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	%	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	46GW0401	WV6767-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	46GW0501	WV6767-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	%	18GW0201RE	WV6767-8RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	%	45GW0901	WV6767-19	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	%	46GW0401RE	WV6767-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	%	45GW0501RA	WV6767-7RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	%	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	%	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	%	45GW0801RE	WV6767-17RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	%	18GW0401	WV6767-16	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	%	45GW0401RE	WV6767-5RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	%	45GW0501RERA	WV6767-7RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	%	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	%	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/17/2006	1/20/2006	29	3	32
PCB	%	45GW0701RA	WV6767-11RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	%	45GW0701RERA	WV6767-11RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	%	45GW0801	WV6767-17	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	%	45GW0801D	WV6767-18	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	45GW1301RERA	WV6767-13RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	UG/L	45GW1101RERA	WV6767-15RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	UG/L	45GW0901RE	WV6767-19RE	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	UG/L	45GW1101RA	WV6767-15RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	UG/L	45GW1301RA	WV6767-13RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	UG/L	46GW0401RE	WV6767-1RE	NM	12/18/2005	1/17/2006	1/20/2006	30	3	33
PCB	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	45GW0801RE	WV6767-17RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	18GW0201RE	WV6767-8RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/21/2005	1/11/2006	3	21	24
PCB	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	45GW0401RE	WV6767-5RE	NM	12/19/2005	1/18/2006	1/21/2006	30	3	33
PCB	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	UG/L	45GW0501RERA	WV6767-7RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/11/2006	3	20	23
PCB	UG/L	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/17/2006	1/20/2006	29	3	32
PCB	UG/L	45GW0701RA	WV6767-11RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PCB	UG/L	45GW0701RERA	WV6767-11RERA	NM	12/19/2005	1/17/2006	1/21/2006	29	4	33
PCB	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PCB	UG/L	45GW0501RA	WV6767-7RA	NM	12/19/2005	12/22/2005	1/23/2006	3	32	35
PEST	%	46GW0501	WV6767-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	45GW0901RE	WV6767-19RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW1101	WV6767-15	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW1101RE	WV6767-15RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW1301	WV6767-13	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW1301RE	WV6767-13RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	46GW0601	WV6767-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	46GW0401	WV6767-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	%	45GW0801	WV6767-17	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	%	45GW0501	WV6767-7	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	%	45GW0901	WV6767-19	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW0801D	WV6767-18	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	%	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	%	45GW0501RE	WV6767-7RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	45GW0701	WV6767-11	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	%	45GW0701RE	WV6767-11RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	%	18GW0401	WV6767-16	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW1101RE	WV6767-15RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	45GW0901RE	WV6767-19RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	45GW1101	WV6767-15	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW1301	WV6767-13	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW1301RE	WV6767-13RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/21/2005	1/12/2006	3	22	25
PEST	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	UG/L	45GW0501	WV6767-7	NM	12/19/2005	12/22/2005	1/12/2006	3	21	24
PEST	UG/L	45GW0501RE	WV6767-7RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25
PEST	UG/L	45GW0601RE	WV6767-10RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
PEST	UG/L	45GW0701	WV6767-11	NM	12/19/2005	12/22/2005	1/13/2006	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	45GW0701RE	WV6767-11RE	NM	12/19/2005	1/17/2006	1/19/2006	29	2	31
TPH	%	45GW1101	WV6767-15	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	%	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/13/2006	4	22	26
TPH	%	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	%	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/14/2006	4	23	27
TPH	%	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	%	45GW0701	WV6767-11	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0501	WV6767-7	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	%	45GW1301	WV6767-13	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	%	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	UG/L	45GW1101	WV6767-15	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	45GW1201	WV6767-12	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	45GW1301	WV6767-13	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	45RB1219	WV6767-9	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	45GW1001	WV6767-14	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	46GW0501	WV6767-2	NM	12/18/2005	12/22/2005	1/13/2006	4	22	26
TPH	UG/L	45GW0501	WV6767-7	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	46GW0401	WV6767-1	NM	12/18/2005	12/22/2005	1/12/2006	4	21	25
TPH	UG/L	45GW0901	WV6767-19	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	UG/L	45GW0801D	WV6767-18	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	UG/L	45GW0801	WV6767-17	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	UG/L	45GW0601	WV6767-10	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	45GW0401	WV6767-5	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	18GW0401	WV6767-16	NM	12/19/2005	12/23/2005	1/15/2006	4	23	27
TPH	UG/L	18GW0201	WV6767-8	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26
TPH	UG/L	46GW0601	WV6767-3	NM	12/18/2005	12/22/2005	1/14/2006	4	23	27
TPH	UG/L	45GW0701	WV6767-11	NM	12/19/2005	12/22/2005	1/14/2006	3	23	26

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2668 | PAGE 1 OF ____

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G. WALKER	850 385-9899	KATAHDIN; Andrea Colby
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
M D. Olson		Bill Olson	850 210-3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		FedEx 8560 3460 8560		West brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE 2005 / YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC 8260	SO4, I, EDB	FL-PRO	8081/8082 PEST/PCB	8270 TCL SVOC/PAHs	TAL metals			COMMENTS
									CONTAINER TYPE PLASTIC (P) or GLASS (G)	G	G	G	G	G	P		
									PRESERVATIVE USED	HCL	HCL	HCL	4°	4°	HNO3		
12/18	0852	46GW0101	PEW46-01	3	13	GW	G	12	3	2	2	2	2	1			
12/18	1003	46GW0201	PEW46-02	40	50	GW	G	12	3	2	2	2	2	1			
12/18	1136	46GW0801	PEW46-08	40	50	GW	G	12	3	2	2	2	2	1			
12/18	1145	46GW0701	PEW46-07	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0936	46GW0301	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0930	46GW0301MS	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0930	46GW0301MSD	PEW46-03	3	13	GW	G	12	3	2	2	2	2	1			
12/18	0945	46GW0401	PEW46-04	40	50	GW	G	12	3	2	2	2	2	1	✓		
12/18	1205	46GW0501	PEW46-05	3	13	GW	G	12	3	2	2	2	2	1	✓		
12/18	1205	46GW0601	PEW46-06	3	13	GW	G	12	3	2	2	2	2	1	✓		
12/19	1230	46TB1218	QA	—	—	QA	G	2	2	—	—	—	—	—	—		

1. RELINQUISHED BY: M D Olson	DATE: 12/19/05	TIME: 1730	1. RECEIVED BY:	DATE: 12/20/05	TIME: 1110
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

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TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2666 | PAGE ___ OF ___

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW45 RI	G. Walker	850 385 9899	Katahdin: Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson		Bill Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX 8560 3460 8560		Westbrook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	G	G	G	G	G	P			
									PRESERVATIVE USED	HCL	HCL	HCL	4°	4°	HNO3			
									TYPE OF ANALYSIS	TCL VOC 8260	504.1 EDB	FL-PRO	8270 TCL SVOC/PAH	8081/8082 PEST/PCB	TAL METALS			COMMENTS
12/19	0845	45GW0401	PEW45 04	3	13	GW	G	12		3	2	2	2	2	1			
12/19	0845	45GW0401MS	PEW45 04	3	13	GW	G	12		3	2	2	2	2	1			
12/19	0845	45GW0401MSD	PEW45 04	3	13	GW	G	12		3	2	2	2	2	1			
12/19	0900	45TB1219	QC	—	—	QC	G	2		—								
12/19	1120	45GW0501	PEW45 05	3	13	GW	G	12		3	2	2	2	2	1			
12/19	1240	18GW0201	PEW18 02	3	13	GW	G	12		3	2	2	2	2	1			
12/19	1340	45RB1219	QC	—	—	QC	G	12		3	2	2	2	2	1			
12/19	0903	45GW0601	PEW45 06	3	13	GW	G	12		3	2	2	2	2	1			
12/19	1045	45GW0701	PEW45 07	40	50	GW	G	12		3	2	2	2	2	1			
12/19	1320	45GW1201	PEW45 12	3	13	GW	G	12		3	2	2	2	2	1			
12/19	1630	45GW1301	PEW45 13	40	60	GW	G	12		3	2	2	2	2	1			

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Matt D. Olson	12.19.05	1730	1. RECEIVED BY	12/20/05	1110
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

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FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2667 | PAGE ___ OF ___

PROJECT NO: N00007	FACILITY: PEW 45 RI	PROJECT MANAGER G. WALKER	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin: Andrea Colby
SAMPLERS (SIGNATURE) Will D. Olson		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FEDEX 8566 3466 8566		CITY, STATE WEST Brook ME

STANDARD TAT ☒
RUSH TAT ☐ ☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL SVOC	504.1 EDB	FL-PRO	8270 TCL SVOC/PAH	8081/8082 PEST/PCB	TAL METALS	Fe	COMMENTS
		CONTAINER TYPE PLASTIC (P) or GLASS (G)							G	G	G	G	G	P	P	
		PRESERVATIVE USED							HCL	HCL	HCL	4°	4°	HNO3	H2SO4	
12/19	0855	45GW1001				GW	G	12	3	2	2	2	2	1		
12/19	1100	45GW1101				GW	G	12	3	2	2	2	2	1		
12/18	1730	PEW-041-PZ01-07				GW	G	1							1	
12/18	1615	PEW-041-MW02A-07				GW	G	1							1	
12/18	1640	PEW-041-MW02-07				GW	G	1							1	
12/19	1320	186W0401				GW	G	12	3	2	2	2	2	1	1	
12/19	1255	45GW0801				GW	G	12	3	2	2	2	2	1		
12/19	1255	45GW080LD				GW	G	12	3	2	2	2	2	1		
12/19	1640	45GW0901				GW	G	12	3	2	2	2	2	1		

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY			1. RECEIVED BY	12/20/05	1110
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

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4/02R
FORM NO. TtNUS-001

Katahdin
ANALYTICAL SERVICES

nelac
Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-5

Sample Receipt

The following samples were received on December 20, 2005 and were logged in under Katahdin Analytical Services work order number WV6767 for a hardcopy due date of January 15, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6767-1	46GW0401
WV6767-2	46GW0501
WV6767-3	46GW0601
WV6767-4	46TB1218
WV6767-5	45GW0401
WV6767-6	45TB1219
WV6767-7	45GW0501
WV6767-8	18GW0201
WV6767-9	45RB1219
WV6767-10	45GW0601
WV6767-11	45GW0701
WV6767-12	45GW1201
WV6767-13	45GW1301
WV6767-14	45GW1001
WV6767-15	45GW1101
WV6767-16	18GW0401
WV6767-17	45GW0801
WV6767-18	45GW0801D
WV6767-19	45GW0901

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-5 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination of Organic Compounds in Drinking Water", U.S. EPA, Environmental Monitoring and Support Laboratory - Cincinnati (September 1995), for the specific methods listed below or on the Report of Analysis. Sample WV6767-5 was used for a matrix spike (MS) and matrix spike duplicate sample (MSD), as per client's request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The initial calibration analyzed on the F instrument on 12/21/05 and on the M instrument on 12/22/05 had a %RSD value for acetone that exceeded the method acceptance limit of 15%. Even though the %RSD is greater than 15%, acetone was calibrated with the average model since this calibration model is more accurate for this analyte at concentrations near the PQL than either the linear or quadratic calibration models.

Samples WV6767-1, 2, 3, and 4 had a high recovery for one surrogate, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL in the aforementioned samples, the samples were not reanalyzed.

The MS/MSD WG24315-4 and WG24315-5 had a low recovery for one surrogate, which was outside of the laboratory established acceptance limits. Since the associated LCS was acceptable, the MS/MSD was not reanalyzed.

8015M-FLPRO Analysis

Sample WV6767-3 had a high recovery for the extraction surrogate o-terphenyl, which was outside of the method acceptance limits. Since the recovery for the second surrogate, n-triacontane-D_{62}, was within the acceptance limits, the sample was not reextracted.

Samples WV6767-1, 5, 7, 11 and 15 had low recoveries for the extraction surrogate o-terphenyl, which were outside of the method acceptance limits. Since the recoveries for the second surrogate, n-triacontane-D_{62}, were within the acceptance limits, the samples were not reextracted.

The CV standard (files CWA2145, CWA2158, CWA2161, CWA2176, CWA2189 and CWA2202) had high and/or low responses for one or more of the individual hydrocarbons, which resulted in %D's that were outside of the method acceptance limits of 25%. Since the method requirement applies to only the PRO range response, which was acceptable in all CV's, the associated samples were not reanalyzed.

504.1 Analysis

Samples WV6767-19RA had a high recovery for the surrogate TCX on channel B, which was outside of the laboratory established acceptance limits. Since the recovery for TCX was acceptable on channel A, the sample was not reextracted.

Samples WV6767-7, 11 and 13 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Based on the extraction, as indicated by notations in the extraction prep logbook, the low recoveries are likely due to matrix and were therefore not reextracted.

Sample WV6767-1 and 15 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. The samples were reextracted three and two days out of hold time, respectively, with similar results indicating a matrix effect. The results from both analyses are reported.

The initial analysis of samples WV6767-1, 5, 7, 10 through 12, and 14 through 19 and the matrix spike WG24230-4 and matrix spike duplicate WG24230-5 had recoveries for the surrogate TCX that were outside of the laboratory established acceptance limit. The reanalysis of these samples are labeled with the suffix "RA". The reanalyses were analyzed within hold time and met all QC acceptance limits. Therefore, only the reanalyses are reported.

The opening calibration verification standard (CV) (file 3VL1212) had a low response for the surrogate TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 3VL1236 and 3VL2236) had low responses for the surrogate TCX on both channels, which resulted in %D's that were outside of the method acceptance limits of 30%.

The closing CV (file 3WA2043) had a high response for the surrogate TCX on channel B, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was

within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The opening CV (file 3WA1075) had a low response for the surrogate TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 3WA1083) had a low response for the surrogate TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

8270C SIM Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are nominal limits for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

Sample WV6767-12 had a high response for one internal standard, which was outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The sample WV6767-12RA was reanalyzed and had a high recovery for one surrogate, which was outside the laboratory established acceptance limits. This indicated a likely matrix effect. The results from both analyses are included in the report.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The LCS WG24953-2 had greater than ten percent of the spiked analytes with recoveries that were low and/or high and outside of the laboratory established acceptance limits. Since this LCS is associated with the two reextracted samples, no further action was taken.

The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene

failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this analyte was not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The calibration verification standard (CV) (file K1429) had high responses for the (CCC) calibration check compounds 2,4-dichlorophenol and di-n-octylphthalate, which resulted in %D's that were outside the method acceptance limit of 20%. Since a high response would indicate a high bias and these analytes were not detected above the PQL in the associated samples, the samples were not reanalyzed.

The CV (file K1444) had a high response for the CCC 2,4-dichlorophenol and a low response for 2,4,6-trichlorophenol, which resulted in %D's that were outside the method acceptance limit of 20%.

Sample WV6767-10 had a low recovery for one surrogate, which was outside the laboratory established acceptance limits. Sample WV6767-10 also had a low response for one internal standard, which was outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The sample was reanalyzed with similar failures. Sample WV6767-16 had a low recovery for one surrogate, which was outside the laboratory established acceptance limits. The client was contacted and requested reextraction of this sample. The samples were reextracted thirty-one days out of hold time and then analyzed. The recoveries of the surrogates for the reextracted samples were acceptable. The results from both extractions are included in the report.

8082 Analysis

Samples WV6767-1, 5, 7, 8, 10, 11, 13, 15, 17, 19, the matrix spike WG24121-3 and matrix spike duplicate WG24121-4 had low recoveries for the extraction surrogate DCB on both channels (with the exception of WV6767-17 which was low only on channel A), which were outside of the laboratory established acceptance limits. Per the client's request the samples were reextracted 22 or 23 days out of hold time and analyzed. All of the recoveries for the surrogate DCB in the reextracted samples were also low. The results from both extractions are included in the report.

The method blank, WG24714-1, laboratory control sample WG24714-2 and laboratory control sample WG24737-2 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since these samples were associated with reextracted samples, no further corrective action was taken.

Sample WV6767-5 and the reextracted sample WV6767-5RE contained some peaks that had the same retention times as those from peaks of the Aroclor 1260 standard. However, there were several peaks in the standard that were not present in the sample. Also, many of the peaks in the sample were disproportional to those from the Aroclor 1260 standard. Therefore, this sample was not identified for this aroclor.

The closing calibration verification standards (CV's) (files 6VL3097 and 6VL4097) had low responses for DCB on both channels and low responses for Aroclor 1016, Aroclor 1260 and TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The calibration verification standards (CV's) (files 6WA1128 and 6WA2128) had low responses for Aroclor 1260 on channel A and a high response for TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable on the confirmation channel, the associated samples were not reanalyzed.

The calibration verification standard (CV) (file 6WA1152) had a low response for Aroclor 1260 on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The calibration verification standard (CV) (file 6WA4130) had a high response for Aroclor 1016 on channel B, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6VL3097, 6WA1084, 6WA2084, 6WA1128, 6WA2128, 6WA3072, 6WA4072, 6WA3110, 6WA4110, 6WA3130 and 6WA4130) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of DCB for file 6VL3097 and TCX for files 6WA2128 and 6WA3072, which were low or high, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

8081 Analysis

Samples WV6767-7, 10, 11, 13, 15 and 19 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. The samples were reextracted twenty-two days out of hold time and analyzed. The results from both analyses have been reported.

Sample WV6767-1 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. Since this sample was used for the matrix spike and matrix spike duplicate samples, which had acceptable recoveries for DCB on both channels, WV6767-1 was not reextracted.

The closing/opening CV (files 8WA1198 and 8WA2198) had high responses for 4,4'-DDD, endrin aldehyde and DCB on channel A, a low response for 4,4'-DDT on channel A, a low response for heptachlor epoxide on channel B, and high responses for endrin ketone on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits on the confirmation channel, with the exception of endrin ketone, and endrin ketone was not detected in any of the associated samples above the MDL, the associated samples were not reanalyzed.

The closing CV (files 8WA1222 and 8WA2222) had a high response endosulfan sulfate on channel A and high responses for endrin aldehyde and endrin ketone on both channels and a high response for DCB on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The closing CV's (files 8WA3028 and 8WA4028) had high responses for most target analytes on both channels, which resulted in %D's that were outside of the method acceptance limits of 15%. Since these analytes were within the method acceptance limits in the opening CV's, the associated samples were not reanalyzed.

The opening CV (file 8WA3151) had a low response for alpha-BHC on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8WA3172 and 8WA4172) had low responses gamma-BHC, heptachlor, delta-BHC and methoxychlor on channel A and low responses for alpha-BHC on both channels. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

Some of the samples and the associated QC were put through a sulfur cleanup according to SW846 method 3660 using the copper powder technique. The cleanup had little or no effect on removing the sulfur. Consequently, some of the samples may have sulfur interference affecting the quantitation of target analytes. Since there was no significant improvement with the sulfur cleanup extracts, the results from the non-sulfur cleanup extracts are reported.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of SDG CTO367-5 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma (ICP) Atomic Emission Spectroscopic Analysis

The aqueous-matrix samples of SDG CTO367-5 were digested for ICP analyses on 01/03/06 (QC Batch WA03ICW0) in accordance with USEPA Method 3010A. Katahdin Sample No. WV6767-5 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO367-5 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA ICAP 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Some CCBs analyzed analysis sequence BWA05A, failed high for calcium or magnesium. All associated samples contained calcium and magnesium at concentrations less than the PQL or greater than ten times that of the CCB, therefore, no corrective action was necessary.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

The aqueous-matrix samples of SDG CTO367-5 were digested for mercury analysis on 01/05/06 (QC Batch WA05HGW0) in accordance with USEPA Method 7470A. Katahdin Sample No. WV6767-5 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of SDG CTO367-5 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

Analyte recoveries in the matrix-spiked aliquots of Katahdin Sample No. WV6767-5 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added) for all measured analytes.

The matrix spike duplicate analysis of Katahdin Sample No. WV6767-5 is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all measured analytes.

The serial dilution analysis of Katahdin Sample No. WV6767-5 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all analytes.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.27.06

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-5 **SOW No.** SW846

Client Field ID	Lab Sample ID
18GW0201	WV6767-008
18GW0401	WV6767-016
45GW0401	WV6767-005
45GW0401	WV6767-005P
45GW0401	WV6767-005S
45GW0501	WV6767-007
45GW0601	WV6767-010
45GW0701	WV6767-011
45GW0801	WV6767-017
45GW0801D	WV6767-018
45GW0901	WV6767-019
45GW1001	WV6767-014
45GW1101	WV6767-015
45GW1201	WV6767-012
45GW1301	WV6767-013
45RB1219	WV6767-009
46GW0401	WV6767-001
46GW0501	WV6767-002
46GW0601	WV6767-003

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: January 25, 2006 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: AWA05A Jan 05, 2006 12:46

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18847.93	94.2
ANTIMONY	600.0	592.01	98.7
ARSENIC	600.0	594.06	99.0
CALCIUM	20000.0	20532.52	102.7
CHROMIUM	500.0	494.76	99.0
IRON	20000.0	20364.94	101.8
LEAD	550.0	545.87	99.2
MAGNESIUM	20000.0	20763.90	103.8
SELENIUM	550.0	548.78	99.8
THALLIUM	600.0	594.15	99.0
ZINC	1000.0	985.45	98.5

SAMPLE: CCV

File: AWA05A Jan 05, 2006 13:41

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49318.72	98.6
ANTIMONY	1000.0	1002.87	100.3
ARSENIC	1000.0	1022.41	102.2
CALCIUM	50000.0	51850.47	103.7
CHROMIUM	1000.0	1022.79	102.3
IRON	20000.0	20406.29	102.0
LEAD	1000.0	1013.55	101.4
MAGNESIUM	50000.0	51930.23	103.9
SELENIUM	1000.0	1019.20	101.9
THALLIUM	1000.0	1026.36	102.6
ZINC	1000.0	1022.06	102.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 14:41

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49282.10	98.6
ANTIMONY	1000.0	1018.03	101.8
ARSENIC	1000.0	1028.76	102.9
CALCIUM	50000.0	52378.73	104.8
CHROMIUM	1000.0	1042.18	104.2
IRON	20000.0	20544.05	102.7
LEAD	1000.0	1020.93	102.1
MAGNESIUM	50000.0	52379.07	104.8
SELENIUM	1000.0	1027.09	102.7
THALLIUM	1000.0	1023.00	102.3
ZINC	1000.0	1030.56	103.1

SAMPLE: CCV

File: AWA05A Jan 05, 2006 15:54

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48613.93	97.2
ANTIMONY	1000.0	1022.95	102.3
ARSENIC	1000.0	1031.14	103.1
CALCIUM	50000.0	52651.99	105.3
CHROMIUM	1000.0	1055.32	105.5
IRON	20000.0	20555.72	102.8
LEAD	1000.0	1021.35	102.1
MAGNESIUM	50000.0	52259.20	104.5
SELENIUM	1000.0	1032.94	103.3
THALLIUM	1000.0	1018.17	101.8
ZINC	1000.0	1030.63	103.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 17:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48258.64	96.5
ANTIMONY	1000.0	1033.27	103.3
ARSENIC	1000.0	1041.90	104.2
CALCIUM	50000.0	53239.95	106.5
CHROMIUM	1000.0	1075.79	107.6
IRON	20000.0	20778.57	103.9
LEAD	1000.0	1032.51	103.3
MAGNESIUM	50000.0	52620.61	105.2
SELENIUM	1000.0	1049.65	105.0
THALLIUM	1000.0	1028.30	102.8
ZINC	1000.0	1040.18	104.0

SAMPLE: CCV

File: AWA05A Jan 05, 2006 18:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48224.56	96.4
ANTIMONY	1000.0	1027.99	102.8
ARSENIC	1000.0	1038.64	103.9
CALCIUM	50000.0	52954.84	105.9
CHROMIUM	1000.0	1071.85	107.2
IRON	20000.0	20603.26	103.0
LEAD	1000.0	1016.49	101.6
MAGNESIUM	50000.0	52297.84	104.6
SELENIUM	1000.0	1034.92	103.5
THALLIUM	1000.0	1024.84	102.5
ZINC	1000.0	1034.08	103.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 19:54

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47792.95	95.6
ANTIMONY	1000.0	1034.93	103.5
ARSENIC	1000.0	1026.41	102.6
CALCIUM	50000.0	52109.15	104.2
CHROMIUM	1000.0	1067.48	106.7
IRON	20000.0	20335.35	101.7
LEAD	1000.0	1004.09	100.4
MAGNESIUM	50000.0	51502.26	103.0
SELENIUM	1000.0	1028.19	102.8
THALLIUM	1000.0	1004.30	100.4
ZINC	1000.0	1027.10	102.7

SAMPLE: CCV

File: AWA05A Jan 05, 2006 21:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47919.46	95.8
ANTIMONY	1000.0	1060.06	106.0
ARSENIC	1000.0	1033.50	103.4
CALCIUM	50000.0	52336.05	104.7
CHROMIUM	1000.0	1083.08	108.3
IRON	20000.0	20545.88	102.7
LEAD	1000.0	1018.00	101.8
MAGNESIUM	50000.0	51774.79	103.5
SELENIUM	1000.0	1045.98	104.6
THALLIUM	1000.0	997.57	99.8
ZINC	1000.0	1040.49	104.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 05, 2006 22:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48124.56	96.2
ANTIMONY	1000.0	1061.93	106.2
ARSENIC	1000.0	1030.94	103.1
CALCIUM	50000.0	52339.26	104.7
CHROMIUM	1000.0	1083.17	108.3
IRON	20000.0	20555.66	102.8
LEAD	1000.0	1018.65	101.9
MAGNESIUM	50000.0	51893.72	103.8
SELENIUM	1000.0	1050.83	105.1
THALLIUM	1000.0	993.99	99.4
ZINC	1000.0	1040.84	104.1

SAMPLE: CCV

File: AWA05A Jan 05, 2006 23:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48448.75	96.9
ANTIMONY	1000.0	1061.24	106.1
ARSENIC	1000.0	1029.69	103.0
CALCIUM	50000.0	51923.61	103.8
CHROMIUM	1000.0	1078.76	107.9
IRON	20000.0	20544.29	102.7
LEAD	1000.0	1015.90	101.6
MAGNESIUM	50000.0	51758.33	103.5
SELENIUM	1000.0	1046.10	104.6
THALLIUM	1000.0	990.09	99.0
ZINC	1000.0	1038.74	103.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 06, 2006 1:07

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48875.45	97.8
ANTIMONY	1000.0	1058.96	105.9
ARSENIC	1000.0	1024.67	102.5
CALCIUM	50000.0	52180.16	104.4
CHROMIUM	1000.0	1074.45	107.4
IRON	20000.0	20571.27	102.9
LEAD	1000.0	1014.96	101.5
MAGNESIUM	50000.0	52064.56	104.1
SELENIUM	1000.0	1044.01	104.4
THALLIUM	1000.0	996.44	99.6
ZINC	1000.0	1036.98	103.7

SAMPLE: CCV

File: AWA05A Jan 06, 2006 2:27

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49354.57	98.7
ANTIMONY	1000.0	1042.08	104.2
ARSENIC	1000.0	1009.72	101.0
CALCIUM	50000.0	51443.64	102.9
CHROMIUM	1000.0	1051.64	105.2
IRON	20000.0	20313.88	101.6
LEAD	1000.0	999.73	100.0
MAGNESIUM	50000.0	51511.90	103.0
SELENIUM	1000.0	1019.51	102.0
THALLIUM	1000.0	988.37	98.8
ZINC	1000.0	1020.06	102.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA05A Jan 06, 2006 3:21

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48434.33	96.9
ANTIMONY	1000.0	1021.44	102.1
ARSENIC	1000.0	980.33	98.0
CALCIUM	50000.0	49961.83	99.9
CHROMIUM	1000.0	1022.87	102.3
IRON	20000.0	19828.49	99.1
LEAD	1000.0	968.52	96.9
MAGNESIUM	50000.0	50229.43	100.5
SELENIUM	1000.0	996.19	99.6
THALLIUM	1000.0	958.13	95.8
ZINC	1000.0	994.43	99.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: AWA09B Jan 09, 2006 15:32

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18830.71	94.2
ANTIMONY	600.0	585.51	97.6
ARSENIC	600.0	590.83	98.5
CALCIUM	20000.0	20770.53	103.9
CHROMIUM	500.0	495.59	99.1
IRON	20000.0	20411.05	102.1
LEAD	550.0	547.44	99.5
MAGNESIUM	20000.0	20857.65	104.3
SELENIUM	550.0	542.84	98.7
THALLIUM	600.0	607.34	101.2
ZINC	1000.0	980.94	98.1

SAMPLE: CCV

File: AWA09B Jan 09, 2006 16:19

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49415.54	98.8
ANTIMONY	1000.0	987.39	98.7
ARSENIC	1000.0	1014.33	101.4
CALCIUM	50000.0	52434.90	104.9
CHROMIUM	1000.0	1003.10	100.3
IRON	20000.0	20436.21	102.2
LEAD	1000.0	1004.44	100.4
MAGNESIUM	50000.0	52133.70	104.3
SELENIUM	1000.0	1004.17	100.4
THALLIUM	1000.0	1039.62	104.0
ZINC	1000.0	997.92	99.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 17:37

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48965.66	97.9
ANTIMONY	1000.0	990.42	99.0
ARSENIC	1000.0	1003.52	100.4
CALCIUM	50000.0	51342.51	102.7
CHROMIUM	1000.0	1001.87	100.2
IRON	20000.0	20050.47	100.3
LEAD	1000.0	983.87	98.4
MAGNESIUM	50000.0	51203.57	102.4
SELENIUM	1000.0	1000.92	100.1
THALLIUM	1000.0	1013.72	101.4
ZINC	1000.0	990.00	99.0

SAMPLE: CCV

File: AWA09B Jan 09, 2006 18:57

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48368.21	96.7
ANTIMONY	1000.0	977.17	97.7
ARSENIC	1000.0	974.45	97.4
CALCIUM	50000.0	49692.99	99.4
CHROMIUM	1000.0	980.09	98.0
IRON	20000.0	19444.09	97.2
LEAD	1000.0	947.64	94.8
MAGNESIUM	50000.0	49602.17	99.2
SELENIUM	1000.0	970.79	97.1
THALLIUM	1000.0	976.89	97.7
ZINC	1000.0	965.78	96.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 20:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48312.65	96.6
ANTIMONY	1000.0	1007.37	100.7
ARSENIC	1000.0	980.98	98.1
CALCIUM	50000.0	49699.15	99.4
CHROMIUM	1000.0	989.07	98.9
IRON	20000.0	19538.90	97.7
LEAD	1000.0	958.53	95.9
MAGNESIUM	50000.0	49645.02	99.3
SELENIUM	1000.0	980.69	98.1
THALLIUM	1000.0	970.33	97.0
ZINC	1000.0	980.94	98.1

SAMPLE: CCV

File: AWA09B Jan 09, 2006 21:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48500.51	97.0
ANTIMONY	1000.0	1004.94	100.5
ARSENIC	1000.0	973.11	97.3
CALCIUM	50000.0	49232.59	98.5
CHROMIUM	1000.0	980.05	98.0
IRON	20000.0	19439.84	97.2
LEAD	1000.0	950.28	95.0
MAGNESIUM	50000.0	49480.95	99.0
SELENIUM	1000.0	982.35	98.2
THALLIUM	1000.0	948.22	94.8
ZINC	1000.0	973.37	97.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 09, 2006 22:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49111.73	98.2
ANTIMONY	1000.0	1001.31	100.1
ARSENIC	1000.0	966.54	96.7
CALCIUM	50000.0	49189.55	98.4
CHROMIUM	1000.0	967.70	96.8
IRON	20000.0	19386.68	96.9
LEAD	1000.0	950.00	95.0
MAGNESIUM	50000.0	49530.77	99.1
SELENIUM	1000.0	973.07	97.3
THALLIUM	1000.0	953.66	95.4
ZINC	1000.0	969.10	96.9

SAMPLE: CCV

File: AWA09B Jan 10, 2006 0:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50143.86	100.3
ANTIMONY	1000.0	1008.26	100.8
ARSENIC	1000.0	976.24	97.6
CALCIUM	50000.0	49488.05	99.0
CHROMIUM	1000.0	966.27	96.6
IRON	20000.0	19567.85	97.8
LEAD	1000.0	957.57	95.8
MAGNESIUM	50000.0	49991.71	100.0
SELENIUM	1000.0	980.68	98.1
THALLIUM	1000.0	969.48	96.9
ZINC	1000.0	981.71	98.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 10, 2006 1:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50891.25	101.8
ANTIMONY	1000.0	999.95	100.0
ARSENIC	1000.0	977.85	97.8
CALCIUM	50000.0	49747.84	99.5
CHROMIUM	1000.0	953.87	95.4
IRON	20000.0	19645.43	98.2
LEAD	1000.0	961.09	96.1
MAGNESIUM	50000.0	50356.50	100.7
SELENIUM	1000.0	978.12	97.8
THALLIUM	1000.0	976.10	97.6
ZINC	1000.0	985.25	98.5

SAMPLE: CCV

File: AWA09B Jan 10, 2006 2:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50869.85	101.7
ANTIMONY	1000.0	989.54	99.0
ARSENIC	1000.0	975.10	97.5
CALCIUM	50000.0	49572.29	99.1
CHROMIUM	1000.0	937.60	93.8
IRON	20000.0	19557.46	97.8
LEAD	1000.0	957.61	95.8
MAGNESIUM	50000.0	50219.88	100.4
SELENIUM	1000.0	968.63	96.9
THALLIUM	1000.0	969.45	96.9
ZINC	1000.0	981.94	98.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA09B Jan 10, 2006 4:16

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51220.52	102.4
ANTIMONY	1000.0	984.15	98.4
ARSENIC	1000.0	968.77	96.9
CALCIUM	50000.0	49329.99	98.7
CHROMIUM	1000.0	914.83	91.5
IRON	20000.0	19566.28	97.8
LEAD	1000.0	959.21	95.9
MAGNESIUM	50000.0	50113.26	100.2
SELENIUM	1000.0	965.33	96.5
THALLIUM	1000.0	987.70	98.8
ZINC	1000.0	979.62	98.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: AWA24A Jan 24, 2006 15:13

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18673.63	93.4
ANTIMONY	600.0	589.50	98.3
ARSENIC	600.0	568.93	94.8
CALCIUM	20000.0	20219.31	101.1
CHROMIUM	500.0	495.34	99.1
IRON	20000.0	19688.19	98.4
LEAD	550.0	538.25	97.9
MAGNESIUM	20000.0	20547.03	102.7
SELENIUM	550.0	540.17	98.2
THALLIUM	600.0	577.48	96.2
ZINC	1000.0	964.89	96.5

SAMPLE: CCV

File: AWA24A Jan 24, 2006 16:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47350.73	94.7
ANTIMONY	1000.0	986.42	98.6
ARSENIC	1000.0	975.54	97.6
CALCIUM	50000.0	49459.56	98.9
CHROMIUM	1000.0	977.16	97.7
IRON	20000.0	19429.51	97.1
LEAD	1000.0	965.94	96.6
MAGNESIUM	50000.0	49833.49	99.7
SELENIUM	1000.0	1010.00	101.0
THALLIUM	1000.0	970.69	97.1
ZINC	1000.0	976.89	97.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA24A Jan 24, 2006 16:24

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48833.90	97.7
ANTIMONY	1000.0	996.48	99.6
ARSENIC	1000.0	982.02	98.2
CALCIUM	50000.0	49820.41	99.6
CHROMIUM	1000.0	986.88	98.7
IRON	20000.0	19615.89	98.1
LEAD	1000.0	971.39	97.1
MAGNESIUM	50000.0	50259.04	100.5
SELENIUM	1000.0	1019.84	102.0
THALLIUM	1000.0	981.60	98.2
ZINC	1000.0	992.10	99.2

SAMPLE: CCV

File: AWA24A Jan 24, 2006 17:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50427.48	100.9
ANTIMONY	1000.0	1059.86	106.0
ARSENIC	1000.0	1050.78	105.1
CALCIUM	50000.0	53300.17	106.6
CHROMIUM	1000.0	1060.19	106.0
IRON	20000.0	20821.04	104.1
LEAD	1000.0	1038.57	103.9
MAGNESIUM	50000.0	53573.90	107.1
SELENIUM	1000.0	1082.84	108.3
THALLIUM	1000.0	1031.56	103.2
ZINC	1000.0	1050.15	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: AWA24A Jan 24, 2006 19:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47335.19	94.7
ANTIMONY	1000.0	991.15	99.1
ARSENIC	1000.0	986.36	98.6
CALCIUM	50000.0	50178.75	100.4
CHROMIUM	1000.0	994.46	99.4
IRON	20000.0	19546.08	97.7
LEAD	1000.0	976.12	97.6
MAGNESIUM	50000.0	50401.76	100.8
SELENIUM	1000.0	1026.25	102.6
THALLIUM	1000.0	975.67	97.6
ZINC	1000.0	984.20	98.4

SAMPLE: CCV

File: AWA24A Jan 24, 2006 20:23

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	44477.59	89.0
ANTIMONY	1000.0	946.88	94.7
ARSENIC	1000.0	930.02	93.0
CALCIUM	50000.0	47220.32	94.4
CHROMIUM	1000.0	947.79	94.8
IRON	20000.0	18465.72	92.3
LEAD	1000.0	917.23	91.7
MAGNESIUM	50000.0	47460.05	94.9
SELENIUM	1000.0	966.95	96.7
THALLIUM	1000.0	912.85	91.3
ZINC	1000.0	926.35	92.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: BWA05A Jan 05, 2006 12:28

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20104.96	100.5
BARIUM	500.0	500.57	100.1
BERYLLIUM	500.0	489.47	97.9
CADMIUM	1250.0	1259.36	100.7
CALCIUM	20000.0	20258.67	101.3
COBALT	500.0	513.85	102.8
COPPER	500.0	493.20	98.6
IRON	20000.0	20816.62	104.1
MAGNESIUM	20000.0	20374.38	101.9
MANGANESE	500.0	502.35	100.5
NICKEL	1000.0	1041.96	104.2
POTASSIUM	20000.0	20003.44	100.0
SILVER	200.0	201.86	100.9
SODIUM	20000.0	20819.83	104.1
VANADIUM	500.0	501.39	100.3

SAMPLE: CCV

File: BWA05A Jan 05, 2006 13:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49713.73	99.4
BARIUM	1000.0	990.80	99.1
BERYLLIUM	1000.0	999.41	99.9
CADMIUM	1000.0	998.38	99.8
CALCIUM	50000.0	50222.45	100.4
COBALT	1000.0	1004.61	100.5
COPPER	1000.0	987.26	98.7
IRON	20000.0	20200.00	101.0
MAGNESIUM	50000.0	50300.02	100.6
MANGANESE	1000.0	995.67	99.6
NICKEL	1000.0	1019.95	102.0
POTASSIUM	50000.0	49120.04	98.2
SILVER	250.0	246.97	98.8
SODIUM	50000.0	50549.37	101.1
VANADIUM	1000.0	993.16	99.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 14:18

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50170.91	100.3
BARIUM	1000.0	1002.93	100.3
BERYLLIUM	1000.0	1013.76	101.4
CADMIUM	1000.0	1002.57	100.3
CALCIUM	50000.0	51256.82	102.5
COBALT	1000.0	1021.82	102.2
COPPER	1000.0	998.93	99.9
IRON	20000.0	20496.20	102.5
MAGNESIUM	50000.0	51048.01	102.1
MANGANESE	1000.0	1013.51	101.4
NICKEL	1000.0	1032.23	103.2
POTASSIUM	50000.0	49337.89	98.7
SILVER	250.0	248.41	99.4
SODIUM	50000.0	50763.85	101.5
VANADIUM	1000.0	1008.95	100.9

SAMPLE: CCV

File: BWA05A Jan 05, 2006 15:29

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50092.39	100.2
BARIUM	1000.0	1004.41	100.4
BERYLLIUM	1000.0	1021.32	102.1
CADMIUM	1000.0	1002.63	100.3
CALCIUM	50000.0	51510.56	103.0
COBALT	1000.0	1023.31	102.3
COPPER	1000.0	999.60	100.0
IRON	20000.0	20563.15	102.8
MAGNESIUM	50000.0	51426.75	102.9
MANGANESE	1000.0	1014.42	101.4
NICKEL	1000.0	1032.71	103.3
POTASSIUM	50000.0	49161.73	98.3
SILVER	250.0	250.97	100.4
SODIUM	50000.0	50636.84	101.3
VANADIUM	1000.0	1017.77	101.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 16:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50444.51	100.9
BARIUM	1000.0	1010.25	101.0
BERYLLIUM	1000.0	1027.81	102.8
CADMIUM	1000.0	1014.32	101.4
CALCIUM	50000.0	52281.60	104.6
COBALT	1000.0	1030.79	103.1
COPPER	1000.0	1006.12	100.6
IRON	20000.0	20721.67	103.6
MAGNESIUM	50000.0	52036.04	104.1
MANGANESE	1000.0	1021.17	102.1
NICKEL	1000.0	1051.22	105.1
POTASSIUM	50000.0	49721.20	99.4
SILVER	250.0	251.07	100.4
SODIUM	50000.0	51693.55	103.4
VANADIUM	1000.0	1018.05	101.8

SAMPLE: CCV

File: BWA05A Jan 05, 2006 17:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51114.63	102.2
BARIUM	1000.0	1031.13	103.1
BERYLLIUM	1000.0	1028.97	102.9
CADMIUM	1000.0	1027.49	102.7
CALCIUM	50000.0	52399.40	104.8
COBALT	1000.0	1026.24	102.6
COPPER	1000.0	1023.07	102.3
IRON	20000.0	20822.05	104.1
MAGNESIUM	50000.0	51877.94	103.8
MANGANESE	1000.0	1028.03	102.8
NICKEL	1000.0	1053.66	105.4
POTASSIUM	50000.0	50739.66	101.5
SILVER	250.0	261.69	104.7
SODIUM	50000.0	52378.69	104.8
VANADIUM	1000.0	1032.83	103.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 18:55

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51523.46	103.0
BARIUM	1000.0	1050.29	105.0
BERYLLIUM	1000.0	1030.07	103.0
CADMIUM	1000.0	1036.44	103.6
CALCIUM	50000.0	52094.61	104.2
COBALT	1000.0	1010.40	101.0
COPPER	1000.0	1039.77	104.0
IRON	20000.0	20747.61	103.7
MAGNESIUM	50000.0	51555.50	103.1
MANGANESE	1000.0	1028.58	102.9
NICKEL	1000.0	1061.19	106.1
POTASSIUM	50000.0	50585.23	101.2
SILVER	250.0	262.44	105.0
SODIUM	50000.0	53162.33	106.3
VANADIUM	1000.0	1032.91	103.3

SAMPLE: CCV

File: BWA05A Jan 05, 2006 20:06

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52073.94	104.1
BARIUM	1000.0	1056.13	105.6
BERYLLIUM	1000.0	1034.34	103.4
CADMIUM	1000.0	1037.48	103.7
CALCIUM	50000.0	51737.01	103.5
COBALT	1000.0	1008.06	100.8
COPPER	1000.0	1045.13	104.5
IRON	20000.0	20843.63	104.2
MAGNESIUM	50000.0	51642.57	103.3
MANGANESE	1000.0	1041.44	104.1
NICKEL	1000.0	1039.05	103.9
POTASSIUM	50000.0	50958.93	101.9
SILVER	250.0	264.81	105.9
SODIUM	50000.0	53834.48	107.7
VANADIUM	1000.0	1037.30	103.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 21:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51118.79	102.2
BARIUM	1000.0	1034.81	103.5
BERYLLIUM	1000.0	1010.24	101.0
CADMIUM	1000.0	1014.99	101.5
CALCIUM	50000.0	50422.92	100.8
COBALT	1000.0	978.42	97.8
COPPER	1000.0	1024.53	102.5
IRON	20000.0	20300.05	101.5
MAGNESIUM	50000.0	50408.91	100.8
MANGANESE	1000.0	1025.23	102.5
NICKEL	1000.0	1024.04	102.4
POTASSIUM	50000.0	50237.74	100.5
SILVER	250.0	256.66	102.7
SODIUM	50000.0	52552.04	105.1
VANADIUM	1000.0	1012.73	101.3

SAMPLE: CCV

File: BWA05A Jan 05, 2006 22:28

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52567.28	105.1
BARIUM	1000.0	1067.16	106.7
BERYLLIUM	1000.0	1040.72	104.1
CADMIUM	1000.0	1047.81	104.8
CALCIUM	50000.0	51456.13	102.9
COBALT	1000.0	999.11	99.9
COPPER	1000.0	1055.99	105.6
IRON	20000.0	20774.73	103.9
MAGNESIUM	50000.0	51534.33	103.1
MANGANESE	1000.0	1051.70	105.2
NICKEL	1000.0	1045.84	104.6
POTASSIUM	50000.0	51750.06	103.5
SILVER	250.0	264.96	106.0
SODIUM	50000.0	54599.98	109.2
VANADIUM	1000.0	1043.43	104.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 23:39

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52466.64	104.9
BARIUM	1000.0	1060.44	106.0
BERYLLIUM	1000.0	1034.36	103.4
CADMIUM	1000.0	1036.93	103.7
CALCIUM	50000.0	51036.73	102.1
COBALT	1000.0	995.47	99.5
COPPER	1000.0	1055.77	105.6
IRON	20000.0	20633.67	103.2
MAGNESIUM	50000.0	51232.26	102.5
MANGANESE	1000.0	1045.88	104.6
NICKEL	1000.0	1028.31	102.8
POTASSIUM	50000.0	51998.27	104.0
SILVER	250.0	266.14	106.5
SODIUM	50000.0	54018.24	108.0
VANADIUM	1000.0	1033.64	103.4

SAMPLE: CCV

File: BWA05A Jan 06, 2006 0:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52885.78	105.8
BARIUM	1000.0	1067.29	106.7
BERYLLIUM	1000.0	1041.47	104.1
CADMIUM	1000.0	1042.63	104.3
CALCIUM	50000.0	51191.54	102.4
COBALT	1000.0	1003.50	100.4
COPPER	1000.0	1059.16	105.9
IRON	20000.0	20806.01	104.0
MAGNESIUM	50000.0	51464.84	102.9
MANGANESE	1000.0	1053.01	105.3
NICKEL	1000.0	1041.10	104.1
POTASSIUM	50000.0	52287.26	104.6
SILVER	250.0	263.10	105.2
SODIUM	50000.0	54734.42	109.5
VANADIUM	1000.0	1043.03	104.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 06, 2006 1:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51756.17	103.5
BARIUM	1000.0	1045.42	104.5
BERYLLIUM	1000.0	1021.22	102.1
CADMIUM	1000.0	1017.65	101.8
CALCIUM	50000.0	49947.88	99.9
COBALT	1000.0	982.66	98.3
COPPER	1000.0	1036.79	103.7
IRON	20000.0	20430.17	102.2
MAGNESIUM	50000.0	50392.31	100.8
MANGANESE	1000.0	1030.76	103.1
NICKEL	1000.0	1022.45	102.2
POTASSIUM	50000.0	50421.64	100.8
SILVER	250.0	260.70	104.3
SODIUM	50000.0	52879.18	105.8
VANADIUM	1000.0	1020.83	102.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: BWA10B Jan 10, 2006 14:22

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20201.04	101.0
CALCIUM	20000.0	20278.33	101.4
IRON	20000.0	20811.47	104.1
MAGNESIUM	20000.0	20336.04	101.7
SODIUM	20000.0	20396.87	102.0

SAMPLE: CCV

File: BWA10B Jan 10, 2006 15:05

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51223.23	102.4
CALCIUM	50000.0	51468.03	102.9
IRON	20000.0	20717.30	103.6
MAGNESIUM	50000.0	51340.64	102.7
SODIUM	50000.0	50025.76	100.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 16:13

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51712.06	103.4
CALCIUM	50000.0	51929.28	103.9
IRON	20000.0	20747.90	103.7
MAGNESIUM	50000.0	51720.25	103.4
SODIUM	50000.0	50576.14	101.2

SAMPLE: CCV

File: BWA10B Jan 10, 2006 16:59

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51817.21	103.6
CALCIUM	50000.0	52184.91	104.4
IRON	20000.0	20802.00	104.0
MAGNESIUM	50000.0	51943.11	103.9
SODIUM	50000.0	49695.32	99.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 18:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52077.90	104.2
CALCIUM	50000.0	52041.73	104.1
IRON	20000.0	20877.29	104.4
MAGNESIUM	50000.0	51727.72	103.5
SODIUM	50000.0	51334.00	102.7

SAMPLE: CCV

File: BWA10B Jan 10, 2006 19:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52501.35	105.0
CALCIUM	50000.0	52085.23	104.2
IRON	20000.0	20803.99	104.0
MAGNESIUM	50000.0	52187.81	104.4
SODIUM	50000.0	51184.60	102.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 20:25

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53255.09	106.5
CALCIUM	50000.0	52780.76	105.6
IRON	20000.0	21086.72	105.4
MAGNESIUM	50000.0	52989.45	106.0
SODIUM	50000.0	51377.63	102.8

SAMPLE: CCV

File: BWA10B Jan 10, 2006 21:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53867.70	107.7
CALCIUM	50000.0	52892.44	105.8
IRON	20000.0	21238.71	106.2
MAGNESIUM	50000.0	53253.44	106.5
SODIUM	50000.0	51493.60	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 22:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53544.51	107.1
CALCIUM	50000.0	52205.49	104.4
IRON	20000.0	21120.60	105.6
MAGNESIUM	50000.0	52699.17	105.4
SODIUM	50000.0	51414.11	102.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICV

File: HWA05A Jan 05, 2006 12:15

Analyte	True	Found	%R (1)
MERCURY	6.0	6.14	102.3

SAMPLE: CCV

File: HWA05A Jan 05, 2006 12:40

Analyte	True	Found	%R (1)
MERCURY	5.0	5.14	102.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCV

File: HWA05A Jan 05, 2006 13:06

Analyte	True	Found	%R (1)
MERCURY	5.0	4.97	99.4

SAMPLE: CCV

File: HWA05A Jan 05, 2006 13:14

Analyte	True	Found	%R (1)
MERCURY	5.0	5.00	100.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA05A Jan 05, 2006 13:20

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	116.24	96.9
ARSENIC	20.0	20.26	101.3
CHROMIUM	20.0	17.85	89.3
LEAD	6.0	5.40	90.0
SELENIUM	10.0	11.82	118.2
THALLIUM	20.0	21.50	107.5
ZINC	40.0	39.99	100.0

SAMPLE: CRI

File: AWA05A Jan 05, 2006 16:54

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	117.91	98.3
ARSENIC	20.0	21.51	107.6
CHROMIUM	20.0	19.44	97.2
LEAD	6.0	6.69	111.5
SELENIUM	10.0	13.38	133.8
THALLIUM	20.0	21.58	107.9
ZINC	40.0	40.44	101.1

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA05A Jan 05, 2006 20:54

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	119.48	99.6
ARSENIC	20.0	22.59	112.9
CHROMIUM	20.0	19.58	97.9
LEAD	6.0	5.82	97.0
SELENIUM	10.0	10.84	108.4
THALLIUM	20.0	21.45	107.3
ZINC	40.0	40.51	101.3

SAMPLE: CRI

File: AWA05A Jan 05, 2006 23:27

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	120.40	100.3
ARSENIC	20.0	20.94	104.7
CHROMIUM	20.0	18.65	93.2
LEAD	6.0	6.46	107.7
SELENIUM	10.0	14.91	149.1
THALLIUM	20.0	17.43	87.1
ZINC	40.0	40.11	100.3

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA05A Jan 06, 2006 03:01

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	116.79	97.3
ARSENIC	20.0	20.14	100.7
CHROMIUM	20.0	18.76	93.8
LEAD	6.0	6.39	106.5
SELENIUM	10.0	12.28	122.8
THALLIUM	20.0	19.63	98.1
ZINC	40.0	39.78	99.5

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA09B Jan 09, 2006 15:59

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	114.32	95.3
ARSENIC	20.0	20.48	102.4
CHROMIUM	20.0	19.82	99.1
LEAD	6.0	5.86	97.7
SELENIUM	10.0	12.56	125.6
THALLIUM	20.0	19.85	99.3
ZINC	40.0	40.38	101.0

SAMPLE: CRI

File: AWA09B Jan 09, 2006 19:56

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	114.49	95.4
ARSENIC	20.0	17.44	87.2
CHROMIUM	20.0	19.20	96.0
LEAD	6.0	5.30	88.3
SELENIUM	10.0	11.67	116.7
THALLIUM	20.0	20.30	101.5
ZINC	40.0	39.40	98.5

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA09B Jan 09, 2006 23:56

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	118.76	99.0
ARSENIC	20.0	20.56	102.8
CHROMIUM	20.0	19.13	95.6
LEAD	6.0	6.17	102.8
SELENIUM	10.0	12.28	122.8
THALLIUM	20.0	18.56	92.8
ZINC	40.0	39.54	98.8

SAMPLE: CRI

File: AWA09B Jan 10, 2006 03:56

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	113.70	94.8
ARSENIC	20.0	19.79	98.9
CHROMIUM	20.0	17.63	88.1
LEAD	6.0	5.90	98.3
SELENIUM	10.0	8.85	88.5
THALLIUM	20.0	18.69	93.5
ZINC	40.0	39.28	98.2

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: AWA24A Jan 24, 2006 15:49

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	115.63	96.4
ARSENIC	20.0	20.56	102.8
CHROMIUM	20.0	19.06	95.3
LEAD	6.0	5.64	94.0
SELENIUM	10.0	10.76	107.6
THALLIUM	20.0	17.42	87.1
ZINC	40.0	40.37	100.9

SAMPLE: CRI

File: AWA24A Jan 24, 2006 20:03

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	113.99	95.0
ARSENIC	20.0	17.49	87.4
CHROMIUM	20.0	18.96	94.8
LEAD	6.0	4.44	74.0
SELENIUM	10.0	12.10	121.0
THALLIUM	20.0	16.02	80.1
ZINC	40.0	38.59	96.5

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: BWA05A Jan 05, 2006 12:51

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.86	98.6
CADMIUM	10.0	11.13	111.3
COBALT	100.0	102.30	102.3
COPPER	50.0	50.75	101.5
MANGANESE	30.0	30.28	100.9
NICKEL	80.0	85.69	107.1
SILVER	20.0	18.56	92.8
VANADIUM	100.0	109.45	109.5

SAMPLE: CRI

File: BWA05A Jan 05, 2006 15:11

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.39	93.9
CADMIUM	10.0	9.49	94.9
COBALT	100.0	101.31	101.3
COPPER	50.0	49.32	98.6
MANGANESE	30.0	29.77	99.2
NICKEL	80.0	83.92	104.9
SILVER	20.0	19.32	96.6
VANADIUM	100.0	105.57	105.6

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRI

File: BWA05A Jan 06, 2006 01:02

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	10.02	100.2
CADMIUM	10.0	9.00	90.0
COBALT	100.0	97.55	97.5
COPPER	50.0	50.43	100.9
MANGANESE	30.0	31.18	103.9
NICKEL	80.0	86.50	108.1
SILVER	20.0	19.44	97.2
VANADIUM	100.0	106.58	106.6

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CRA

File: HWA05A Jan 05, 2006 12:19

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.27	135.0

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03ICW0

Matrix: WATER **SDG Name:** CTO367-5

QC Batch ID: WA03ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	112.970	I
ANTIMONY	4.110	U
ARSENIC	3.450	U
BARIUM	1.170	U
BERYLLIUM	0.290	U
CADMIUM	4.360	U
CALCIUM	21.400	U
CHROMIUM	-1.450	I
COBALT	3.050	U
COPPER	2.860	U
IRON	3.790	U
LEAD	1.650	U
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	11.700	U
POTASSIUM	420.000	U
SELENIUM	3.670	I
SILVER	4.400	U
SODIUM	33.800	U
THALLIUM	6.130	U
VANADIUM	4.880	U
ZINC	1.330	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA05HGW0

Matrix: WATER **SDG Name:** CTO367-5

QC Batch ID: WA05HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.172	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: AWA05A Jan 05, 2006 12:53

Analyte	Result	C
ALUMINUM	-24.34	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-2.15	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 13:47

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-1.78	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 14:47

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	-1.97	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 16:00

Analyte	Result	C
ALUMINUM	55.21	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-21.32	I
CHROMIUM	-1.83	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	7.38	I
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 17:21

Analyte	Result	C
ALUMINUM	80.99	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-32.52	I
CHROMIUM	-1.61	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 18:41

Analyte	Result	C
ALUMINUM	107.45	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-36.80	I
CHROMIUM	-1.69	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 20:01

Analyte	Result	C
ALUMINUM	145.90	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-50.82	
CHROMIUM	-1.83	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 21:21

Analyte	Result	C
ALUMINUM	174.25	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-63.11	
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA05A Jan 05, 2006 22:40

Analyte	Result	C
ALUMINUM	181.87	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-61.78	
CHROMIUM	-1.87	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 05, 2006 23:54

Analyte	Result	C
ALUMINUM	169.22	I
ANTIMONY	-5.52	I
ARSENIC	3.45	U
CALCIUM	-62.10	
CHROMIUM	-1.82	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.73	I

SAMPLE: CCB

File: AWA05A Jan 06, 2006 1:14

Analyte	Result	C
ALUMINUM	152.00	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-53.27	
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.70	I

SAMPLE: CCB

File: AWA05A Jan 06, 2006 2:34

Analyte	Result	C
ALUMINUM	116.89	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-43.79	I
CHROMIUM	-1.64	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA05A Jan 06, 2006 3:27

Analyte	Result	C
ALUMINUM	-92.32	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-47.98	I
CHROMIUM	-1.50	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: AWA09B Jan 09, 2006 15:39

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 16:26

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	13.37	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA09B Jan 09, 2006 17:43

Analyte	Result	C
ALUMINUM	79.50	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	14.83	I
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB
File: AWA09B Jan 09, 2006 19:03

Analyte	Result	C
ALUMINUM	111.85	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-14.90	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB
File: AWA09B Jan 09, 2006 20:23

Analyte	Result	C
ALUMINUM	145.06	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-40.11	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	I

SAMPLE: CCB
File: AWA09B Jan 09, 2006 21:43

Analyte	Result	C
ALUMINUM	143.82	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-37.49	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.80	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA09B Jan 09, 2006 23:03

Analyte	Result	C
ALUMINUM	100.99	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-25.47	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.19	I
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.69	I

SAMPLE: CCB

File: AWA09B Jan 10, 2006 0:23

Analyte	Result	C
ALUMINUM	47.81	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-19.44	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA09B Jan 10, 2006 1:43

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA09B Jan 10, 2006 3:03

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.69	I

SAMPLE: CCB

File: AWA09B Jan 10, 2006 4:23

Analyte	Result	C
ALUMINUM	-73.23	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	21.88	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: AWA24A Jan 24, 2006 15:29

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.54	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	15.81	I
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	0.59	U

SAMPLE: CCB

File: AWA24A Jan 24, 2006 16:15

Analyte	Result	C
ALUMINUM	-189.89	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	-11.74	I
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	-3.18	I

SAMPLE: CCB

File: AWA24A Jan 24, 2006 16:31

Analyte	Result	C
ALUMINUM	22.00	U
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	-2.16	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: AWA24A Jan 24, 2006 17:50

Analyte	Result	C
ALUMINUM	26.76	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	6.44	I
THALLIUM	6.13	U
ZINC	-1.97	I

SAMPLE: CCB

File: AWA24A Jan 24, 2006 19:10

Analyte	Result	C
ALUMINUM	29.29	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	-2.10	I

SAMPLE: CCB

File: AWA24A Jan 24, 2006 20:30

Analyte	Result	C
ALUMINUM	40.30	I
ANTIMONY	4.11	U
ARSENIC	3.45	U
CALCIUM	11.30	U
CHROMIUM	1.01	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	14.10	I
SELENIUM	3.59	U
THALLIUM	6.13	U
ZINC	2.43	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: BWA05A Jan 05, 2006 12:34

Analyte	Result	C
ALUMINUM	-8.09	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	9.02	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	33.80	U
VANADIUM	4.88	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 13:19

Analyte	Result	C
ALUMINUM	42.32	I
BARIUM	1.17	U
BERYLLIUM	0.30	I
CADMIUM	4.36	U
CALCIUM	56.55	
COBALT	3.05	U
COPPER	2.86	U
IRON	23.88	I
MAGNESIUM	66.15	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	-4.50	I
SODIUM	33.80	U
VANADIUM	4.88	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 14:24

Analyte	Result	C
ALUMINUM	39.43	I
BARIUM	1.17	U
BERYLLIUM	0.30	I
CADMIUM	4.36	U
CALCIUM	54.01	
COBALT	3.05	U
COPPER	2.86	U
IRON	19.82	I
MAGNESIUM	62.56	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	112.27	I
VANADIUM	4.88	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB
File: BWA05A Jan 05, 2006 15:34

Analyte	Result	C
ALUMINUM	22.54	I
BARIUM	1.17	U
BERYLLIUM	0.38	I
CADMIUM	4.36	U
CALCIUM	41.15	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.11	I
MAGNESIUM	36.10	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	75.55	I
VANADIUM	4.88	U

SAMPLE: CCB
File: BWA05A Jan 05, 2006 16:39

Analyte	Result	C
ALUMINUM	7.96	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	36.15	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.24	I
MAGNESIUM	31.65	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	88.62	I
VANADIUM	4.88	U

SAMPLE: CCB
File: BWA05A Jan 05, 2006 17:50

Analyte	Result	C
ALUMINUM	4.34	I
BARIUM	1.17	U
BERYLLIUM	0.32	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	5.61	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	505.29	I
SILVER	4.40	U
SODIUM	33.80	U
VANADIUM	5.27	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 19:01

Analyte	Result	C
ALUMINUM	16.65	I
BARIUM	1.17	U
BERYLLIUM	0.51	I
CADMIUM	4.36	U
CALCIUM	40.99	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.92	I
MAGNESIUM	39.41	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-96.93	I
VANADIUM	4.88	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 20:12

Analyte	Result	C
ALUMINUM	38.04	I
BARIUM	1.17	U
BERYLLIUM	0.47	I
CADMIUM	4.36	U
CALCIUM	42.76	I
COBALT	3.05	U
COPPER	4.03	I
IRON	20.55	I
MAGNESIUM	51.93	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-83.15	I
VANADIUM	5.40	I

SAMPLE: CCB

File: BWA05A Jan 05, 2006 21:23

Analyte	Result	C
ALUMINUM	12.68	I
BARIUM	1.17	U
BERYLLIUM	0.42	I
CADMIUM	4.36	U
CALCIUM	92.99	
COBALT	3.05	U
COPPER	2.86	U
IRON	36.69	I
MAGNESIUM	26.00	U
MANGANESE	1.72	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-71.96	I
VANADIUM	4.88	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 22:34

Analyte	Result	C
ALUMINUM	-11.05	I
BARIUM	1.17	U
BERYLLIUM	0.46	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.14	I
COPPER	2.86	U
IRON	5.53	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-132.13	I
VANADIUM	4.88	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 23:45

Analyte	Result	C
ALUMINUM	-15.43	I
BARIUM	1.17	U
BERYLLIUM	0.57	I
CADMIUM	4.36	U
CALCIUM	22.24	I
COBALT	3.05	U
COPPER	2.86	U
IRON	11.80	I
MAGNESIUM	33.48	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	461.49	I
SILVER	4.40	U
SODIUM	-102.81	I
VANADIUM	4.88	U

SAMPLE: CCB

File: BWA05A Jan 06, 2006 0:56

Analyte	Result	C
ALUMINUM	14.80	I
BARIUM	1.17	U
BERYLLIUM	0.66	I
CADMIUM	4.36	U
CALCIUM	25.91	I
COBALT	3.05	U
COPPER	2.86	U
IRON	13.00	I
MAGNESIUM	33.80	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	603.20	I
SILVER	4.40	U
SODIUM	-59.53	I
VANADIUM	4.88	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 06, 2006 1:26

Analyte	Result	C
ALUMINUM	52.09	I
BARIUM	1.17	U
BERYLLIUM	0.65	I
CADMIUM	4.36	U
CALCIUM	38.82	I
COBALT	3.81	I
COPPER	2.86	U
IRON	23.57	I
MAGNESIUM	55.23	
MANGANESE	0.97	I
NICKEL	11.70	U
POTASSIUM	750.31	I
SILVER	4.40	U
SODIUM	-146.85	I
VANADIUM	6.55	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: BWA10B Jan 10, 2006 14:28

Analyte	Result	C
ALUMINUM	2.73	U
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	33.80	U

SAMPLE: CCB

File: BWA10B Jan 10, 2006 15:11

Analyte	Result	C
ALUMINUM	103.23	I
CALCIUM	103.36	
IRON	38.78	I
MAGNESIUM	113.83	
SODIUM	39.66	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 16:18

Analyte	Result	C
ALUMINUM	38.56	I
CALCIUM	24.73	I
IRON	10.06	I
MAGNESIUM	42.19	I
SODIUM	293.40	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: BWA10B Jan 10, 2006 17:05

Analyte	Result	C
ALUMINUM	61.86	I
CALCIUM	25.39	I
IRON	13.43	I
MAGNESIUM	39.67	I
SODIUM	70.76	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 18:21

Analyte	Result	C
ALUMINUM	20.46	I
CALCIUM	27.33	I
IRON	8.89	I
MAGNESIUM	26.00	U
SODIUM	43.10	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 19:32

Analyte	Result	C
ALUMINUM	76.28	I
CALCIUM	71.02	
IRON	27.89	I
MAGNESIUM	72.01	
SODIUM	379.36	I

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: BWA10B Jan 10, 2006 20:31

Analyte	Result	C
ALUMINUM	8.35	I
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	274.16	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 21:42

Analyte	Result	C
ALUMINUM	2.73	U
CALCIUM	21.40	U
IRON	3.79	U
MAGNESIUM	26.00	U
SODIUM	149.09	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 22:53

Analyte	Result	C
ALUMINUM	14.14	I
CALCIUM	21.40	U
IRON	4.16	I
MAGNESIUM	27.16	I
SODIUM	93.31	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICB

File: HWA05A Jan 05, 2006 12:17

Analyte	Result	C
MERCURY	0.02	I

SAMPLE: CCB

File: HWA05A Jan 05, 2006 12:43

Analyte	Result	C
MERCURY	0.06	I

SAMPLE: CCB

File: HWA05A Jan 05, 2006 13:08

Analyte	Result	C
MERCURY	0.04	I

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: CCB

File: HWA05A Jan 05, 2006 13:17

Analyte	Result	C
MERCURY	0.03	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 13:26

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507794	101.6
ANTIMONY	0	1	
ARSENIC	0	-1	
CALCIUM	500000	523970	104.8
CHROMIUM	2	8	
IRON	200000	207457	103.7
LEAD	5	4	
MAGNESIUM	500000	524763	105.0
SELENIUM	0	-11	
THALLIUM	0	1	
ZINC	4	-3	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 13:33

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503773	100.8
ANTIMONY	600	602	100.3
ARSENIC	100	96	96.0
CALCIUM	500000	518451	103.7
CHROMIUM	502	505	100.6
IRON	200000	205685	102.8
LEAD	55	55	100.0
MAGNESIUM	500000	518340	103.7
SELENIUM	50	44	88.0
THALLIUM	100	98	98.0
ZINC	1004	993	98.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 17:00

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495159	99.0
ANTIMONY	0	-2	
ARSENIC	0	0	
CALCIUM	500000	537166	107.4
CHROMIUM	2	7	
IRON	200000	210122	105.1
LEAD	5	3	
MAGNESIUM	500000	529923	106.0
SELENIUM	0	-10	
THALLIUM	0	0	
ZINC	4	-3	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 17:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	491837	98.4
ANTIMONY	600	616	102.7
ARSENIC	100	100	100.0
CALCIUM	500000	536704	107.3
CHROMIUM	502	534	106.4
IRON	200000	209814	104.9
LEAD	55	55	100.0
MAGNESIUM	500000	527488	105.5
SELENIUM	50	46	92.0
THALLIUM	100	98	98.0
ZINC	1004	1014	101.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 21:01

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	483769	96.8
ANTIMONY	0	2	
ARSENIC	0	-1	
CALCIUM	500000	522064	104.4
CHROMIUM	2	8	
IRON	200000	206386	103.2
LEAD	5	5	
MAGNESIUM	500000	516737	103.3
SELENIUM	0	-9	
THALLIUM	0	-5	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 21:07

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	481738	96.3
ANTIMONY	600	629	104.8
ARSENIC	100	96	96.0
CALCIUM	500000	519176	103.8
CHROMIUM	502	531	105.8
IRON	200000	205578	102.8
LEAD	55	53	96.4
MAGNESIUM	500000	513267	102.7
SELENIUM	50	41	82.0
THALLIUM	100	98	98.0
ZINC	1004	1001	99.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 05, 2006 23:34

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	485130	97.0
ANTIMONY	0	-2	
ARSENIC	0	2	
CALCIUM	500000	515425	103.1
CHROMIUM	2	7	
IRON	200000	205890	102.9
LEAD	5	7	
MAGNESIUM	500000	515577	103.1
SELENIUM	0	-10	
THALLIUM	0	-3	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA05A Jan 05, 2006 23:40

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	481106	96.2
ANTIMONY	600	629	104.8
ARSENIC	100	94	94.0
CALCIUM	500000	508658	101.7
CHROMIUM	502	525	104.6
IRON	200000	203501	101.8
LEAD	55	54	98.2
MAGNESIUM	500000	508604	101.7
SELENIUM	50	40	80.0
THALLIUM	100	89	89.0
ZINC	1004	984	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA05A Jan 06, 2006 03:07

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	498924	99.8
ANTIMONY	0	-3	
ARSENIC	0	-1	
CALCIUM	500000	498312	99.7
CHROMIUM	2	7	
IRON	200000	200865	100.4
LEAD	5	6	
MAGNESIUM	500000	507426	101.5
SELENIUM	0	-8	
THALLIUM	0	-4	
ZINC	4	-3	

SAMPLE: ICSAB

File: AWA05A Jan 06, 2006 03:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495710	99.1
ANTIMONY	600	618	103.0
ARSENIC	100	93	93.0
CALCIUM	500000	502629	100.5
CHROMIUM	502	511	101.8
IRON	200000	201706	100.9
LEAD	55	58	105.5
MAGNESIUM	500000	507731	101.5
SELENIUM	50	40	80.0
THALLIUM	100	93	93.0
ZINC	1004	970	96.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 09, 2006 16:06

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	505712	101.1
ANTIMONY	0	-1	
ARSENIC	0	-2	
CALCIUM	500000	532979	106.6
CHROMIUM	2	9	
IRON	200000	207589	103.8
LEAD	5	4	
MAGNESIUM	500000	526413	105.3
SELENIUM	0	2	
THALLIUM	0	-5	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA09B Jan 09, 2006 16:12

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	499416	99.9
ANTIMONY	600	592	98.7
ARSENIC	100	94	94.0
CALCIUM	500000	525007	105.0
CHROMIUM	502	503	100.2
IRON	200000	204798	102.4
LEAD	55	52	94.5
MAGNESIUM	500000	518088	103.6
SELENIUM	50	52	104.0
THALLIUM	100	93	93.0
ZINC	1004	978	97.4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 09, 2006 20:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	492594	98.5
ANTIMONY	0	1	
ARSENIC	0	0	
CALCIUM	500000	498981	99.8
CHROMIUM	2	9	
IRON	200000	198272	99.1
LEAD	5	6	
MAGNESIUM	500000	502563	100.5
SELENIUM	0	-3	
THALLIUM	0	-4	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA09B Jan 09, 2006 20:10

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	505049	101.0
ANTIMONY	600	621	103.5
ARSENIC	100	92	92.0
CALCIUM	500000	509975	102.0
CHROMIUM	502	514	102.4
IRON	200000	202898	101.4
LEAD	55	55	100.0
MAGNESIUM	500000	511918	102.4
SELENIUM	50	52	104.0
THALLIUM	100	99	99.0
ZINC	1004	991	98.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 10, 2006 00:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	502260	100.5
ANTIMONY	0	-4	
ARSENIC	0	0	
CALCIUM	500000	491460	98.3
CHROMIUM	2	9	
IRON	200000	196283	98.1
LEAD	5	8	
MAGNESIUM	500000	500176	100.0
SELENIUM	0	1	
THALLIUM	0	-3	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA09B Jan 10, 2006 00:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503675	100.7
ANTIMONY	600	603	100.5
ARSENIC	100	91	91.0
CALCIUM	500000	489843	98.0
CHROMIUM	502	486	96.8
IRON	200000	196126	98.1
LEAD	55	56	101.8
MAGNESIUM	500000	497989	99.6
SELENIUM	50	47	94.0
THALLIUM	100	90	90.0
ZINC	1004	957	95.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA09B Jan 10, 2006 04:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	562371	112.5
ANTIMONY	0	0	
ARSENIC	0	-1	
CALCIUM	500000	532857	106.6
CHROMIUM	2	10	
IRON	200000	213692	106.8
LEAD	5	8	
MAGNESIUM	500000	544780	109.0
SELENIUM	0	-1	
THALLIUM	0	-3	
ZINC	4	-2	

SAMPLE: ICSAB

File: AWA09B Jan 10, 2006 04:09

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	500958	100.2
ANTIMONY	600	572	95.3
ARSENIC	100	87	87.0
CALCIUM	500000	471895	94.4
CHROMIUM	502	446	88.8
IRON	200000	189682	94.8
LEAD	55	54	98.2
MAGNESIUM	500000	484345	96.9
SELENIUM	50	47	94.0
THALLIUM	100	85	85.0
ZINC	1004	927	92.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA24A Jan 24, 2006 15:55

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	474175	94.8
ANTIMONY	0	-5	
ARSENIC	0	-7	
CALCIUM	500000	498603	99.7
CHROMIUM	2	9	
IRON	200000	194075	97.0
LEAD	5	6	
MAGNESIUM	500000	491361	98.3
SELENIUM	0	-3	
THALLIUM	0	3	
ZINC	4	-1	

SAMPLE: ICSAB

File: AWA24A Jan 24, 2006 16:02

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	470296	94.1
ANTIMONY	600	591	98.5
ARSENIC	100	84	84.0
CALCIUM	500000	480228	96.0
CHROMIUM	502	493	98.2
IRON	200000	188306	94.2
LEAD	55	50	90.9
MAGNESIUM	500000	475444	95.1
SELENIUM	50	48	96.0
THALLIUM	100	85	85.0
ZINC	1004	957	95.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: AWA24A Jan 24, 2006 20:10

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	449805	90.0
ANTIMONY	0	-1	
ARSENIC	0	-6	
CALCIUM	500000	479066	95.8
CHROMIUM	2	9	
IRON	200000	185741	92.9
LEAD	5	5	
MAGNESIUM	500000	471055	94.2
SELENIUM	0	-2	
THALLIUM	0	1	
ZINC	4	0	

SAMPLE: ICSAB

File: AWA24A Jan 24, 2006 20:17

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	446527	89.3
ANTIMONY	600	582	97.0
ARSENIC	100	81	81.0
CALCIUM	500000	470563	94.1
CHROMIUM	502	490	97.6
IRON	200000	183238	91.6
LEAD	55	51	92.7
MAGNESIUM	500000	463220	92.6
SELENIUM	50	52	104.0
THALLIUM	100	81	81.0
ZINC	1004	961	95.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 12:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516038	103.2
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	2	
CALCIUM	500000	503260	100.7
COBALT	0	-4	
COPPER	0	-3	
IRON	200000	196276	98.1
MAGNESIUM	500000	514577	102.9
MANGANESE	4	7	
NICKEL	0	17	
POTASSIUM	0	56	
SILVER	0	3	
SODIUM	0	-73	
VANADIUM	0	-1	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 13:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	515311	103.1
BARIUM	500	518	103.6
BERYLLIUM	500	500	100.0
CADMIUM	1000	1027	102.7
CALCIUM	500000	502620	100.5
COBALT	500	481	96.2
COPPER	500	497	99.4
IRON	200000	196855	98.4
MAGNESIUM	500000	512815	102.6
MANGANESE	504	499	99.0
NICKEL	1000	1005	100.5
POTASSIUM	20000	19591	98.0
SILVER	200	215	107.5
SODIUM	20000	20481	102.4
VANADIUM	500	495	99.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 15:17

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516776	103.4
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	2	
CALCIUM	500000	513299	102.7
COBALT	0	-6	
COPPER	0	-2	
IRON	200000	198539	99.3
MAGNESIUM	500000	521442	104.3
MANGANESE	4	7	
NICKEL	0	21	
POTASSIUM	0	-44	
SILVER	0	5	
SODIUM	0	-54	
VANADIUM	0	3	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 15:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	521442	104.3
BARIUM	500	510	102.0
BERYLLIUM	500	495	99.0
CADMIUM	1000	1015	101.5
CALCIUM	500000	516620	103.3
COBALT	500	475	95.0
COPPER	500	490	98.0
IRON	200000	200344	100.2
MAGNESIUM	500000	526052	105.2
MANGANESE	504	494	98.0
NICKEL	1000	982	98.2
POTASSIUM	20000	20476	102.4
SILVER	200	211	105.5
SODIUM	20000	21124	105.6
VANADIUM	500	490	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 18:43

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512159	102.4
BARIUM	0	0	
BERYLLIUM	0	1	
CADMIUM	0	1	
CALCIUM	500000	502105	100.4
COBALT	0	-5	
COPPER	0	-3	
IRON	200000	193816	96.9
MAGNESIUM	500000	507159	101.4
MANGANESE	4	6	
NICKEL	0	20	
POTASSIUM	0	1	
SILVER	0	7	
SODIUM	0	-136	
VANADIUM	0	-2	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 18:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	513685	102.7
BARIUM	500	528	105.6
BERYLLIUM	500	494	98.8
CADMIUM	1000	1032	103.2
CALCIUM	500000	501648	100.3
COBALT	500	469	93.8
COPPER	500	499	99.8
IRON	200000	194733	97.4
MAGNESIUM	500000	507757	101.6
MANGANESE	504	494	98.0
NICKEL	1000	984	98.4
POTASSIUM	20000	20350	101.8
SILVER	200	216	108.0
SODIUM	20000	21288	106.4
VANADIUM	500	491	98.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 22:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	532705	106.5
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	3	
CALCIUM	500000	503544	100.7
COBALT	0	-5	
COPPER	0	-4	
IRON	200000	197232	98.6
MAGNESIUM	500000	517972	103.6
MANGANESE	4	5	
NICKEL	0	23	
POTASSIUM	0	-159	
SILVER	0	8	
SODIUM	0	-186	
VANADIUM	0	-2	

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 22:22

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	534064	106.8
BARIUM	500	545	109.0
BERYLLIUM	500	508	101.6
CADMIUM	1000	1058	105.8
CALCIUM	500000	503366	100.7
COBALT	500	474	94.8
COPPER	500	519	103.8
IRON	200000	198544	99.3
MAGNESIUM	500000	518526	103.7
MANGANESE	504	513	101.8
NICKEL	1000	989	98.9
POTASSIUM	20000	20693	103.5
SILVER	200	225	112.5
SODIUM	20000	21571	107.9
VANADIUM	500	505	101.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 06, 2006 01:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512651	102.5
BARIUM	0	0	
BERYLLIUM	0	1	
CADMIUM	0	4	
CALCIUM	500000	476470	95.3
COBALT	0	-6	
COPPER	0	-5	
IRON	200000	189241	94.6
MAGNESIUM	500000	493739	98.7
MANGANESE	4	4	
NICKEL	0	12	
POTASSIUM	0	149	
SILVER	0	6	
SODIUM	0	-248	
VANADIUM	0	1	

SAMPLE: ICSAB

File: BWA05A Jan 06, 2006 01:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	531814	106.4
BARIUM	500	524	104.8
BERYLLIUM	500	487	97.4
CADMIUM	1000	1017	101.7
CALCIUM	500000	493606	98.7
COBALT	500	452	90.4
COPPER	500	500	100.0
IRON	200000	196399	98.2
MAGNESIUM	500000	511374	102.3
MANGANESE	504	492	97.6
NICKEL	1000	961	96.1
POTASSIUM	20000	21622	108.1
SILVER	200	219	109.5
SODIUM	20000	22054	110.3
VANADIUM	500	485	97.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA10B Jan 10, 2006 14:53

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	517274	103.5
CALCIUM	500000	501227	100.2
IRON	200000	195653	97.8
MAGNESIUM	500000	511137	102.2
SODIUM	0	-119	

SAMPLE: ICSAB

File: BWA10B Jan 10, 2006 14:59

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512064	102.4
CALCIUM	500000	495775	99.2
IRON	200000	193996	97.0
MAGNESIUM	500000	505710	101.1
SODIUM	20000	20790	104.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA10B Jan 10, 2006 19:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	519455	103.9
CALCIUM	500000	497989	99.6
IRON	200000	193475	96.7
MAGNESIUM	500000	509341	101.9
SODIUM	0	646	

SAMPLE: ICSAB

File: BWA10B Jan 10, 2006 19:20

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	515348	103.1
CALCIUM	500000	492953	98.6
IRON	200000	191954	96.0
MAGNESIUM	500000	505336	101.1
SODIUM	20000	21438	107.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA10B Jan 10, 2006 22:35

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	525221	105.0
CALCIUM	500000	494454	98.9
IRON	200000	194913	97.5
MAGNESIUM	500000	510866	102.2
SODIUM	0	9	

SAMPLE: ICSAB

File: BWA10B Jan 10, 2006 22:41

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	521635	104.3
CALCIUM	500000	489734	97.9
IRON	200000	193640	96.8
MAGNESIUM	500000	506224	101.2
SODIUM	20000	21391	107.0

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 45GW0401S

Matrix: WATER | **SDG Name:** CTO367-5

Percent Solids: 0.00 | **Lab Sample ID:** WV6767-005P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2933.2900		633.3600		2000	115.0		75	125	P
ANTIMONY, TOTAL	501.9000		0.0600	U	500	100.4		75	125	P
ARSENIC, TOTAL	554.1600		6.8700	I	500	109.5		75	125	P
BARIUM, TOTAL	2364.7500		193.6300		2000	108.6		75	125	P
BERYLLIUM, TOTAL	52.4400		0.2200	U	50	104.9		75	125	P
CADMIUM, TOTAL	297.1500		0.9200	U	250	118.9		75	125	P
CALCIUM, TOTAL	46519.4000		42782.1600		2500	149.5	OK	75	125	P
CHROMIUM, TOTAL	201.1800		3.0700	I	200	99.1		75	125	P
COBALT, TOTAL	520.6700		1.2900	U	500	104.1		75	125	P
COPPER, TOTAL	398.9400		123.3200		250	110.2		75	125	P
IRON, TOTAL	2035.0300		923.0200		1000	111.2		75	125	P
LEAD, TOTAL	559.6800		16.4700		500	108.6		75	125	P
MAGNESIUM, TOTAL	27327.5400		21482.5000		5000	116.9		75	125	P
MANGANESE, TOTAL	603.6700		72.2500		500	106.3		75	125	P
MERCURY, TOTAL	1.2490		0.2430		1	100.6		75	125	CV
NICKEL, TOTAL	540.3800		7.4700	U	500	108.1		75	125	P
POTASSIUM, TOTAL	18847.7000		7832.6800		10000	110.2		75	125	P
SELENIUM, TOTAL	543.9500		-1.0100	U	500	108.8		75	125	P
SILVER, TOTAL	52.0000		-2.2000	U	50	104.0		75	125	P
SODIUM, TOTAL	267017.3300		251912.5500		7500	201.4	OK	75	125	P
THALLIUM, TOTAL	561.6200		1.5600	U	500	112.3		75	125	P
VANADIUM, TOTAL	548.6500		9.9600	I	500	107.7		75	125	P
ZINC, TOTAL	943.3600		441.6000		500	100.4		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** 45GW0401S

Matrix: WATER | **SDG Name:** CTO367-5

Percent Solids: 0.00 | **Lab Sample ID:** WV6767-005S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2935.5800		633.3600		2000	115.1		75	125	P
ANTIMONY, TOTAL	497.3400		0.0600	U	500	99.5		75	125	P
ARSENIC, TOTAL	550.2900		6.8700	I	500	108.7		75	125	P
BARIUM, TOTAL	2337.1300		193.6300		2000	107.2		75	125	P
BERYLLIUM, TOTAL	51.8500		0.2200	U	50	103.7		75	125	P
CADMIUM, TOTAL	290.9200		0.9200	U	250	116.4		75	125	P
CALCIUM, TOTAL	46752.0700		42782.1600		2500	158.8	ok	75	125	P
CHROMIUM, TOTAL	196.1600		3.0700	I	200	96.5		75	125	P
COBALT, TOTAL	515.6200		1.2900	U	500	103.1		75	125	P
COPPER, TOTAL	395.3500		123.3200		250	108.8		75	125	P
IRON, TOTAL	2054.4200		923.0200		1000	113.1		75	125	P
LEAD, TOTAL	552.6300		16.4700		500	107.2		75	125	P
MAGNESIUM, TOTAL	27455.1600		21482.5000		5000	119.5		75	125	P
MANGANESE, TOTAL	598.9700		72.2500		500	105.3		75	125	P
MERCURY, TOTAL	1.1510		0.2430		1	90.8		75	125	CV
NICKEL, TOTAL	524.9400		7.4700	U	500	105.0		75	125	P
POTASSIUM, TOTAL	18979.0900		7832.6800		10000	111.5		75	125	P
SELENIUM, TOTAL	536.8900		-1.0100	U	500	107.4		75	125	P
SILVER, TOTAL	49.5700		-2.2000	U	50	99.1		75	125	P
SODIUM, TOTAL	268342.6500		251912.5500		7500	219.1	ok	75	125	P
THALLIUM, TOTAL	550.8200		1.5600	U	500	110.2		75	125	P
VANADIUM, TOTAL	542.5900		9.9600	I	500	106.5		75	125	P
ZINC, TOTAL	934.3800		441.6000		500	98.6		75	125	P

Comments:

ICP SERIAL DILUTION

Lab Name: Katahdin Analytical Services **Client Field ID:** 45GW0401L

Matrix: WATER **SDG Name:** CTO367-5

Lab Sample ID: WV6767-005L

Concentration Units: ug/L

Analyte	Sample Result	C	Dilution Result	C	% Difference	Q	M
ALUMINUM, TOTAL	633.36		610.44	I	3.6		P
ANTIMONY, TOTAL	0.06	U	-7.75	U			P
ARSENIC, TOTAL	6.87	I	3.51	U	100.0		P
BARIUM, TOTAL	193.63		189.05		2.4		P
BERYLLIUM, TOTAL	0.22	U	0.98	U			P
CADMIUM, TOTAL	0.92	U	-0.34	U			P
CALCIUM, TOTAL	42782.16		41083.19		4.0		P
CHROMIUM, TOTAL	3.07	I	1.49	U	100.0		P
COBALT, TOTAL	1.29	U	3.94	U			P
COPPER, TOTAL	123.32		125.83		2.0		P
IRON, TOTAL	923.02		898.96		2.6		P
LEAD, TOTAL	16.47		14.85	I	9.8		P
MAGNESIUM, TOTAL	21482.50		20634.81		3.9		P
MANGANESE, TOTAL	72.25		72.99		1.0		P
NICKEL, TOTAL	7.47	U	29.22	U			P
POTASSIUM, TOTAL	7832.68		8074.15	I	3.1		P
SELENIUM, TOTAL	-1.01	U	0.58	U			P
SILVER, TOTAL	-2.20	U	-8.35	U			P
SODIUM, TOTAL	251912.55		244261.29		3.0		P
THALLIUM, TOTAL	1.56	U	-12.28	U			P
VANADIUM, TOTAL	9.96	I	27.15	I	172.6		P
ZINC, TOTAL	441.60		449.78		1.9		P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	22.00	P
ANTIMONY	8.0	4.11	P
ARSENIC	8.0	3.45	P
CHROMIUM	15	1.01	P
LEAD	5.0	1.65	P
SELENIUM	10	3.59	P
THALLIUM	15	6.13	P
ZINC	25	0.59	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
BARIUM	5.0	1.17	P
BERYLLIUM	5.0	0.29	P
CADMIUM	10	4.36	P
CALCIUM	50	21.40	P
COBALT	30	3.05	P
COPPER	25	2.86	P
IRON	100	3.79	P
MAGNESIUM	50	26.00	P
MANGANESE	5.0	0.70	P
NICKEL	40	11.70	P
POTASSIUM	2000	420.00	P
SILVER	15	4.40	P
SODIUM	1000	33.80	P
VANADIUM	25	4.88	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.02	CV

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/04

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
ANTIMONY	15.00	20000	P
ARSENIC	15.00	20000	P
BARIUM	15.00	20000	P
BERYLLIUM	15.00	20000	P
CADMIUM	15.00	20000	P
CALCIUM	15.00	500000	P
CHROMIUM	15.00	20000	P
COBALT	15.00	20000	P
COPPER	15.00	10000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P
MANGANESE	15.00	20000	P
NICKEL	15.00	20000	P
POTASSIUM	15.00	30000	P
SELENIUM	15.00	20000	P
SILVER	15.00	2500	P
SODIUM	15.00	200000	P
THALLIUM	15.00	20000	P
VANADIUM	15.00	20000	P
ZINC	15.00	10000	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/27/04

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	8.00	500000	P
ANTIMONY	8.00	20000	P
ARSENIC	8.00	20000	P
BARIUM	8.00	20000	P
BERYLLIUM	8.00	20000	P
CADMIUM	8.00	20000	P
CALCIUM	8.00	500000	P
CHROMIUM	8.00	20000	P
COBALT	8.00	20000	P
COPPER	8.00	20000	P
IRON	8.00	200000	P
LEAD	8.00	20000	P
MAGNESIUM	8.00	500000	P
MANGANESE	8.00	20000	P
NICKEL	8.00	10000	P
POTASSIUM	8.00	500000	P
SELENIUM	8.00	10000	P
SILVER	8.00	1000	P
SODIUM	8.00	500000	P
VANADIUM	8.00	20000	P
ZINC	8.00	20000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03ICW0

Matrix: WATER **SDG Name:** CTO367-5

Method: P **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03ICW0	LCSWWA03ICW0	0.05	0.05
PBWWA03ICW0	PBWWA03ICW0	0.05	0.05
46GW0401	WV6767-001	0.05	0.05
46GW0501	WV6767-002	0.05	0.05
46GW0601	WV6767-003	0.05	0.05
45GW0401	WV6767-005	0.05	0.05
45GW0401P	WV6767-005P	0.05	0.05
45GW0401S	WV6767-005S	0.05	0.05
45GW0501	WV6767-007	0.05	0.05
18GW0201	WV6767-008	0.05	0.05
45RB1219	WV6767-009	0.05	0.05
45GW0601	WV6767-010	0.05	0.05
45GW0701	WV6767-011	0.05	0.05
45GW1201	WV6767-012	0.05	0.05
45GW1301	WV6767-013	0.05	0.05
45GW1001	WV6767-014	0.05	0.05
45GW1101	WV6767-015	0.05	0.05
18GW0401	WV6767-016	0.05	0.05
45GW0801	WV6767-017	0.05	0.05
45GW0801D	WV6767-018	0.05	0.05
45GW0901	WV6767-019	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA05HGW0

Matrix: WATER **SDG Name:** CTO367-5

Method: CV **Prep Date:** 01/05/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA05HGW0	LCSWWA05HGW0	0.025	0.025
PBWWA05HGW0	PBWWA05HGW0	0.025	0.025
46GW0401	WV6767-001	0.025	0.025
46GW0501	WV6767-002	0.025	0.025
46GW0601	WV6767-003	0.025	0.025
45GW0401	WV6767-005	0.025	0.025
45GW0401P	WV6767-005P	0.025	0.025
45GW0401S	WV6767-005S	0.025	0.025
45GW0501	WV6767-007	0.025	0.025
18GW0201	WV6767-008	0.025	0.025
45RB1219	WV6767-009	0.025	0.025
45GW0601	WV6767-010	0.025	0.025
45GW0701	WV6767-011	0.025	0.025
45GW1201	WV6767-012	0.025	0.025
45GW1301	WV6767-013	0.025	0.025
45GW1001	WV6767-014	0.025	0.025
45GW1101	WV6767-015	0.025	0.025
18GW0401	WV6767-016	0.025	0.025
45GW0801	WV6767-017	0.025	0.025
45GW0801D	WV6767-018	0.025	0.025
45GW0901	WV6767-019	0.025	0.025

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	12:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
S1		1	12:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
AL IEC		1	12:19	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
FE IEC		1	12:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
MN IEC		1	12:33	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
IEC		1	12:39	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICV		1	12:46	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICB		1	12:53	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
PQL		1	13:06	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
0.1PPM CA,MG		1	13:13	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CRI		1	13:20	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSA		1	13:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSAB		1	13:33	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCV		1	13:41	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	13:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	13:54					
ZZZZZZ		1	14:01					
ZZZZZZ		1	14:07					
ZZZZZZ		1	14:14					
ZZZZZZ		1	14:21					
ZZZZZZ		1	14:27					
ZZZZZZ		1	14:34					
CCV		1	14:41	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	14:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	14:54					
ZZZZZZ		1	15:01					
ZZZZZZ		1	15:07					
ZZZZZZ		1	15:14					
ZZZZZZ		1	15:21					
ZZZZZZ		1	15:27					
ZZZZZZ		1	15:34					
ZZZZZZ		1	15:40					
ZZZZZZ		1	15:47					
CCV		1	15:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	16:00	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	16:07					
ZZZZZZ		1	16:14					
ZZZZZZ		1	16:20					
ZZZZZZ		1	16:27					
ZZZZZZ		1	16:34					
ZZZZZZ		1	16:40					
ZZZZZZ		5	16:47					
CRI		1	16:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSA		1	17:00	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSAB		1	17:08	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCV		1	17:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	17:21	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	17:28					
ZZZZZZ		1	17:34					
ZZZZZZ		1	17:41					

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ZZZZZZ		1	17:48					
ZZZZZZ		1	17:54					
ZZZZZZ		1	18:01					
ZZZZZZ		1	18:08					
ZZZZZZ		1	18:14					
ZZZZZZ		1	18:21					
ZZZZZZ		1	18:28					
CCV		1	18:34 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	18:41 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	18:48					
ZZZZZZ		1	18:54					
ZZZZZZ		1	19:01					
ZZZZZZ		1	19:07					
ZZZZZZ		5	19:14					
ZZZZZZ		1	19:21					
ZZZZZZ		1	19:27					
ZZZZZZ		1	19:34					
ZZZZZZ		1	19:41					
ZZZZZZ		1	19:47					
CCV		1	19:54 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	20:01 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	20:07					
ZZZZZZ		1	20:14					
ZZZZZZ		1	20:21					
ZZZZZZ		1	20:27					
ZZZZZZ		5	20:34					
ZZZZZZ		1	20:41					
ZZZZZZ		1	20:47					
CRI		1	20:54 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	21:01 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	21:07 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	21:14 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	21:21 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	21:27					
ZZZZZZ		1	21:34					
ZZZZZZ		1	21:41					
ZZZZZZ		1	21:47					
ZZZZZZ		1	21:54					
ZZZZZZ		1	22:01					
ZZZZZZ		5	22:07					
ZZZZZZ		1	22:14					
ZZZZZZ		1	22:20					
ZZZZZZ		1	22:27					
CCV		1	22:34 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	22:40 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	22:47					
ZZZZZZ		1	22:54					
ZZZZZZ		1	23:00					
ZZZZZZ		1	23:07					
ZZZZZZ		1	23:14					
ZZZZZZ		1	23:20					

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
CRI		1	23:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	23:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	23:40	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	23:47	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	23:54	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	0:00						
ZZZZZZ		1	0:07						
ZZZZZZ		1	0:14						
ZZZZZZ		1	0:20						
ZZZZZZ		1	0:27						
ZZZZZZ		1	0:34						
ZZZZZZ		1	0:40						
ZZZZZZ		1	0:47						
ZZZZZZ		1	0:54						
ZZZZZZ		1	1:00						
CCV		1	1:07	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	1:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	1:21						
ZZZZZZ		1	1:27						
ZZZZZZ		1	1:34						
ZZZZZZ		1	1:41						
ZZZZZZ		1	1:47						
ZZZZZZ		1	1:54						
ZZZZZZ		1	2:01						
ZZZZZZ		1	2:07						
ZZZZZZ		1	2:14						
LCSWWA03ICW0		1	2:21	Al Sb As	Cr	Pb	Se	Tl	Zn
CCV		1	2:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	2:34	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
PBWWA03ICW0		1	2:41	Al Sb As	Cr	Pb	Se	Tl	Zn
ZZZZZZ		1	2:47						
ZZZZZZ		1	2:54						
CRI		1	3:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	3:07	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	3:14	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	3:21	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	3:27	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/9/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	14:32	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
S1		1	14:38	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
AL IEC		1	14:48	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
FE IEC		1	14:55	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
MN IEC		1	15:01	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
IEC		1	15:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICV		1	15:32	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICB		1	15:39	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
PQL		1	15:46	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
0.1PPM CA,MG		1	15:52	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CRI		1	15:59	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSA		1	16:06	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSAB		1	16:12	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCV		1	16:19	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	16:26	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	16:32					
ZZZZZZ		1	16:39					
ZZZZZZ		1	16:50					
ZZZZZZ		1	16:57					
ZZZZZZ		1	17:04					
ZZZZZZ		1	17:10					
ZZZZZZ		1	17:17					
ZZZZZZ		1	17:23					
ZZZZZZ		1	17:30					
CCV		1	17:37	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	17:43	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	17:50					
ZZZZZZ		5	17:57					
ZZZZZZ		1	18:03					
ZZZZZZ		1	18:10					
ZZZZZZ		1	18:17					
ZZZZZZ		1	18:23					
ZZZZZZ		1	18:30					
ZZZZZZ		1	18:37					
ZZZZZZ		1	18:43					
ZZZZZZ		1	18:50					
CCV		1	18:57	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	19:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ZZZZZZ		1	19:10					
ZZZZZZ		1	19:17					
ZZZZZZ		1	19:23					
ZZZZZZ		1	19:30					
ZZZZZZ		1	19:36					
ZZZZZZ		1	19:43					
ZZZZZZ		1	19:50					
CRI		1	19:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSA		1	20:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
ICSAB		1	20:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCV		1	20:16	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn
CCB		1	20:23	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/9/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ZZZZZZ		1	20:30					
ZZZZZZ		1	20:36					
ZZZZZZ		5	20:43					
ZZZZZZ		1	20:50					
ZZZZZZ		1	20:56					
ZZZZZZ		1	21:03					
ZZZZZZ		1	21:10					
ZZZZZZ		1	21:16					
ZZZZZZ		1	21:23					
ZZZZZZ		1	21:30					
CCV		1	21:36 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	21:43 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	21:50					
ZZZZZZ		1	21:56					
ZZZZZZ		1	22:03					
ZZZZZZ		1	22:10					
ZZZZZZ		1	22:16					
ZZZZZZ		1	22:23					
ZZZZZZ		1	22:29					
ZZZZZZ		1	22:36					
ZZZZZZ		1	22:43					
ZZZZZZ		1	22:49					
CCV		1	22:56 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	23:03 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	23:09					
ZZZZZZ		1	23:16					
ZZZZZZ		1	23:23					
ZZZZZZ		1	23:29					
ZZZZZZ		1	23:36					
ZZZZZZ		1	23:43					
ZZZZZZ		1	23:49					
CRI		1	23:56 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	0:03 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	0:09 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	0:16 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	0:23 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	0:29					
ZZZZZZ		1	0:36					
ZZZZZZ		1	0:43					
ZZZZZZ		1	0:49					
ZZZZZZ		5	0:56					
ZZZZZZ		1	1:03					
ZZZZZZ		1	1:09					
WV6767-001	46GW0401	1	1:16 Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-002	46GW0501	1	1:23 Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-003	46GW0601	1	1:29 Al Sb As	Cr	Pb	Se	Tl	Zn
CCV		1	1:36 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	1:43 Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
WV6767-005	45GW0401	1	1:49 Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-005L	45GW0401L	5	1:56 Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-005P	45GW0401P	1	2:03 Al Sb As	Cr	Pb	Se	Tl	Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA09B

Date: 1/10/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements					
WV6767-005S	45GW0401S	1	2:09	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-007	45GW0501	1	2:16	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-008	18GW0201	1	2:23	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-009	45RB1219	1	2:29	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-010	45GW0601	1	2:36	Al Sb As	Cr	Pb	Se	Tl	Zn
ZZZZZZ		1	2:43						
WV6767-012	45GW1201	1	2:49	Al Sb As	Cr	Pb	Se	Tl	Zn
CCV		1	2:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	3:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
WV6767-013	45GW1301	1	3:09	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-014	45GW1001	1	3:16	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-015	45GW1101	1	3:23	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-016	18GW0401	1	3:29	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-017	45GW0801	1	3:36	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-018	45GW0801D	1	3:43	Al Sb As	Cr	Pb	Se	Tl	Zn
WV6767-019	45GW0901	1	3:49	Al Sb As	Cr	Pb	Se	Tl	Zn
CRI		1	3:56	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	4:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	4:09	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	4:16	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	4:23	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA24A

Date: 1/24/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements					
S0		1	14:30	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
S1		1	14:36	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
AL IEC		1	14:46	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
FE IEC		1	14:53	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
MN IEC		1	14:59	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
IEC		1	15:06	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICV		1	15:13	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICB		1	15:29	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
PQL		1	15:35	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
0.1PPM CA,MG		1	15:42	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CRI		1	15:49	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	15:55	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSAB		1	16:02	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	16:09	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	16:15	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCV		1	16:24	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	16:31	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		5	16:37						
ZZZZZZ		1	16:44						
WV6767-011	45GW0701	1	16:51	Al Sb As	Cr	Pb	Se	Tl	Zn
ZZZZZZ		1	16:57						
ZZZZZZ		1	17:04						
ZZZZZZ		1	17:10						
ZZZZZZ		1	17:17						
ZZZZZZ		1	17:24						
ZZZZZZ		1	17:30						
ZZZZZZ		1	17:37						
CCV		1	17:44	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	17:50	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	17:57						
ZZZZZZ		1	18:04						
ZZZZZZ		1	18:10						
ZZZZZZ		1	18:17						
ZZZZZZ		1	18:24						
ZZZZZZ		1	18:30						
ZZZZZZ		1	18:37						
ZZZZZZ		5	18:44						
ZZZZZZ		1	18:50						
ZZZZZZ		1	18:57						
CCV		1	19:04	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
CCB		1	19:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ZZZZZZ		1	19:17						
ZZZZZZ		1	19:24						
ZZZZZZ		1	19:30						
ZZZZZZ		3	19:37						
ZZZZZZ		1	19:43						
ZZZZZZ		1	19:50						
ZZZZZZ		1	19:57						
CRI		1	20:03	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn
ICSA		1	20:10	Al Sb As	Ca Cr	Fe Pb Mg	Se	Tl	Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA TRACE ICP **File Name:** AWA24A

Date: 1/24/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements						
ICSAB		1	20:17	Al Sb As	Ca Cr	Fe Pb Mg		Se	Tl	Zn
CCV		1	20:23	Al Sb As	Ca Cr	Fe Pb Mg		Se	Tl	Zn
CCB		1	20:30	Al Sb As	Ca Cr	Fe Pb Mg		Se	Tl	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
S0		1	11:59	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
S1		1	12:05	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
AL IEC		1	12:10	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
FE IEC		1	12:19	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICV		1	12:28	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICB		1	12:34	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
PQL		1	12:40	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
0.1 PPM CA,MG		1	12:45	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CRI		1	12:51	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSA		1	12:57	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSAB		1	13:03	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCV		1	13:09	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	13:19	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		5	13:25									
ZZZZZZ		1	13:30									
ZZZZZZ		1	13:36									
ZZZZZZ		1	13:42									
ZZZZZZ		1	13:48									
ZZZZZZ		1	13:54									
ZZZZZZ		1	14:00									
ZZZZZZ		1	14:06									
ZZZZZZ		1	14:12									
CCV		1	14:18	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	14:24	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	14:29									
ZZZZZZ		1	14:35									
ZZZZZZ		1	14:41									
ZZZZZZ		1	14:47									
ZZZZZZ		1	14:53									
ZZZZZZ		1	14:59									
ZZZZZZ		1	15:05									
CRI		1	15:11	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSA		1	15:17	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSAB		1	15:23	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCV		1	15:29	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	15:34	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	15:40									
ZZZZZZ		1	15:46									
ZZZZZZ		5	15:52									
ZZZZZZ		1	15:58									
ZZZZZZ		1	16:04									
ZZZZZZ		1	16:10									
ZZZZZZ		1	16:16									
ZZZZZZ		1	16:22									
ZZZZZZ		1	16:28									
CCV		1	16:34	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	16:39	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	16:45									
ZZZZZZ		1	16:51									
ZZZZZZ		1	16:57									

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
ZZZZZZ		5	17:03									
ZZZZZZ		1	17:09									
ZZZZZZ		1	17:15									
ZZZZZZ		1	17:21									
ZZZZZZ		1	17:27									
ZZZZZZ		1	17:33									
ZZZZZZ		1	17:38									
CCV		1	17:44	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	17:50	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	17:56									
ZZZZZZ		1	18:02									
ZZZZZZ		1	18:08									
ZZZZZZ		1	18:14									
ZZZZZZ		1	18:20									
ZZZZZZ		1	18:26									
ZZZZZZ		1	18:32									
CRI		1	18:38	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSA		1	18:43	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ICSAB		1	18:49	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCV		1	18:55	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	19:01	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	19:07									
ZZZZZZ		1	19:13									
ZZZZZZ		1	19:19									
ZZZZZZ		1	19:25									
ZZZZZZ		1	19:31									
ZZZZZZ		1	19:37									
LCSWWA03ICW0		1	19:42		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
PBWWA03ICW0		1	19:48		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
ZZZZZZ		1	19:54									
ZZZZZZ		1	20:00									
CCV		1	20:06	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	20:12	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-001	46GW0401	1	20:18		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-002	46GW0501	1	20:24		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-003	46GW0601	1	20:30		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-005	45GW0401	1	20:36		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-005L	45GW0401L	5	20:42		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-005P	45GW0401P	1	20:48		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-005S	45GW0401S	1	20:53		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-007	45GW0501	1	20:59		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-008	18GW0201	1	21:05		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-009	45RB1219	1	21:11		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCV		1	21:17	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
CCB		1	21:23	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-010	45GW0601	1	21:29		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-011	45GW0701	1	21:35		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag	V	
WV6767-012	45GW1201	1	21:41		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-013	45GW1301	1	21:47		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-014	45GW1001	1	21:53		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	
WV6767-015	45GW1101	1	21:59		Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
WV6767-016	18GW0401	1	22:04	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CRI		1	22:10 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ICSA		1	22:16 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ICSAB		1	22:22 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCV		1	22:28 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCB		1	22:34 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
WV6767-017	45GW0801	1	22:40	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
WV6767-018	45GW0801D	1	22:46	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
WV6767-019	45GW0901	1	22:52	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ZZZZZZ		1	22:58									
ZZZZZZ		1	23:04									
ZZZZZZ		1	23:09									
ZZZZZZ		1	23:15									
ZZZZZZ		1	23:21									
ZZZZZZ		1	23:27									
ZZZZZZ		1	23:33									
CCV		1	23:39 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCB		1	23:45 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ZZZZZZ		1	23:51									
ZZZZZZ		1	23:57									
ZZZZZZ		1	0:03									
ZZZZZZ		1	0:09									
ZZZZZZ		1	0:15									
ZZZZZZ		1	0:21									
ZZZZZZ		1	0:26									
ZZZZZZ		1	0:32									
ZZZZZZ		1	0:38									
ZZZZZZ		1	0:44									
CCV		1	0:50 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCB		1	0:56 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CRI		1	1:02 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ICSA		1	1:08 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
ICSAB		1	1:14 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCV		1	1:20 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		
CCB		1	1:26 Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V		

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA 61 ICP **File Name:** BWA10B

Date: 1/10/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
S0		1	13:54 Al	Ca	Fe	Mg	Na
S1		1	13:59 Al	Ca	Fe	Mg	Na
AL IEC		1	14:05 Al	Ca	Fe	Mg	Na
FE IEC		1	14:14 Al	Ca	Fe	Mg	Na
ICV		1	14:22 Al	Ca	Fe	Mg	Na
ICB		1	14:28 Al	Ca	Fe	Mg	Na
PQL		1	14:35 Al	Ca	Fe	Mg	Na
0.1 PPM CA,MG		1	14:41 Al	Ca	Fe	Mg	Na
CRI		1	14:47 Al	Ca	Fe	Mg	Na
ICSA		1	14:53 Al	Ca	Fe	Mg	Na
ICSAB		1	14:59 Al	Ca	Fe	Mg	Na
CCV		1	15:05 Al	Ca	Fe	Mg	Na
CCB		1	15:11 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	15:37				
ZZZZZZ		1	15:43				
ZZZZZZ		1	15:49				
ZZZZZZ		10	15:55				
ZZZZZZ		1	16:01				
ZZZZZZ		1	16:07				
CCV		1	16:13 Al	Ca	Fe	Mg	Na
CCB		1	16:18 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	16:24				
ZZZZZZ		1	16:30				
ZZZZZZ		1	16:36				
ZZZZZZ		1	16:42				
ZZZZZZ		1	16:48				
CCV		1	16:59 Al	Ca	Fe	Mg	Na
CCB		1	17:05 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	17:16				
ZZZZZZ		1	17:22				
ZZZZZZ		1	17:28				
ZZZZZZ		2	17:34				
ZZZZZZ		5	17:40				
ZZZZZZ		1	17:46				
ZZZZZZ		1	17:52				
ZZZZZZ		1	17:58				
ZZZZZZ		1	18:03				
ZZZZZZ		1	18:09				
CCV		1	18:15 Al	Ca	Fe	Mg	Na
CCB		1	18:21 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	18:27				
ZZZZZZ		1	18:33				
ZZZZZZ		1	18:39				
ZZZZZZ		1	18:45				
ZZZZZZ		1	18:51				
ZZZZZZ		5	18:57				
ZZZZZZ		1	19:03				
CRI		1	19:08 Al	Ca	Fe	Mg	Na
ICSA		1	19:14 Al	Ca	Fe	Mg	Na
ICSAB		1	19:20 Al	Ca	Fe	Mg	Na

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: TJA 61 ICP **File Name:** BWA10B

Date: 1/10/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
CCV		1	19:26 Al	Ca	Fe	Mg	Na
CCB		1	19:32 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	19:38				
ZZZZZZ		1	19:44				
ZZZZZZ		1	19:50				
ZZZZZZ		1	19:56				
ZZZZZZ		1	20:02				
ZZZZZZ		1	20:07				
ZZZZZZ		1	20:13				
ZZZZZZ		1	20:19				
CCV		1	20:25 Al	Ca	Fe	Mg	Na
CCB		1	20:31 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	20:37				
ZZZZZZ		5	20:43				
ZZZZZZ		1	20:49				
ZZZZZZ		1	20:55				
WV6767-011	45GW0701	3	21:01				Na
ZZZZZZ		1	21:07				
ZZZZZZ		1	21:12				
ZZZZZZ		1	21:18				
ZZZZZZ		1	21:24				
ZZZZZZ		1	21:30				
CCV		1	21:36 Al	Ca	Fe	Mg	Na
CCB		1	21:42 Al	Ca	Fe	Mg	Na
ZZZZZZ		1	21:48				
ZZZZZZ		1	21:54				
ZZZZZZ		1	22:00				
ZZZZZZ		1	22:06				
ZZZZZZ		1	22:12				
ZZZZZZ		1	22:17				
ZZZZZZ		1	22:23				
CRI		1	22:29 Al	Ca	Fe	Mg	Na
ICSA		1	22:35 Al	Ca	Fe	Mg	Na
ICSAB		1	22:41 Al	Ca	Fe	Mg	Na
CCV		1	22:47 Al	Ca	Fe	Mg	Na
CCB		1	22:53 Al	Ca	Fe	Mg	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-5

Instrument ID: CETAC M6100 **File Name:** HWA05A

Date: 1/5/06 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	12:02	Hg
Standard #1 (0.2 p		1	12:04	Hg
Standard #2 (0.5 p		1	12:06	Hg
Standard #3 (1.0 p		1	12:09	Hg
Standard #4 (5.0 p		1	12:11	Hg
Standard #5 (10.0		1	12:13	Hg
ICV		1	12:15	HG
ICB		1	12:17	HG
CRA		1	12:19	HG
LCSWWA05HGW0		1	12:21	HG
PBWWA05HGW0		1	12:23	HG
WV6767-001	46GW0401	1	12:26	HG
WV6767-002	46GW0501	1	12:28	HG
WV6767-003	46GW0601	1	12:30	HG
WV6767-005	45GW0401	1	12:32	HG
WV6767-005S	45GW0401S	1	12:34	HG
WV6767-005P	45GW0401P	1	12:36	HG
WV6767-007	45GW0501	1	12:38	HG
CCV		1	12:40	HG
CCB		1	12:43	HG
WV6767-008	18GW0201	1	12:45	HG
WV6767-009	45RB1219	1	12:47	HG
WV6767-010	45GW0601	1	12:49	HG
WV6767-011	45GW0701	1	12:51	HG
WV6767-012	45GW1201	1	12:53	HG
WV6767-013	45GW1301	1	12:55	HG
WV6767-014	45GW1001	1	12:57	HG
WV6767-015	45GW1101	1	13:00	HG
WV6767-016	18GW0401	1	13:02	HG
WV6767-017	45GW0801	1	13:04	HG
CCV		1	13:06	HG
CCB		1	13:08	HG
WV6767-018	45GW0801D	1	13:10	HG
WV6767-019	45GW0901	1	13:12	HG
CCV		1	13:14	HG
CCB		1	13:17	HG

NAS PENSACOLA
WATER DATA
CTO367-5

FRACTION	CHEMICAL	45GW0801	UNITS	45GW0801D	RPD	D
M	ALUMINUM	239 I	UG/L	203 I	16.29	36.00
M	BARIUM	42.1	UG/L	42.3	0.47	0.20
M	CALCIUM	19400	UG/L	20000	3.05	600.00
M	IRON	508	UG/L	434	15.71	74.00
M	LEAD	2.4 I	UG/L	2.1 I	13.33	0.30
M	MAGNESIUM	3860	UG/L	3930	1.80	70.00
M	MANGANESE	13.7	UG/L	12.5	9.16	1.20
M	MERCURY	ND	UG/L	0.04 I	NC	NC
M	POTASSIUM	2270	UG/L	2690	16.94	420.00
M	SODIUM	32300	UG/L	32900	1.84	600.00
M	VANADIUM	7.6 I	UG/L	7.7 I	1.31	0.10
M	ZINC	70.5	UG/L	66	6.59	4.50

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

#1	.00653	-.00034	.11254	.00166	-.00077	.04185	.03087
#2	.00742	-.00090	.11102	-.00011	-.00030	.04095	.03057

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.00626	.00082	-.00105	-.00174	-.00035	-.00244	.00001
SDev	.00013	.00058	.00269	.00032	.00244	.00074	.00040
%RSD	2.1308	70.930	255.53	18.398	703.68	30.114	4250.3

#1	.00635	.00041	-.00296	-.00197	-.00207	-.00192	.00030
#2	.00616	.00124	.00085	-.00152	.00138	-.00296	-.00028

Elem	2203/2	1960/1	1960/2
Units			
Avge	.00123	.00061	-.00188
SDev	.00108	.00079	.00443
%RSD	87.635	129.91	235.19

#1	.00047	.00117	-.00502
#2	.00199	.00005	.00125

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	32798	--	--	--	--	--	--
SDev	224.8599	--	--	--	--	--	--
%RSD	.6855904	--	--	--	--	--	--

#1	32639	--	--	--	--	--	--
#2	32957	--	--	--	--	--	--

Method: NONAK Sample Name: WV6767-008 Operator:
Run Time: 01/10/06 02:23:04
Comment:
Mode: CONC Corr. Factor: 1

Sample: 186W0201

Pb = 45 mg/L

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.79538	.00882	.14352	.00021	.12146	.00106	36.238
SDev	.03244	.00007	.00393	.00047	.00445	.00007	1.008
%RSD	4.0783	.81518	2.7412	226.38	3.6655	6.8026	2.7803

#1	.81831	.00887	.14631	-.00012	.12461	.00101	36.951
#2	.77244	.00877	.14074	.00054	.11831	.00111	35.526

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00225	-.00022	.04313	.94781	10.994	.02634	-.00004
SDev	.00021	.00009	.00210	.02506	.305	.00065	.00014
%RSD	9.1734	41.052	4.8595	2.6439	2.7750	2.4639	318.97

#1	.00211	-.00029	.04462	.96553	11.210	.02679	-.00014
#2	.00240	-.00016	.04165	.93009	10.778	.02588	.00005

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00160	.00019	.13685	-.00310	-.00047	.00761	.00599
SDev	.00002	.00030	.00401	.00340	.00003	.00027	.00032
%RSD	1.3511	161.42	2.9323	109.86	6.1928	3.5962	5.3593
#1	.00159	.00040	.13969	-.00551	-.00049	.00781	.00621
#2	.00162	-.00003	.13401	-.00069	-.00045	.00742	.00576

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.32986	.04496	.00023	-.00166	-.00111	-.00194	.04451
SDev	.01030	.00149	.00380	.00006	.00221	.00120	.00141
%RSD	3.1231	3.3229	1633.5	3.6088	199.56	61.628	3.1693
#1	.33714	.04601	-.00245	-.00171	.00046	-.00279	.04551
#2	.32258	.04390	.00292	-.00162	-.00268	-.00109	.04352

Elem	2203/2	1960/1	1960/2
Units			
Avge	.04518	-.00074	.00072
SDev	.00153	.00544	.00298
%RSD	3.3985	730.18	413.66
#1	.04627	-.00459	-.00139
#2	.04409	.00310	.00283

0.04496 mg/L x 1000 = 44.96 µg/L ✓

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	32520	--	--	--	--	--	--
SDev	960.9581	--	--	--	--	--	--
%RSD	2.954930	--	--	--	--	--	--
#1	31841	--	--	--	--	--	--
#2	33200	--	--	--	--	--	--

Method: NONAK Sample Name: WV6767-009 Operator:
Run Time: 01/10/06 02:29:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00879	-.00189	.00007	-.00029	.01757	.00019	.04629
SDev	.01055	.00186	.00007	.00023	.00054	.00016	.00229
%RSD	119.96	98.564	98.241	78.952	3.0611	86.268	4.9471
#1	-.00133	-.00320	.00011	-.00046	.01795	.00030	.04791
#2	-.01625	-.00057	.00002	-.00013	.01719	.00007	.04467

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	-.00006	-.00047	.00153	.00309	.01015	.00002	-.00004
SDev	.00079	.00027	.00097	.00188	.00532	.00005	.00067
%RSD	1322.3	56.942	63.387	60.883	52.388	212.48	1813.6

SDG CTO367-5
Sample 18GW0401
Mercury

X-VALUE	Y-VALUE		CORREL	SLOPE
800	0.2		0.999468	0.000583056
1285	0.5		Y-INTERC	
2120	1		-0.206033	
8518	5			
17686	10			
11609	6.562669799			

Concentration 6.562669799 ug/L

Dilution factor 1

CETAC Hg Analysis Report

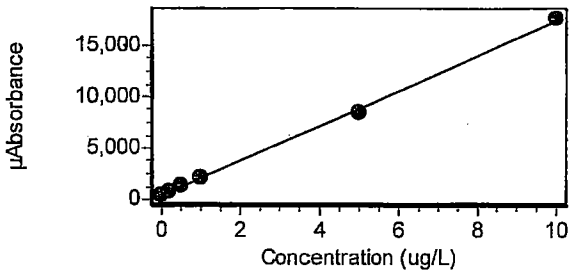
Analyst: MERCURY ANALYZER
Worksheet file: C:\Program Files\QuickTrace\Worksheets\HWA05A.wsz
Date Started: 1/5/2006 11:57:10 AM
Comment:

Results

Sample Name					Type	Date/Time	Conc (ug/L)	µAbs	%RSD	Flags	DF
Calibration Blank					STD	01/05/06 12:02:46 pm	0.000	420	4.51		1.00
Replicates	411.3	415.6	448.0	405.8							
Standard #1 (0.2 ppb)					STD	01/05/06 12:04:52 pm	0.200	800	1.39		1.00
Replicates	789.1	810.6	791.5	808.1							
Standard #2 (0.5 ppb)					STD	01/05/06 12:06:59 pm	0.500	1285	3.33		1.00
Replicates	1222.9	1320.9	1291.9	1302.9							
Standard #3 (1.0 ppb)					STD	01/05/06 12:09:06 pm	1.000	2120	1.91		1.00
Replicates	2062.6	2136.0	2156.3	2126.3							
Standard #4 (5.0 ppb)					STD	01/05/06 12:11:13 pm	5.000	8518	1.24		1.00
Replicates	8373.8	8512.0	8565.0	8620.8							
Standard #5 (10.0 ppb)					STD	01/05/06 12:13:21 pm	10.000	17686	1.33		1.00
Replicates	17385.7	17636.4	17783.3	17939.9							

Calibration

Equation: A = 375.363 + 1711.194C
Correlation: 0.99905
SEE: 272.8514
Flags:



ICV					ICV	01/05/06 12:15:30 pm	6.142	10886	1.79		1.00
Replicates	10639.2	10828.0	11003.4	11074.5							
% Recovery	102.37										
ICB					ICB	01/05/06 12:17:36 pm	0.020	409	2.34		1.00
Replicates	396.8	413.1	419.3	407.1							
CRA					CRDL	01/05/06 12:19:41 pm	0.265	829	3.16		1.00
Replicates	795.7	858.2	837.3	823.5							
% Recovery	132.45										

Katahdin Analytical Services 4000767

Sample Name					Type	Date/Time	Conc (ug/L)	µAbs	%RSD	Flags	DF
WV6767-009					UNK	01/05/06 12:47:15 pm	0.059	476	2.26		1.00
Replicates	490.8	471.4	476.9	465.7							
WV6767-010					UNK	01/05/06 12:49:23 pm	0.102	550	4.16		1.00
Replicates	526.9	534.4	572.5	567.0							
WV6767-011					UNK	01/05/06 12:51:31 pm	0.102	549	4.02		1.00
Replicates	519.2	570.4	560.0	547.7							
WV6767-012					UNK	01/05/06 12:53:39 pm	0.058	474	8.89		1.00
Replicates	482.6	450.8	529.1	433.1							
WV6767-013					UNK	01/05/06 12:55:48 pm	0.037	438	6.81		1.00
Replicates	425.3	433.4	412.6	480.9							
WV6767-014					UNK	01/05/06 12:57:55 pm	0.017	404	5.71		1.00
Replicates	383.9	407.5	388.8	434.8							
WV6767-015					UNK	01/05/06 01:00:03 pm	0.059	477	6.39		1.00
Replicates	516.5	442.1	475.8	474.1							
WV6767-016 Sample: 18GW0401					UNK	01/05/06 01:02:11 pm	6.565	11609	1.25		1.00
Replicates	11403.3	11606.8	11715.5	11708.3							
WV6767-017					UNK	01/05/06 01:04:20 pm	0.017	405	4.61		1.00
Replicates	392.3	422.6	386.1	419.8							
CCV					CCV	01/05/06 01:06:27 pm	4.973	8885	1.23		1.00
Replicates	8750.7	8867.4	8907.9	9015.3							
% Recovery	99.46										
CCB					CCB	01/05/06 01:08:33 pm	0.044	450	3.73		1.00
Replicates	432.7	439.4	460.0	468.2							
WV6767-018					UNK	01/05/06 01:10:42 pm	0.039	442	6.07		1.00
Replicates	418.8	420.4	473.8	453.9							

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: G. WALKER **DATE:** FEBRUARY 21, 2006

FROM: BERNARD F SPADA III **COPIES:** DV FILE

SUBJECT: ORGANIC DATA VALIDATION- VOC/EDB/SVOC/PAH/PEST/PCB/PRO
CTO 367, NAS PENSACOLA
SDG CTO367-6

SAMPLES: 13/Aqueous

38GW0501	38GW1301	38GW1I01
38GW1S01	38GW3I01	38GW3S01
46GW1701	46GW1701D	46GW1801
46GW1901	46GW2001	46GW2001D
46TB1220		

OVERVIEW

The sample set for CTO 367, NAS Pensacola, SDG CTO367-6 consists of ten (10) environmental aqueous samples, one (1) trip blank, and two (2) field duplicates. All samples were analyzed for volatile organic compounds (VOC). All samples except the trip blank were also analyzed for ethylene dibromide (EDB), semivolatile organic compounds (SVOC), polynuclear aromatic hydrocarbons (PAH), pesticides (PEST), polychlorinated biphenyls (PCB), and petroleum range organics (PRO). The field duplicate pairs included in this SDG are (46GW1701 / 46GW1701D) and (46GW2001 / 46GW2001D).

The samples were collected by Tetra Tech NUS on December 20, 2005 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8260B, 8270C, 8081A, 8082, and 8270SIM, Florida PRO, and EPA Method 504.1 analytical and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

- Data completeness
- Holding times
- * GC/MS Tuning
- Initial and continuing calibration
- * Blank results
- Surrogate spike recoveries
- Internal standard recoveries
- Blank Spike/Blank Spike Duplicate Results
- Matrix Spike/Matrix Spike Duplicate Results
- * Field Duplicate Precision
- * Compound Quantitation
- * Compound Identification
- * Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are included in Appendix B.

Volatile

All initial and continuing calibrations were below the 0.05 relative response factor (RRF) quality control criterion for acetone and 2-butanone. Non-detected results for the aforementioned compounds were rejected (UR) in all samples.

The percent recoveries of bromodichloromethane and styrene exceeded the quality control criterion in the blank spike (WG24290-LCS). No action was taken on this basis because all results for the aforementioned compounds were non-detected.

The percent recovery of styrene exceeded the percent recovery quality control criterion in the blank spike (WG24314-LCS). No action was taken on this basis because all results for styrene were non-detected.

An MS/MSD was not performed with this SDG for all fractions. No action was taken on this basis. This item is noted as a completeness issue.

Positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

EDB

The surrogate tetrachloro-m-xylene was below the percent recovery quality control criterion on both columns in samples 46GW2001 and 46GW2001D. The samples were not re-analyzed. According to the laboratory, the samples were not re-analyzed because of matrix interference. The laboratory identified bubbles in the hexane layer of the extraction as the matrix interference. The non-detected result for 1,2-dibromoethane was qualified as estimated (UJ) in samples 46GW2001 and 46GW2001D.

The surrogate tetrachloro-m-xylene exceeded the percent recovery quality control criterion on both columns in sample 46GW1901. No action was taken on this basis because the result was non-detected.

The surrogate tetrachloro-m-xylene exceeded the percent recovery quality control criterion on one column and was below criterion on the other in sample 38GW3I01. The sample was not re-analyzed. According to the laboratory, the sample was not re-analyzed because of matrix interference. The laboratory identified bubbles in the hexane layer of the extraction as the matrix interference. The non-detected result for 1,2-dibromoethane was qualified as estimated (UJ) in sample 38GW3I01.

An MS/MSD was not performed with this SDG. No action was taken on this basis because an LCS/LCSD was performed.

Semivolatile

The initial calibration performed on January 10, 2006 exceeded the 30% RSD quality control criterion for hexachlorocyclopentadiene. Non-detected results for hexachlorocyclopentadiene were qualified as estimated (UJ) in all samples.

All continuing calibrations exceeded the 25% difference quality control criterion for hexachlorocyclopentadiene. Non-detected results for hexachlorocyclopentadiene were qualified as estimated (UJ) in all samples.

The continuing calibration performed on January 20 at 09:39 exceeded the 25% difference quality control criterion for 4-nitrophenol. Non-detected results for the aforementioned compounds were qualified as estimated (UJ) in samples 46GW1701, 46GW1901, 46GW2001, and 46GW2001D.

The surrogates 2-fluorobiphenyl, and terphenyl-d14 exceeded the percent recovery quality control criterion in sample 38GW1S01. In addition, the internal standards chrysene-d12 and perylene-d12 were below the percent recovery quality control criterion and perylene-d12 was <10%. The sample was re-analyzed. The surrogates 2-fluorobiphenyl and 2,4,6-tribromophenol exceeded the quality control criterion and terphenyl-d14 was not recovered in the re-analysis. In addition, the internal standard acenaphthene-d10 was below recovery criteria and the internal standards chrysene-d12 and perylene-d12 were not recovered in the re-analysis. The sample was not re-extracted. The initial analysis was used for validation. No action was taken based on surrogate recoveries because all results were non-detected. The results for butylbenzyl phthalate, bis(2-ethylhexyl)phthalate, and 3,3'-dichlorobenzidine were qualified as estimated (UJ) and the result for di-n-octylphthalate was rejected (UR) in sample 38GW1S01.

The percent recovery of 2-chloronaphthalene and 3,3'-dichlorobenzidine were below the quality control criterion in the LCS/LCSD (WG24213-LCS / WG24213-LCSD). Non-detected results for the aforementioned compounds were qualified as estimated (UJ) in all samples.

The percent recovery of 2,6-dinitrotoluene and diethylphthalate were below the quality control criteria in the LCS (WG24213-LCS). No action was taken on this basis because the LCSD was compliant.

PAH

Sample 46GW1901 was re-analyzed at a 100X dilution because the concentration of naphthalene and 2-methylnaphthalene exceeded the linear calibration range of the instrument. The result for naphthalene from the diluted analysis was used for validation. The result for 2-methylnaphthalene from the initial analysis was qualified as estimated (J) and used for validation because it was below the reporting limit in the diluted analysis.

All surrogates were not recovered in the 100X dilution of sample 46GW1901. No action was taken on this basis because the surrogates were compliant in the un-diluted sample.

The surrogate fluorene-d10 exceeded the percent recovery quality control criterion and the surrogate pyrene-d10 was not recovered in sample 38GW1S01. The sample was re-analyzed with similar results. The laboratory did not re-extract the sample. The initial analysis was used for validation. Non-detected results were rejected (UR) in sample 38GW1S01.

The internal standards acenaphthene-d10, chrysene-d12, and perylene-d12 were below the percent recovery quality control criterion (and were <10%) in sample 38GW1S01. The sample was re-analyzed with similar results. The laboratory did not re-extract the sample. The initial analysis was used for validation. Non-detected results for all PAHs except 2-methylnaphthalene, anthracene, fluoranthene, and phenanthrene were rejected (UR) in sample 38GW1S01.

Positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

PEST

The continuing calibration performed on January 17 at 05:25 exceeded the 15% difference quality control criterion for delta-BHC, endosulfan sulfate, and methoxychlor on both columns, 4,4'-DDD, 4,4'-DDT, and endrin ketone on the RTX-CLPI column, and heptachlor epoxide on the RTX-CLPII column. Non-detected results for delta-BHC, endosulfan sulfate, and methoxychlor were qualified as estimated (UJ) in all samples. No action was taken for endrin ketone and heptachlor epoxide on this basis because all results for the aforementioned compounds were non-detected.

The continuing calibration performed on January 19 at 13:37 exceeded the 15% difference quality control criterion for alpha-BHC on the RTX-CLPI column. No action was taken on this basis because no samples associated with this calibration were used for validation.

The surrogate decachlorobiphenyl was below the percent recovery quality control criteria in samples 46GW1801, 46GW1901, 46GW2001, 46GW2001D, and 38GW3I01 on both columns. The aforementioned samples were re-extracted >2X outside of holding time and re-analyzed. Re-extracted samples 46GW2001, 46GW2001D, and 38GW3I01 had similar results. Because the holding time non-compliance would cause rejection of results the initial analyses were used for validation of all aforementioned samples. Positive and non-detected results for all pesticides were qualified as estimated (J and UJ) in all aforementioned samples.

The surrogate decachlorobiphenyl was below the percent recovery quality control criteria in sample 38GW1I01 on the RTX-CLPII column. No action was taken on this basis because only one surrogate was non-complaint.

Positive results below the reporting limit were qualified as estimated (J) due to uncertainty near the detection limit.

PCB

The continuing calibration performed on January 11 at 23:31 exceeded the 15% difference quality control criterion for Aroclor 1260 on the RTX-5 column. No action was taken on this basis because the RTX-35 column was compliant and all results were non-detected.

The continuing calibration performed on January 12 at 10:49 exceeded the 15% difference quality control criterion for Aroclor 1260 on the RTX-5 column. No action was taken on this basis because the RTX-35 column was compliant and all results were non-detected.

The continuing calibration performed on January 16 at 18:57 exceeded the 15% difference quality control criterion for Aroclor 1260 on the RTX-5 column. No action was taken on this basis because the RTX-35 column was compliant and all results were non-detected.

The surrogate decachlorobiphenyl was below the percent recovery quality control criterion on both columns in all environmental samples and QC. The environmental samples were re-extracted >2X outside of holding time and re-analyzed. Samples 46GW2001, 46GW2001D, and 38GW3I01 had similar results. The remaining re-extracted samples had improved surrogate recovery. Because the holding time non-compliance would cause rejection of results the initial analyses were used for validation of all aforementioned samples. Positive and non-detected results were qualified as estimated (J and UJ) in all aforementioned samples.

PRO

The surrogate o-terphenyl exceeded the percent recovery quality control criterion in sample 38GW1301. The positive result for PRO was qualified as estimated (J) in sample 38GW1301.

The surrogate o-terphenyl was below the percent recovery quality control criterion in sample 46GW2001D. The positive result for PRO was qualified as estimated (J) in sample 46GW2001D.

The RPD of PRO exceeded the quality control criterion in the LCS/LCSD (WG24194-LCS / WG24194-LCSD). No action was taken on this basis because all percent recoveries were compliant.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Qualifications were made based on calibration non-compliances, surrogate recovery non-compliances, LCS recovery non-compliances and internal standard non-compliances.

Other Factors Affecting Data Quality: An MS/MSD was not performed for any fraction in this SDG.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99) and the NFESC guidelines. The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Bernard F. Spada III
Chemist/Data Validator

TetraTech NUS
Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:
1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	38GW0501
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.5	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	1	I	J	P
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	38GW0501
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	1			
VINYL CHLORIDE	0.3	U	U	

nsample	38GW0501-RE
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

nsample	38GW1301
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	6			
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	1			
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	18			
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.8	I	J	P
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	19			

nsample	38GW1301
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	2	I	J	P
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	17			
VINYL CHLORIDE	3			

nsample	38GW1301-RE
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0068	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	38GW1I01
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.6	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	38GW1I01
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	38GW1I01-RE
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	1	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	38GW1S01-RE
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	38GW3I01-RE
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	18			
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.4	I	J	P
CIS-1,2-DICHLOROETHENE	9			
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	2			
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	10			

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	1	I	J	P
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	11			
VINYL CHLORIDE	4			

nsample	38GW3S01-RE
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.005	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1701
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

nsample	46GW1701
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1701D
samp_date	12/20/2005
lab_id	WV6788-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1701

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1701D
samp_date	12/20/2005
lab_id	WV6788-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1701

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1701D-RE
samp_date	12/20/2005
lab_id	WV6788-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1701

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

nsample	46GW1701-RE
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1801
samp_date	12/20/2005
lab_id	WV6788-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW1801
samp_date	12/20/2005
lab_id	WV6788-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1801-RE
samp_date	12/20/2005
lab_id	WV6788-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	1	I	J	P
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.4	I	J	P
M+P-XYLENES	2	I	J	P
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	2			
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	I	J	P
TOLUENE	2			
TOTAL 1,2-DICHLOROETHENE	1	I	J	P

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	3			
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	2			
VINYL CHLORIDE	0.3	U	U	

nsample	46GW1901-RE
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46GW2001DRA
samp_date	12/20/2005
lab_id	WV6788-3RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.7	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW2001DRA
samp_date	12/20/2005
lab_id	WV6788-3RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW2001D-RE
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0051	U	UJ	R

nsample	46GW2001RA
samp_date	12/20/2005
lab_id	WV6788-2RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.3	U	U	
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	

nsample	46GW2001RA
samp_date	12/20/2005
lab_id	WV6788-2RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

nsample	46GW2001-RE
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2-DIBROMOETHANE	0.0052	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OV

nsample	46TB1220
samp_date	12/20/2005
lab_id	WV6788-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	0.2	U	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	U	
1,1,2-TRICHLOROETHANE	0.3	U	U	
1,1-DICHLOROETHANE	0.4	U	U	
1,1-DICHLOROETHENE	0.4	U	U	
1,2-DIBROMOETHANE	0.4	U	U	
1,2-DICHLOROETHANE	0.3	U	U	
1,2-DICHLOROPROPANE	0.3	U	U	
2-BUTANONE	3	U	UR	C
2-HEXANONE	2	U	U	
4-METHYL-2-PENTANONE	3	U	U	
ACETONE	2	U	UR	C
BENZENE	0.3	U	U	
BROMODICHLOROMETHANE	0.2	U	U	
BROMOFORM	0.5	U	U	
BROMOMETHANE	0.6	U	U	
CARBON DISULFIDE	0.3	U	U	
CARBON TETRACHLORIDE	0.3	U	U	
CHLOROBENZENE	0.2	U	U	
CHLORODIBROMOMETHANE	0.4	U	U	
CHLOROETHANE	0.3	U	U	
CHLOROFORM	0.4	U	U	
CHLOROMETHANE	0.4	I	J	P
CIS-1,2-DICHLOROETHENE	0.3	U	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	U	
ETHYLBENZENE	0.2	U	U	
M+P-XYLENES	0.5	U	U	
METHYLENE CHLORIDE	2	U	U	
O-XYLENE	0.3	U	U	
STYRENE	0.6	U	U	
TETRACHLOROETHENE	0.4	U	U	
TOLUENE	0.2	U	U	

nsample	46TB1220
samp_date	12/20/2005
lab_id	WV6788-13
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL 1,2-DICHLOROETHENE	0.6	U	U	
TOTAL XYLENES	0.8	U	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	U	
TRICHLOROETHENE	0.3	U	U	
VINYL CHLORIDE	0.3	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	38GW0501
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	38GW0501
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	38GW1301
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	38GW1301
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	38GW1I01
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	38GW1I01
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	8	U	U	
2,4,6-TRICHLOROPHENOL	8	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	EN
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	5	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	6	U	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	UJ	N
BUTYL BENZYL PHTHALATE	3	U	UJ	N
CARBAZOLE	4	U	U	

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	4	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	UR	N
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	3	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	8	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	5	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	6	U	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	4	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	3	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1701
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	UJ	C
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1701
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1701D
samp_date	12/20/2005
lab_id	WV6788-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1701

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1701D
samp_date	12/20/2005
lab_id	WV6788-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW1701

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW1801
samp_date	12/20/2005
lab_id	WV6788-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1801
samp_date	12/20/2005
lab_id	WV6788-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	UJ	C
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW2001
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	7	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	UJ	C
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: OS

nsample	46GW2001
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

nsample	46GW2001D
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4-TRICHLOROBENZENE	3	U	U	
1,2-DICHLOROBENZENE	3	U	U	
1,3-DICHLOROBENZENE	3	U	U	
1,4-DICHLOROBENZENE	3	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-CHLORONAPHTHALENE	3	U	UJ	E
2-CHLOROPHENOL	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	UJ	E
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	UJ	C
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CARBAZOLE	4	U	U	

nsample	46GW2001D
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	UJ	C
HEXACHLOROETHANE	2	U	U	
ISOPHORONE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENOL	6	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PAH

nsample	38GW0501	nsample	38GW1301	nsample	38GW1I01
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-10	lab_id	WV6788-11	lab_id	WV6788-8
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	I	J	P
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	I	J	P
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PAH

nsample	38GW1S01	nsample	38GW3I01	nsample	38GW3S01
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-9	lab_id	WV6788-12	lab_id	WV6788-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	UR	R
ACENAPHTHENE	0.09	U	UR	NR
ACENAPHTHYLENE	0.04	U	UR	NR
ANTHRACENE	0.07	U	UR	R
BENZO(A)ANTHRACENE	0.08	U	UR	NR
BENZO(A)PYRENE	0.08	U	UR	NR
BENZO(B)FLUORANTHENE	0.08	U	UR	NR
BENZO(G,H,I)PERYLENE	0.2	U	UR	NR
BENZO(K)FLUORANTHENE	0.1	U	UR	NR
CHRYSENE	0.05	U	UR	NR
DIBENZO(A,H)ANTHRACENE	0.1	U	UR	NR
FLUORANTHENE	0.07	U	UR	R
FLUORENE	0.06	U	UR	NR
INDENO(1,2,3-CD)PYRENE	0.07	U	UR	NR
NAPHTHALENE	0.05	U	UR	NR
PHENANTHRENE	0.08	U	UR	R
PYRENE	0.09	U	UR	NR

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.2	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW1701	nsample	46GW1701D	nsample	46GW1801
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-4	lab_id	WV6788-5	lab_id	WV6788-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	46GW1701	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	11	L	J	L
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.2	I	J	P
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

nsample	46GW1901DL
samp_date	12/20/2005
lab_id	WV6788-1DL
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
NAPHTHALENE	240			

nsample	46GW2001
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.08	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.09	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.05	U	U	
PHENANTHRENE	0.08	U	U	
PYRENE	0.08	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PAH

nsample	46GW2001D
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
2-METHYLNAPHTHALENE	0.06	U	U	
ACENAPHTHENE	0.09	U	U	
ACENAPHTHYLENE	0.04	U	U	
ANTHRACENE	0.07	U	U	
BENZO(A)ANTHRACENE	0.08	U	U	
BENZO(A)PYRENE	0.08	U	U	
BENZO(B)FLUORANTHENE	0.08	U	U	
BENZO(G,H,I)PERYLENE	0.1	U	U	
BENZO(K)FLUORANTHENE	0.1	U	U	
CHRYSENE	0.05	U	U	
DIBENZO(A,H)ANTHRACENE	0.1	U	U	
FLUORANTHENE	0.07	U	U	
FLUORENE	0.06	U	U	
INDENO(1,2,3-CD)PYRENE	0.07	U	U	
NAPHTHALENE	0.06	I	J	P
PHENANTHRENE	0.08	U	U	
PYRENE	0.09	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	38GW0501	nsample	38GW1301	nsample	38GW1I01
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-10	lab_id	WV6788-11	lab_id	WV6788-8
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.095	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	UJ	C
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	UJ	C
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.043	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.097	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	UJ	C
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.013	U	UJ	C
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	UJ	C
TOXAPHENE	0.28	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.059	U	U	
4,4'-DDT	0.043	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.019	U	U	
ALPHA-CHLORDANE	0.022	U	U	
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	UJ	C
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.024	U	U	
ENDOSULFAN II	0.015	U	U	
ENDOSULFAN SULFATE	0.013	U	UJ	C
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.018	U	U	
GAMMA-BHC (LINDANE)	0.017	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.018	U	U	
HEPTACHLOR EPOXIDE	0.015	U	U	
METHOXYCHLOR	0.033	U	UJ	C
TOXAPHENE	0.28	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	38GW1I01RA
samp_date	12/20/2005
lab_id	WV6788-8RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.22	U	UJ	R
AROCLOR-1248	0.098	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.059	U	UJ	R

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.058	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.096	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	UJ	C
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.032	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.029	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.033	U	UJ	C
TOXAPHENE	0.28	U	U	

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	UJ	R
4,4'-DDE	0.058	U	UJ	R
4,4'-DDT	0.043	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.018	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	CR
DIELDRIN	0.013	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.013	U	UJ	CR
ENDRIN	0.011	U	UJ	R
ENDRIN ALDEHYDE	0.032	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.029	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.033	U	UJ	CR
TOXAPHENE	0.28	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	38GW3I01RA
samp_date	12/20/2005
lab_id	WV6788-12RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.097	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.016	U	U	
4,4'-DDE	0.06	U	U	
4,4'-DDT	0.044	U	U	
ALDRIN	0.027	U	U	
ALPHA-BHC	0.019	U	U	
ALPHA-CHLORDANE	0.023	U	U	
AROCLOR-1016	0.13	U	UJ	R
AROCLOR-1221	0.26	U	UJ	R
AROCLOR-1232	0.29	U	UJ	R
AROCLOR-1242	0.22	U	UJ	R
AROCLOR-1248	0.1	U	UJ	R
AROCLOR-1254	0.25	U	UJ	R
AROCLOR-1260	0.06	U	UJ	R
BETA-BHC	0.025	U	U	
DELTA-BHC	0.027	U	UJ	C
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.024	U	U	
ENDOSULFAN II	0.015	U	U	
ENDOSULFAN SULFATE	0.013	U	UJ	C
ENDRIN	0.011	U	U	
ENDRIN ALDEHYDE	0.033	U	U	
ENDRIN KETONE	0.018	U	U	
GAMMA-BHC (LINDANE)	0.017	U	U	
GAMMA-CHLORDANE	0.03	U	U	
HEPTACHLOR	0.018	U	U	
HEPTACHLOR EPOXIDE	0.015	U	U	
METHOXYCHLOR	0.034	U	UJ	C
TOXAPHENE	0.29	U	U	

nsample	46GW1701
samp_date	12/20/2005
lab_id	WV6788-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.026	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.095	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.026	U	UJ	C
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	UJ	C
TOXAPHENE	0.28	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW1701D	nsample	46GW1801	nsample	46GW1901
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-5	lab_id	WV6788-6	lab_id	WV6788-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	46GW1701	DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	U	
4,4'-DDE	0.057	U	U	
4,4'-DDT	0.042	U	U	
ALDRIN	0.025	U	U	
ALPHA-BHC	0.018	U	U	
ALPHA-CHLORDANE	0.022	U	U	
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	U	
DELTA-BHC	0.025	U	UJ	C
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.023	U	U	
ENDOSULFAN II	0.014	U	U	
ENDOSULFAN SULFATE	0.012	U	UJ	C
ENDRIN	0.01	U	U	
ENDRIN ALDEHYDE	0.031	U	U	
ENDRIN KETONE	0.017	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
GAMMA-CHLORDANE	0.028	U	U	
HEPTACHLOR	0.017	U	U	
HEPTACHLOR EPOXIDE	0.014	U	U	
METHOXYCHLOR	0.032	U	UJ	C
TOXAPHENE	0.27	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.025	U	UJ	R
ALPHA-BHC	0.018	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.025	U	UJ	CR
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	CR
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	CR
TOXAPHENE	0.27	U	UJ	R

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.057	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.025	U	UJ	R
ALPHA-BHC	0.018	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.025	U	UJ	CR
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	CR
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.031	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.031	I	J	PR
GAMMA-CHLORDANE	0.028	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.032	U	UJ	CR
TOXAPHENE	0.27	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	46GW1901RA
samp_date	12/20/2005
lab_id	WV6788-1RA
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.24	U	UJ	R
AROCLOR-1232	0.27	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.094	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.057	U	UJ	R

nsample	46GW2001
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.058	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.018	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.096	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	CR
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	CR
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.032	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.029	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.033	U	UJ	CR
TOXAPHENE	0.28	U	UJ	R

nsample	46GW2001D
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.015	U	UJ	R
4,4'-DDE	0.058	U	UJ	R
4,4'-DDT	0.042	U	UJ	R
ALDRIN	0.026	U	UJ	R
ALPHA-BHC	0.018	U	UJ	R
ALPHA-CHLORDANE	0.022	U	UJ	R
AROCLOR-1016	0.12	U	UJ	R
AROCLOR-1221	0.25	U	UJ	R
AROCLOR-1232	0.28	U	UJ	R
AROCLOR-1242	0.21	U	UJ	R
AROCLOR-1248	0.096	U	UJ	R
AROCLOR-1254	0.24	U	UJ	R
AROCLOR-1260	0.058	U	UJ	R
BETA-BHC	0.024	U	UJ	R
DELTA-BHC	0.026	U	UJ	CR
DIELDRIN	0.012	U	UJ	R
ENDOSULFAN I	0.023	U	UJ	R
ENDOSULFAN II	0.014	U	UJ	R
ENDOSULFAN SULFATE	0.012	U	UJ	CR
ENDRIN	0.01	U	UJ	R
ENDRIN ALDEHYDE	0.032	U	UJ	R
ENDRIN KETONE	0.017	U	UJ	R
GAMMA-BHC (LINDANE)	0.016	U	UJ	R
GAMMA-CHLORDANE	0.029	U	UJ	R
HEPTACHLOR	0.017	U	UJ	R
HEPTACHLOR EPOXIDE	0.014	U	UJ	R
METHOXYCHLOR	0.033	U	UJ	CR
TOXAPHENE	0.28	U	UJ	R

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PET

nsample	38GW0501
samp_date	12/20/2005
lab_id	WV6788-10
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

nsample	38GW1301
samp_date	12/20/2005
lab_id	WV6788-11
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	440	I	J	PR

nsample	38GW1I01
samp_date	12/20/2005
lab_id	WV6788-8
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PET

nsample	38GW1S01
samp_date	12/20/2005
lab_id	WV6788-9
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	230	U	U	

nsample	38GW3I01
samp_date	12/20/2005
lab_id	WV6788-12
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	480	I	J	P

nsample	38GW3S01
samp_date	12/20/2005
lab_id	WV6788-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	340	I	J	P

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1701	nsample	46GW1701D	nsample	46GW1801
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-4	lab_id	WV6788-5	lab_id	WV6788-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	46GW1701	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	410	I	J	P

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: PET

nsample	46GW1901
samp_date	12/20/2005
lab_id	WV6788-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	3600			

nsample	46GW2001
samp_date	12/20/2005
lab_id	WV6788-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	210	U	U	

nsample	46GW2001D
samp_date	12/20/2005
lab_id	WV6788-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	220	I	J	PR

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 15:18
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.5	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		1	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	I	1.0	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		99%				

Sample Data Summary A0000012

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 15:54
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride		3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane		6	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)		19	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene		18	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	I	2	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform		1	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		17	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	I	0.8	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		114%				
460-00-4	P-Bromofluorobenzene		118%				

Sample Data Summary A0000013

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 14:07
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.6	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 14:43
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	1.0	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		104%				
460-00-4	P-Bromofluorobenzene		103%				

Sample Data Summary A0000011

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 16:29
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000014

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 13:32
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.4	1.0	1	1	0.3
75-01-4	Vinyl chloride		4	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane		18	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)		10	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene		9	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	I	1	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		11	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene		2	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 29-DEC-2005 18:19
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		102%				

Sample Data Summary A0000006

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 29-DEC-2005 18:55
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		92%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		115%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 29-DEC-2005 19:30
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 29-DEC-2005 17:44
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	I	1	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	I	1	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		2	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene		2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	I	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	I	0.4	1.0	1	1	0.2
1330-20-7	Xylenes (total)		3	1.0	3	3	0.8
	m+p-Xylenes	I	2	1.0	2	2	0.5
95-47-6	o-Xylene		2	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		106%				
460-00-4	P-Bromofluorobenzene		98%				

Sample Data Summary A0000003

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 12:56
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3RA
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.7	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 12:20
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2RA
Client ID: 46GW2001
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		89%				

Sample Data Summary A0000004

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 11:10
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-13
Client ID: 46TB1220
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.4	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 21:54
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 22:24
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0068	1.0	0.020	0.025	0.0068
877-09-8	Tetrachloro-M-Xylene		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 20:56
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 21:25
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 04-JAN-2006 06:44
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		J219%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 20:26
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0050	1.0	0.020	0.020	0.0050
877-09-8	Tetrachloro-M-Xylene		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 18:58
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 19:27
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 19:57
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 17:30
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J152%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 17:59
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0052	1.0	0.020	0.020	0.0052
877-09-8	Tetrachloro-M-Xylene		J 23%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 18:29
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0051	1.0	0.020	0.020	0.0051
877-09-8	Tetrachloro-M-Xylene		J 23%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 17:22
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000060

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 17:22
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		53%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		70%				
321-60-8	2-Fluorobiphenyl		75%				
118-79-6	2,4,6-Tribromophenol		83%				
1718-51-0	Terphenyl-D14		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 16:28
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000062

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 16:28
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		46%				
13127-88-3	Phenol-D6		30%				
4165-60-0	Nitrobenzene-D5		57%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		79%				
1718-51-0	Terphenyl-D14		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 15:45
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000054

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 15:45
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		47%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		72%				
1718-51-0	Terphenyl-D14		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 16:32
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	8	1.0	25	25	8
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000056

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 16:32
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		53%				
13127-88-3	Phenol-D6		19%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		J143%				
118-79-6	2,4,6-Tribromophenol		136%				
1718-51-0	Terphenyl-D14		J213%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 15:40
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9RA
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	8	1.0	25	25	8
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000058

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 15:40
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9RA
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		48%				
13127-88-3	Phenol-D6		16%				
4165-60-0	Nitrobenzene-D5		67%				
321-60-8	2-Fluorobiphenyl		J204%				
118-79-6	2,4,6-Tribromophenol		J216%				
1718-51-0	Terphenyl-D14		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 17:17
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000064

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 17:17
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		37%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		73%				
1718-51-0	Terphenyl-D14		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 14:57
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000052

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 23-JAN-2006 14:57
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		48%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		70%				
118-79-6	2,4,6-Tribromophenol		74%				
1718-51-0	Terphenyl-D14		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 17:45
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000046

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 17:45
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		50%				
13127-88-3	Phenol-D6		27%				
4165-60-0	Nitrobenzene-D5		94%				
321-60-8	2-Fluorobiphenyl		83%				
118-79-6	2,4,6-Tribromophenol		84%				
1718-51-0	Terphenyl-D14		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 14:04
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000048

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 14:04
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		47%				
13127-88-3	Phenol-D6		32%				
4165-60-0	Nitrobenzene-D5		67%				
321-60-8	2-Fluorobiphenyl		75%				
118-79-6	2,4,6-Tribromophenol		73%				
1718-51-0	Terphenyl-D14		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 14:52
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 24-JAN-2006 14:52
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		47%				
13127-88-3	Phenol-D6		33%				
4165-60-0	Nitrobenzene-D5		67%				
321-60-8	2-Fluorobiphenyl		76%				
118-79-6	2,4,6-Tribromophenol		76%				
1718-51-0	Terphenyl-D14		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 15:18
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000040

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 15:18
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		57%				
13127-88-3	Phenol-D6		37%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		93%				
1718-51-0	Terphenyl-D14		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 16:08
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000042

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 16:08
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		48%				
13127-88-3	Phenol-D6		30%				
4165-60-0	Nitrobenzene-D5		99%				
321-60-8	2-Fluorobiphenyl		82%				
118-79-6	2,4,6-Tribromophenol		70%				
1718-51-0	Terphenyl-D14		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 16:58
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 16:58
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
367-12-4	2-Fluorophenol		45%				
13127-88-3	Phenol-D6		29%				
4165-60-0	Nitrobenzene-D5		91%				
321-60-8	2-Fluorobiphenyl		82%				
118-79-6	2,4,6-Tribromophenol		81%				
1718-51-0	Terphenyl-D14		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 19:53
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		82%				
1718-52-1	Pyrene-d10		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 20:39
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		102%				

Sample Data Summary A0000327

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 18:22
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	I	0.09	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		94%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		91%				

Sample Data Summary A0000323

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 19:08
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		J319%				
1718-52-1	Pyrene-d10		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 18-JAN-2006 15:34
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9RA
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		75%				
81103-79-9	Fluorene-d10		J390%				
1718-52-1	Pyrene-d10		J 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 21:24
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 17:38
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		78%				

Sample Data Summary A0000322

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 15:22
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		78%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 16:07
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		88%				
81103-79-9	Fluorene-d10		79%				
1718-52-1	Pyrene-d10		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 16:53
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		86%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 14-JAN-2006 21:16
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	L	170	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	L	11	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	I	0.2	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		109%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 14:36
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1DL
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		240	100	0.2	19	5
91-57-6	2-Methylnaphthalene	I	7	100	0.2	19	6
208-96-8	Acenaphthylene	U	4	100	0.2	19	4
83-32-9	Acenaphthene	U	8	100	0.2	19	8
86-73-7	Fluorene	U	6	100	0.2	19	6
85-01-8	Phenanthrene	U	8	100	0.2	19	8
120-12-7	Anthracene	U	7	100	0.2	19	7
206-44-0	Fluoranthene	U	7	100	0.2	19	7
129-00-0	Pyrene	U	8	100	0.2	19	8
56-55-3	Benzo(a)anthracene	U	8	100	0.2	19	8
218-01-9	Chrysene	U	5	100	0.2	19	5
205-99-2	Benzo(b)fluoranthene	U	8	100	0.2	19	8
207-08-9	Benzo(k)fluoranthene	U	9	100	0.2	19	9
50-32-8	Benzo(a)pyrene	U	8	100	0.2	19	8
193-39-5	Indeno(1,2,3-cd)pyrene	U	7	100	0.2	19	7
53-70-3	Dibenzo(a,h)anthracene	U	12	100	0.2	19	12
191-24-2	Benzo(g,h,i)perylene	U	14	100	0.2	19	14
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

Sample Data Summary A0000316

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 20:30
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.08	1.0	0.2	0.2	0.08
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.08	1.0	0.2	0.2	0.08
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.09	1.0	0.2	0.2	0.09
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		92%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 21:14
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	I	0.06	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.10	1.0	0.2	0.2	0.10
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.1	1.0	0.2	0.2	0.1
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		80%				
1718-52-1	Pyrene-d10		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 02:12
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		68%				
2051-24-3	Decachlorobiphenyl		44%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 02:40
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		70%				
2051-24-3	Decachlorobiphenyl		45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 01:17
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.059	1.0	0.10	0.10	0.059
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		64%				
2051-24-3	Decachlorobiphenyl		36%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 01:45
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		70%				
2051-24-3	Decachlorobiphenyl		50%				

Sample Data Summary A0000105

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 03:07
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		54%				
2051-24-3	Decachlorobiphenyl		J 12%				

Sample Data Summary A0000108

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 12:42
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12RE
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		62%				
2051-24-3	Decachlorobiphenyl		J 19%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 00:50
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		71%				
2051-24-3	Decachlorobiphenyl		51%				

Sample Data Summary A0000103

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 23:27
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		69%				
2051-24-3	Decachlorobiphenyl		38%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 23:55
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		74%				
2051-24-3	Decachlorobiphenyl		49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 00:22
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		65%				
2051-24-3	Decachlorobiphenyl		J 19%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 12:15
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6RE
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		75%				

Sample Data Summary A0000102

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 22:05
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	I	0.031	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		41%				
2051-24-3	Decachlorobiphenyl		J 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 10:52
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1RE
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	I	0.043	1.0	0.050	0.050	0.018
58-89-9	gamma BHC		0.050	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		55%				
2051-24-3	Decachlorobiphenyl		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 22:32
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		53%				
2051-24-3	Decachlorobiphenyl		J 11%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 23:00
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		56%				
2051-24-3	Decachlorobiphenyl		J 12%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 11:47
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3RE
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	I	0.030	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.029	1.0	0.050	0.050	0.029
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.058	1.0	0.10	0.10	0.058
50-29-3	4,4'-DDT	U	0.043	1.0	0.10	0.10	0.043
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.28	1.0	1.0	1.0	0.28
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.032	1.0	0.10	0.10	0.032
72-43-5	Methoxychlor	U	0.033	1.0	0.50	0.50	0.033
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		51%				
2051-24-3	Decachlorobiphenyl		J 18%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 11:20
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2RE
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		56%				
2051-24-3	Decachlorobiphenyl		J 12%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 09:52
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		77%				
2051-24-3	Decachlorobiphenyl		J 45%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 06:24
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10RE
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		94%				
2051-24-3	Decachlorobiphenyl		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 10:20
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		J 48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 06:53
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11RE
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		91%				
2051-24-3	Decachlorobiphenyl		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 18:12
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8RA
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.098	1.0	0.50	0.50	0.098
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		J 35%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 15:02
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8RE
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		89%				
2051-24-3	Decachlorobiphenyl		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 09:24
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		78%				
2051-24-3	Decachlorobiphenyl		J 50%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 05:56
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9RE
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.099	1.0	0.50	0.50	0.099
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.059	1.0	0.50	0.50	0.059
877-09-8	Tetrachloro-m-xylene		95%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 18:01
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12RA
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		66%				
2051-24-3	Decachlorobiphenyl		J 11%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 15:30
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12RE
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		J 17%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 08:27
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		78%				
2051-24-3	Decachlorobiphenyl		J 52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 05:28
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7RE
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 07:03
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		78%				
2051-24-3	Decachlorobiphenyl		J 39%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 04:03
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4RE
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		89%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 07:31
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		82%				
2051-24-3	Decachlorobiphenyl		J 50%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 04:31
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5RE
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 07:59
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		J 20%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 04:59
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6RE
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 17:44
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1RA
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		72%				
2051-24-3	Decachlorobiphenyl		J 26%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 14:34
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1RE
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		55%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 06:06
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		57%				
2051-24-3	Decachlorobiphenyl		J 12%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 03:06
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2RE
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		62%				
2051-24-3	Decachlorobiphenyl		J 13%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 06:34
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.096	1.0	0.50	0.50	0.096
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		62%				
2051-24-3	Decachlorobiphenyl		J 13%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 03:34
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3RE
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.097	1.0	0.50	0.50	0.097
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.058	1.0	0.50	0.50	0.058
877-09-8	Tetrachloro-m-xylene		59%				
2051-24-3	Decachlorobiphenyl		J 19%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 22:12
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-10
Client ID: 38GW0501
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		113%				
	O-Terphenyl		136%				

Sample Data Summary A0000358

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 23:22
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-11
Client ID: 38GW1301
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	440	1.0	500	500	220
	n-Triacontane-D62		119%				
	O-Terphenyl		J145%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 19:52
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-8
Client ID: 38GW1I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		109%				
	O-Terphenyl		131%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 21:02
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-9
Client ID: 38GW1S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		123%				
	O-Terphenyl		139%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 00:32
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-12
Client ID: 38GW3I01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	480	1.0	500	500	210
	n-Triacontane-D62		67%				
	O-Terphenyl		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 18:42
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	340	1.0	500	500	230
	n-Triacontane-D62		119%				
	O-Terphenyl		133%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 15:12
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-4
Client ID: 46GW1701
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	220	1.0	500	500	220
	n-Triacontane-D62		96%				
	O-Terphenyl		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 16:23
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-5
Client ID: 46GW1701D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		100%				
	O-Terphenyl		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 17:32
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-6
Client ID: 46GW1801
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	410	1.0	500	500	210
	n-Triacontane-D62		120%				
	O-Terphenyl		140%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 15-JAN-2006 07:51
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		3600	1.0	500	500	220
	n-Triacontane-D62		107%				
	O-Terphenyl		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 15-JAN-2006 09:01
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-2
Client ID: 46GW2001
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	210	1.0	500	500	210
	n-Triacontane-D62		77%				
	O-Terphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 15-JAN-2006 10:11
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-3
Client ID: 46GW2001D
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	I	220	1.0	500	500	220
	n-Triacontane-D62		59%				
	O-Terphenyl		J 72%				

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG CTO367-6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
M	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
OS	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	38GW1S01RA	WV6788-9RA	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	38GW1S01RA	WV6788-9RA	NM	12/20/2005	12/27/2005	1/18/2006	7	22	29
OS	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/14/2006	7	18	25
OS	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW1901DL	WV6788-1DL	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	%	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	UG/L	38GW1S01RA	WV6788-9RA	NM	12/20/2005	12/27/2005	1/18/2006	7	22	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	38GW1S01RA	WV6788-9RA	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	UG/L	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/14/2006	7	18	25
OS	UG/L	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	UG/L	46GW1901DL	WV6788-1DL	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	UG/L	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
EDB	%	46GW1801	WV6788-6	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	38GW0501	WV6788-10	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	46GW2001D	WV6788-3	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	46GW1901	WV6788-1	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	46GW1701D	WV6788-5	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	46GW1701	WV6788-4	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	38GW3S01	WV6788-7	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	38GW3I01	WV6788-12	NM	12/20/2005	1/3/2006	1/4/2006	14	1	15
EDB	%	38GW1S01	WV6788-9	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	38GW1I01	WV6788-8	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	38GW1301	WV6788-11	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	%	46GW2001	WV6788-2	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	1/3/2006	1/4/2006	14	1	15
EDB	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	46GW2001	WV6788-2	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
EDB	UG/L	46GW1901	WV6788-1	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	46GW1801	WV6788-6	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW1301	WV6788-11	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	38GW0501	WV6788-10	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
EDB	UG/L	46GW1701	WV6788-4	NM	12/20/2005	1/3/2006	1/3/2006	14	0	14
OV	%	38GW0501	WV6788-10	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	46GW1701	WV6788-4	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	%	38GW3S01	WV6788-7	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	38GW3I01	WV6788-12	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	38GW1S01	WV6788-9	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	38GW1301	WV6788-11	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	46GW1801	WV6788-6	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	%	46GW1901	WV6788-1	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	%	38GW1I01	WV6788-8	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	46GW2001DRA	WV6788-3RA	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	46GW2001RA	WV6788-2RA	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	46TB1220	WV6788-13	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	%	46GW1701D	WV6788-5	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	UG/L	46GW1901	WV6788-1	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	UG/L	46TB1220	WV6788-13	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	46GW2001DRA	WV6788-3RA	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/29/2005	12/29/2005	9	0	9
OV	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
OV	UG/L	46GW2001RA	WV6788-2RA	NM	12/20/2005	12/30/2005	12/30/2005	10	0	10
PCB	%	46GW2001RE	WV6788-2RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	46GW1701DRE	WV6788-5RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW1701RE	WV6788-4RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	46GW1801RE	WV6788-6RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW1901RA	WV6788-1RA	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	46GW1901RE	WV6788-1RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	46GW2001DRE	WV6788-3RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW3I01RA	WV6788-12RA	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PCB	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW0501RE	WV6788-10RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW1301RE	WV6788-11RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	38GW1I01RA	WV6788-8RA	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	38GW3S01RE	WV6788-7RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	%	38GW1S01RE	WV6788-9RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	38GW3I01RE	WV6788-12RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	%	38GW1I01RE	WV6788-8RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	46GW1701DRE	WV6788-5RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW1701RE	WV6788-4RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	46GW1801RE	WV6788-6RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW2001RE	WV6788-2RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	46GW2001DRE	WV6788-3RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	46GW1901RE	WV6788-1RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW1901RA	WV6788-1RA	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW3S01RE	WV6788-7RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	38GW0501RE	WV6788-10RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	38GW1301RE	WV6788-11RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW1I01RA	WV6788-8RA	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PCB	UG/L	38GW1S01RE	WV6788-9RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	38GW3I01RA	WV6788-12RA	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PCB	UG/L	38GW3I01RE	WV6788-12RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	38GW1I01RE	WV6788-8RE	NM	12/20/2005	1/18/2006	1/21/2006	29	3	32
PCB	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/12/2006	7	16	23
PEST	%	46GW1801RE	WV6788-6RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	%	46GW1901RE	WV6788-1RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	%	46GW2001RE	WV6788-2RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	38GW3I01RE	WV6788-12RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	%	46GW2001DRE	WV6788-3RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	%	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	%	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	%	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	%	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	46GW1801RE	WV6788-6RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	UG/L	46GW2001RE	WV6788-2RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	UG/L	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	UG/L	46GW1901RE	WV6788-1RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	UG/L	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	UG/L	46GW2001DRE	WV6788-3RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
PEST	UG/L	38GW3I01RE	WV6788-12RE	NM	12/20/2005	1/18/2006	1/19/2006	29	1	30
PEST	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
PEST	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
TPH	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TPH	%	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	UG/L	38GW1301	WV6788-11	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	UG/L	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	UG/L	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	38GW3I01	WV6788-12	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
TPH	UG/L	38GW1I01	WV6788-8	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	38GW0501	WV6788-10	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
TPH	UG/L	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/15/2006	7	19	26
TPH	UG/L	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27

Katahdin
ANALYTICAL SERVICES

nelac
Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-6

Sample Receipt

The following samples were received on December 21, 2005 and were logged in under Katahdin Analytical Services work order number WV6788 for a hardcopy due date of January 16, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6788-1	46GW1901
WV6788-2	46GW2001
WV6788-3	46GW2001D
WV6788-4	46GW1701
WV6788-5	46GW1701D
WV6788-6	46GW1801
WV6788-7	38GW3S01
WV6788-8	38GW1I01
WV6788-9	38GW1S01
WV6788-10	38GW0501
WV6788-11	38GW1301
WV6788-12	38GW3I01
WV6788-13	46TB1220

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-6 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination

504.1 Analysis

Sample WV6788-1 had high recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and the target analyte was not detected above the MDL in the sample, the sample was not reextracted.

Samples WV6788-2 and 3 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Based on the extraction, as indicated by notations in the extraction prep logbook, the low recoveries are likely due to matrix and were therefore not reextracted.

Sample WV6788-12 had a low recovery on channel A and a high recovery on channel B for the surrogate TCX, which were outside of the laboratory established acceptance limits. Based on the extraction, as indicated by notations in the extraction prep logbook, these recoveries are likely due to matrix and were therefore not reextracted.

The closing CV (file 3WA2043) had a high response for the surrogate TCX on channel B, which resulted in a %D that was outside of the method acceptance limits of 30%. Since the response was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The surrogate for sample WV6788-12 on channel A did not elute within the laboratories established retention time window. The peak was manually assigned which resulted in the retention time of the surrogate to be outside of the retention time window. Therefore, the surrogate is flagged with the qualifier "*" on the form 8. Since the retention time of the surrogate on channel B was acceptable, and there were no target analytes detected above the PQL in the sample, the sample was not reanalyzed.

8270C SIM Analysis

Sample WV6788-9 had a high recovery for one surrogate and no recovery for another surrogate, which were outside the laboratory nominal acceptance limits. The sample also had a low response for one internal standard and no response for two others, which were outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The sample was reanalyzed with similar failures confirming a matrix effect. The results from both analyses are reported.

The calibration verification standard (CV) (file U3510) had a high response for the (CCC) calibration check compound benzo(a)pyrene, which resulted in a %D that was outside the method acceptance limit of 20%D. Since a high response would indicate a high bias and this target analyte was not detected above the MDL, the associated samples were not reanalyzed.

8270C Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten

percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits. If the associated MS/MSD have greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

The initial calibration analyzed on 01/10/06 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte hexachlorocyclopentadiene failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this compound was not detected above the MDL for any of the associated samples, the samples were not reanalyzed.

Sample WV6788-9 had high recoveries for two surrogates, which were outside the laboratory established acceptance limits. The sample also had low responses for two internal standards, which were outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily calibration verification standard. The sample was reanalyzed with similar failures confirming a matrix effect. The results from both analyses are reported.

8082 Analysis

The method blank, WG24196-1, the laboratory control sample, WG24196-2, , the laboratory control sample duplicate WG24196-3 and samples WV6788-1 through 12 had low recoveries for the extraction surrogate DCB on one or both channels, which were outside of the laboratory established acceptance limits. The samples were reextracted twenty-two days out of hold time and analyzed. The reextracted samples WV6788-2, 3, 8, and 12, the LCS WG24737-2 and 2RA had low recoveries for the surrogate DCB on one or both channels. The results from both analyses have been reported.

The calibration verification standards (CVs) (files 6WA1128, 6WA1152 and 6WA1188) had low responses for Aroclor 1260 on channel A, which resulted in %Ds that were outside of the method acceptance limits of 15%. Since the responses were acceptable on the confirmation channel, the associated samples were not reanalyzed.

The CV (file 6WA1167) had a high response for Aroclor 1260 on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since the response was acceptable on the confirmation channel, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6WA1128, 6WA2128, 6WA1167, 6WA2167, 6WA1188, 6WA2188, 6WA3072, 6WA4072, 6WA3110 and 6WA4110) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of TCX for file 6WA2128, which was high, DCB for file 6WA1167 which was high, DCB for file 6WA2188, which was low and TCX for file 6WA3072, which was low, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

8081 Analysis

Samples WV6788-1, 2, 3, 6 and 12 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. The samples were reextracted twenty-two days out of hold time and analyzed. The reextracted samples WV6788-2, 3, and 12 had low recoveries for the surrogate DCB on both channels. The results from both analyses have been reported.

Sample WV6788-8 had a low recovery for the extraction surrogates DCB on channel B, which was outside of the laboratory established acceptance limits. Since the recoveries for TCX on both channels and DCB on channel A were acceptable, the sample was not reextracted.

The opening CV (file 8WA1057) had a high response for TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all of the responses on the confirmation channel were within the acceptance limits, the associated samples were not reanalyzed.

The closing CV (files 8WA1080 and 8WA2080) had low responses for 4,4'-DDT and methoxychlor on both channels, a low response for endrin, endrin aldehyde and endosulfan sulfate on channel A and a high response for TCX on channel A. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The closing CV (files 8WA3067 and 8WA4067) had a low response for 4,4'-DDT on channel A, high responses for 4,4'DDD and DCB on channel A, high responses for delta-BHC, endrin ketone, methoxychlor and endosulfan sulfate on both channels and a low response for heptachlor epoxide on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The closing CV (file 8WA3151) had a low response for alpha-BHC on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

Some of the samples and the associated QC were put through a sulfur cleanup according to SW846 method 3660 using the copper powder technique. The cleanup had little or no effect on removing the sulfur. Consequently, some of the samples may have sulfur interference affecting the quantitation of target analytes. Since there was no significant improvement with the sulfur cleanup extracts, the results from the non-sulfur cleanup extracts are reported.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO367-6 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP) and Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample Nos. WV6788-(1-12) were digested for ICP and ICP-MS analysis on 01/06/06 (QC Batch WA06ICW0) in accordance with USEPA Method 3010A.

ICP analyses of SDG CTO367-6 sample digestates were performed using a Thermo Jarrell Ash (TJA) ICAP 61E ICP spectrometer. ICP-MS analyses of SDG CTO367-6 sample digestates were performed using an Agilent 7500 ICP-MS spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Nos. WV6788-(1-12) were digested for mercury analysis on 01/05/06 (QC Batch WA05HGW1) in accordance with USEPA Method 7470A.

Mercury analyses of Katahdin SDG CTO367-6 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.26.06

Leslie Dimond
Quality Assurance Officer

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

Client: Tetra-Tech NUS | Contact: Curtis Odom | Phone #: (850) 210 3681 | Fax #: 3684 ( )

Address: 3360 Capital Circle NE | City: Tallahasse | State: FL | Zip Code: 32308

Purchase Order # | Proj. Name / No: CTO 367/333 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): C. Odom | Copies To:

LAB USE ONLY | WORK ORDER #: WV6788

KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☒ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	ANALYSIS AND CONTAINER TYPE PRESERVATIVES: 8260 TCL VOC HCL (Filt. ☐Y ☐N)	504.1 EDB HCL (Filt. ☐Y ☐N)	FL-PRO HCL (Filt. ☐Y ☐N)	8081/8082 PEST/PCB 40 (Filt. ☐Y ☐N)	8270 TCL SVOA PAHS 40 (Filt. ☐Y ☐N)	TAL metals HNO3 (Filt. ☐Y ☐N)				
46GW1901	12/20/0925	GW	12	3	2	2	2	2	1				
46GW2001	12/20/0936	GW	12	3	2	2	2	2	1				
46GW2001D	12/26/0936	GW	12	3	2	2	2	2	1				
46GW1701	12/20/1130	GW	12	3	2	2	2	2	1				
46GW1701D	12/20/1130	GW	12	3	2	2	2	2	1				
46GW1801	12/20/1140	GW	12	3	2	2	2	2	1				
38GW3501	12/20/1140	GW	12	3	2	2	2	2	1				
38GW1101	12/20/0945	GW	12	3	2	2	2	2	1				
38GW1501	12/20/0950	GW	12	3	2	2	2	2	1				
38GW0501	12/20/1130	GW	12	3	2	2	2	2	1				
38GW1301	12/20/1250	GW	12	3	2	2	2	2	1				
38GW3101	12/20/1315	GW	12	3	2	2	2	2	1				
46TB1220	12/20/1230	QA	2	2	—	—	—	—	—				
	/												
	/												
	/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	12/20 1600	[signature] 12/21/05 1050			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

COC1

00000015

ORIGINAL

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: MB366 BFB Injection Date: 12/22/05

Instrument ID: GCMS-M BFB Injection Time: 1112

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	48.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	92.2
175	5.0 - 9.0% of mass 174	7.3 (7.9)1
176	95.0 - 101.0% of mass 174	93.0 (100.8)1
177	5.0 - 9.0% of mass 176	5.4 (5.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M22A	M0856	12/22/05	1136
02		VSTD020M22A	M0857	12/22/05	1212
03		VSTD005M22A	M0858	12/22/05	1247
04		VSTD001M22A	M0859	12/22/05	1323
05		VSTD200M22A	M0860	12/22/05	1359
06		VSTD100M22A	M0861	12/22/05	1434
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22					

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

LAB FILE ID: RF1: M0859 RF5: M0858 RF20: M0857
RF50: M0856 RF100: M0861 RF200: M0860

								COEFFICENTS		%RSD	MAX %RSD	
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2	
Chloromethane	0.407	0.385	0.420	0.451	0.437	0.387	AVRG		0.41435560	6.443	15.000	
Vinyl chloride	0.512	0.455	0.513	0.494	0.426	0.415	AVRG		0.46927229	9.189	15.000	
Bromomethane	0.395	0.371	0.438	0.487	0.458	0.414	AVRG		0.42720239	9.955	15.000	
Chloroethane	0.294	0.240	0.246	0.274	0.253	0.218	AVRG		0.25393146	10.513	15.000	
1,1-Dichloroethene	0.461	0.411	0.384	0.439	0.415	0.394	AVRG		0.41732491	6.905	15.000	
Acetone	0.043	0.028	0.027	0.026	0.027	0.026	AVRG		2.978e-002	22.224	15.000	<-
Carbon Disulfide	1.540	1.294	1.331	1.562	1.414	1.335	AVRG		1.41276055	8.079	15.000	
Methylene Chloride	16529	36939	102950	277250	499400	967650	LINR	-6.23e-002	1.99217064	0.99720	0.99000	
1,1-Dichloroethane	0.987	0.896	0.847	0.988	0.935	0.903	AVRG		0.92604981	5.980	15.000	
1,2-Dichloroethylene (tot							AVRG				0.000	
cis-1,2-Dichloroethene	0.481	0.449	0.500	0.557	0.580	0.505	AVRG		0.51205264	9.473	15.000	
trans-1,2-Dichloroethene	0.561	0.460	0.459	0.495	0.483	0.448	AVRG		0.48425328	8.513	15.000	
2-Butanone	0.050	0.046	0.045	0.049	0.050	0.044	AVRG		4.748e-002	6.083	15.000	
Chloroform	1.179	1.053	1.094	1.219	1.208	0.984	AVRG		1.12278874	8.427	15.000	
1,1,1-Trichloroethane	0.893	0.983	0.868	1.060	1.024	0.966	AVRG		0.96555184	7.663	15.000	
Carbon Tetrachloride	0.684	0.753	0.722	0.670	0.754	0.727	AVRG		0.71845000	4.851	15.000	
Benzene	1.399	1.378	1.472	1.297	1.346	1.226	AVRG		1.35296989	6.275	15.000	
1,2-Dichloroethane	0.661	0.731	0.841	0.704	0.816	0.766	AVRG		0.75309998	9.040	15.000	
Trichloroethene	0.519	0.438	0.425	0.430	0.461	0.464	AVRG		0.45625137	7.592	15.000	
1,2-Dichloropropane	0.304	0.330	0.362	0.300	0.332	0.310	AVRG		0.32300122	7.253	15.000	
Bromodichloromethane	0.752	0.774	0.742	0.736	0.845	0.759	AVRG		0.76800232	5.195	15.000	
cis-1,3-dichloropropene	0.718	0.728	0.642	0.662	0.700	0.674	AVRG		0.68733126	4.910	15.000	
4-methyl-2-pentanone	0.390	0.350	0.390	0.338	0.343	0.340	AVRG		0.35853605	6.898	15.000	
Toluene	0.965	0.863	0.755	0.696	0.830	0.727	AVRG		0.80594797	12.391	15.000	
trans-1,3-Dichloropropene	0.711	0.623	0.698	0.600	0.668	0.688	AVRG		0.66444658	6.606	15.000	
1,1,2-Trichloroethane	0.354	0.316	0.328	0.300	0.343	0.307	AVRG		0.32451908	6.415	15.000	
Tetrachloroethene	0.537	0.469	0.513	0.498	0.519	0.461	AVRG		0.49934917	5.901	15.000	
2-Hexanone	0.345	0.316	0.363	0.297	0.312	0.291	AVRG		0.32086154	8.798	15.000	
Dibromochloromethane	0.667	0.673	0.797	0.724	0.763	0.720	AVRG		0.72391793	6.986	15.000	
1,2-Dibromoethane	0.493	0.510	0.495	0.433	0.465	0.461	AVRG		0.47624491	5.944	15.000	
Chlorobenzene	1.230	1.362	1.191	1.173	1.256	1.123	AVRG		1.22237312	6.745	15.000	
Ethylbenzene	2.016	2.013	2.156	2.076	1.989	1.810	AVRG		2.01016421	5.721	15.000	
Xylenes (total)							AVRG				0.000	
m+p-Xylenes	0.772	0.604	0.728	0.692	0.652	0.562	AVRG		0.66860853	11.702	15.000	
o-Xylene	0.628	0.719	0.771	0.664	0.717	0.634	AVRG		0.68882248	8.175	15.000	
Styrene	1.017	1.140	1.220	1.201	1.180	1.124	AVRG		1.14715167	6.380	15.000	
Bromoform	0.598	0.598	0.705	0.638	0.620	0.628	AVRG		0.63134820	6.245	15.000	
1,1,2,2-Tetrachloroethane	1.131	0.994	1.014	0.909	0.809	0.979	AVRG		0.97289892	11.068	15.000	
Dibromofluoromethane	0.693	0.674	0.588	0.828	0.707	0.661	AVRG		0.69194901	11.354	15.000	
1,2-Dichloroethane-D4	0.883	0.807	0.727	0.866	0.781	0.788	AVRG		0.80862161	7.141	15.000	
Toluene-D8	1.264	1.269	1.130	1.194	1.294	1.122	AVRG		1.21196044	6.146	15.000	
P-Bromofluorobenzene	0.602	0.617	0.526	0.568	0.609	0.561	AVRG		0.58057582	6.062	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

Average %RSD test result.

Calculate Average %RSD: 9.195655823
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG24290-LCS	WG24290-1	99	92	91	93	0
02	WG24290-BLANK	WG24290-2	103	107	110	108	0
03	46GW1901	WV6788-1	99	98	106	98	0
04	46GW1701	WV6788-4	91	92	96	102	0
05	46GW1701D	WV6788-5	92	90	115	95	0
06	46GW1801	WV6788-6	102	98	97	115	0
07	WG24314-LCS	WG24314-1	104	92	113	99	0
08	WG24314-BLANK	WG24314-2	103	96	102	105	0
09	46TB1220	WV6788-13	104	94	99	91	0
10	46GW2001	WV6788-2RA	101	98	87	89	0
11	46GW2001D	WV6788-3RA	98	98	99	107	0
12	38GW3S01	WV6788-7	100	99	111	96	0
13	38GW1I01	WV6788-8	93	92	92	86	0
14	38GW1S01	WV6788-9	106	103	104	103	0
15	38GW0501	WV6788-10	106	98	110	99	0
16	38GW1301	WV6788-11	106	96	114	118	0
17	38GW3I01	WV6788-12	101	93	102	98	0
18							
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28							

	QC LIMITS
SMC1 (DBF) = Dibromofluoromethane	(76-118)
SMC2 (DCA) = 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL) = Toluene-D8	(68-122)
SMC4 (BFB) = P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: MB370 BFB Injection Date: 12/29/05

Instrument ID: GCMS-M BFB Injection Time: 0854

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 60.0% of mass 95	47.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	92.7
175	5.0 - 9.0% of mass 174	8.3 (8.9)1
176	95.0 - 101.0% of mass 174	93.0 (100.3)1
177	5.0 - 9.0% of mass 176	7.4 (7.9)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M29B	M0925	12/29/05	1008
02	WG24290-LCS	WG24290-1	M0926	12/29/05	1101
03	WG24290-BLANK	WG24290-2	M0930	12/29/05	1404
04	46GW1901	WV6788-1	M0936	12/29/05	1744
05	46GW1701	WV6788-4	M0937	12/29/05	1819
06	46GW1701D	WV6788-5	M0938	12/29/05	1855
07	46GW1801	WV6788-6	M0939	12/29/05	1930
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FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date: 12/29/05 Time: 1008

Lab File ID: M0925 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4140000	0.4848400	0.4848400	0.1	17.11		AVRG	
Vinyl chloride	0.4690000	0.5608400	0.5608400	0.01	19.58	20.00	AVRG	
Bromomethane	0.4270000	0.4993800	0.4993800	0.01	16.95		AVRG	
Chloroethane	0.2540000	0.2655400	0.2655400	0.01	4.54		AVRG	
1,1-Dichloroethene	0.4170000	0.4500500	0.4500500	0.1	7.92	20.00	AVRG	
Acetone	3.e-002	2.85e-002	2.85e-002	0.01	-5.00		AVRG	
Carbon Disulfide	1.4130000	1.6281000	1.6281000	0.01	15.22		AVRG	
Methylene Chloride	57.012000	50.000000	0.6036500	0.01	14.02		LINR	
1,1-Dichloroethane	0.9260000	0.9450500	0.9450500	0.1	2.06		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.5086000	0.5086000	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5120000	0.4902500	0.4902500	0.01	-4.25		AVRG	
trans-1,2-Dichloroethene	0.4840000	0.5269500	0.5269500	0.01	8.87		AVRG	
2-Butanone	4.7e-002	4.85e-002	4.85e-002	0.01	3.19		AVRG	
Chloroform	1.1230000	1.1628000	1.1628000	0.01	3.54	20.00	AVRG	
1,1,1-Trichloroethane	0.9660000	1.0230000	1.0230000	0.01	5.90		AVRG	
Carbon Tetrachloride	0.7180000	0.7727100	0.7727100	0.01	7.62		AVRG	
Benzene	1.3530000	1.2776000	1.2776000	0.01	-5.57		AVRG	
1,2-Dichloroethane	0.7530000	0.8123200	0.8123200	0.01	7.88		AVRG	
Trichloroethene	0.4560000	0.4951200	0.4951200	0.01	8.58		AVRG	
1,2-Dichloropropane	0.3230000	0.3423000	0.3423000	0.01	5.98	20.00	AVRG	
Bromodichloromethane	0.7680000	0.8078700	0.8078700	0.01	5.19		AVRG	
cis-1,3-dichloropropene	0.6870000	0.6934500	0.6934500	0.01	0.94		AVRG	
4-methyl-2-pentanone	0.3580000	0.3487000	0.3487000	0.01	-2.60		AVRG	
Toluene	0.8060000	0.7903300	0.7903300	0.01	-1.94	20.00	AVRG	
trans-1,3-Dichloropropene	0.6650000	0.6582800	0.6582800	0.01	-1.01		AVRG	
1,1,2-Trichloroethane	0.3250000	0.3008600	0.3008600	0.01	-7.43		AVRG	
Tetrachloroethene	0.5000000	0.5493600	0.5493600	0.01	9.87		AVRG	
2-Hexanone	0.3210000	0.3192500	0.3192500	0.01	-0.54		AVRG	
Dibromochloromethane	0.7240000	0.7676000	0.7676000	0.01	6.02		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date: 12/29/05 Time: 1008

Lab File ID: M0925 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.4760000	0.4759100	0.4759100	0.01	-0.02		AVRG	
Chlorobenzene	1.2220000	1.2576000	1.2576000	0.3	2.91		AVRG	
Ethylbenzene	2.0100000	1.9260000	1.9260000	0.01	-4.18	20.00	AVRG	
Xylenes (total)	0.0000000	0.6524300	0.6524300	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6680000	0.6571200	0.6571200	0.01	-1.63		AVRG	
o-Xylene	0.6890000	0.6430500	0.6430500	0.01	-6.67		AVRG	
Styrene	1.1470000	1.2929000	1.2929000	0.01	12.72		AVRG	
Bromoform	0.6310000	0.6736700	0.6736700	0.1	6.76		AVRG	
1,1,2,2-Tetrachloroethane	0.9730000	0.9933800	0.9933800	0.3	2.09		AVRG	
Dibromofluoromethane	0.6920000	0.6843100	0.6843100	0.01	-1.11		AVRG	
1,2-Dichloroethane-D4	0.8090000	0.7870500	0.7870500	0.01	-2.71		AVRG	
Toluene-D8	1.2120000	1.2004000	1.2004000	0.01	-0.96		AVRG	
P-Bromofluorobenzene	0.5800000	0.5865400	0.5865400	0.01	1.13		AVRG	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 29-DEC-2005 14:04
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24290-2
Client ID: WG24290-Blank
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		108%				

Sample Data Summary A0000016

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	88	177	0-183
Chloromethane	50	NA	67	135	35-145
Vinyl chloride	50	NA	60	121	43-136
Bromomethane	50	NA	63	126	57-139
Chloroethane	50	NA	57	114	48-132
Trichlorofluoromethane	50	NA	66	* 133	52-126
Diethyl Ether	50	NA	56	111	65-151
Tertiary-butyl alcohol	250	NA	192	77	55-138
1,1-Dichloroethene	50	NA	52	103	88-123
Carbon Disulfide	50	NA	50	100	63-105
Freon-113	50	NA	54	108	80-125
Iodomethane	50	NA	60	120	52-165
Acrolein	250	NA	239	96	62-117
Methylene Chloride	50	NA	54	109	79-122
Acetone	50	NA	49	98	65-156
Isobutyl Alcohol	1000	NA	813	81	45-126
trans-1,2-Dichloroethene	50	NA	54	108	83-121
Allyl Chloride	50	NA	53	107	67-133
Methyl tert-butyl ether	100	NA	103	103	68-127
Acetonitrile	500	NA	450	90	75-122
Di-isopropyl ether	50	NA	50	100	82-124
Chloroprene	50	NA	54	108	69-128
Methacrylonitrile	500	NA	476	95	78-126
Propionitrile	500	NA	448	90	77-126
1,1-Dichloroethane	50	NA	55	111	80-118
Acrylonitrile	250	NA	274	110	65-128
Ethyl tertiary-butyl ether	50	NA	51	102	84-120
Vinyl Acetate	50	NA	42	85	77-151
cis-1,2-Dichloroethene	50	NA	52	104	85-113
1,2-Dichloroethylene (total)	100	NA	106	106	85-116
Methyl Methacrylate	50	NA	43	86	73-119
2,2-Dichloropropane	50	NA	51	102	67-134
Bromochloromethane	50	NA	52	105	85-111
Chloroform	50	NA	55	110	81-112
Carbon Tetrachloride	50	NA	53	105	79-119
Tetrahydrofuran	50	NA	40	80	66-125
1,1,1-Trichloroethane	50	NA	53	107	79-113
1,1-Dichloropropene	50	NA	51	101	82-121
2-Butanone	50	NA	72	143	97-179
Benzene	50	NA	52	105	83-117
Cyclohexane	50	NA	62	124	60-140
Ethyl Methacrylate	50	NA	53	105	75-116
Tertiary-amyl methyl ether	50	NA	49	99	88-117
1,2-Dichloroethane	50	NA	52	103	76-108
Trichloroethene	50	NA	48	96	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.		%REC.	QC. LIMITS
Dibromomethane	50	NA	50		100	76-132
1,2-Dichloropropane	50	NA	48		96	82-110
Bromodichloromethane	50	NA	50	*	99	78- 98
cis-1,3-dichloropropene	50	NA	52		103	85-114
1,4-Dioxane	1000	NA	923		92	34-126
2-Chloroethylvinylether	50	NA	43		86	3-152
Toluene	50	NA	50		100	84-121
4-methyl-2-pentanone	50	NA	48		95	67-124
Tetrachloroethene	50	NA	50		101	73-112
trans-1,3-Dichloropropene	50	NA	58		116	91-120
1,1,2-Trichloroethane	50	NA	48		96	79-117
Dibromochloromethane	50	NA	46		92	87-112
1,3-Dichloropropane	50	NA	45		90	87-113
1,2-Dibromoethane	50	NA	50		100	83-110
2-Hexanone	50	NA	48		96	77-122
Chlorobenzene	50	NA	49		97	84-117
Ethylbenzene	50	NA	53		106	81-115
1,1,1,2-Tetrachloroethane	50	NA	48		97	86-109
Xylenes (total)	150	NA	141		94	85-120
m+p-Xylenes	100	NA	94		94	87-119
o-Xylene	50	NA	48		96	78-125
Styrene	50	NA	55	*	110	82-107
Bromoform	50	NA	51		102	75-111
Isopropylbenzene	50	NA	57		114	75-132
cis-1,4-Dichloro-2-Butene	50	NA	51		101	60-150
trans-1,4-Dichloro-2-Butene	50	NA	54		109	68-124
Bromobenzene	50	NA	55		111	84-115
N-Propylbenzene	50	NA	49		98	85-118
1,1,2,2-Tetrachloroethane	50	NA	52		104	81-116
1,3,5-Trimethylbenzene	50	NA	65	*	130	79-117
2-Chlorotoluene	50	NA	51		102	85-118
1,2,3-Trichloropropane	50	NA	56		112	81-112
4-Chlorotoluene	50	NA	48		96	88-114
tert-Butylbenzene	50	NA	55		110	68-125
Pentachloroethane	50	NA	58		116	40-168
1,2,4-Trimethylbenzene	50	NA	53		107	78-112
P-Isopropyltoluene	50	NA	56		112	77-116
1,3-Dichlorobenzene	50	NA	58	*	117	84-113
1,4-Dichlorobenzene	50	NA	53		105	83-110
N-Butylbenzene	50	NA	54		107	81-113
sec-Butylbenzene	50	NA	56		112	81-115
1,2-Dichlorobenzene	50	NA	58	*	116	84-114
1,2-Dibromo-3-Chloropropane	50	NA	57	*	114	72-112
1,3,5-Trichlorobenzene	50	NA	59		119	61-151
Hexachlorobutadiene	50	NA	58		115	62-116

FORM III VOA-1
M0926.D

Sample Data Summary A0000020

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/29/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24290-1
Client ID: WG24290-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG24290
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	54	107	59-123
1,2,3-Trimethylbenzene	50	NA	52	104	87-110
Naphthalene	50	NA	46	92	36-143
1,2,3-Trichlorobenzene	50	NA	58	* 115	53-100
Methyl Acetate	50	NA	46	93	58-112
Methylcyclohexane	50	NA	54	107	78-112

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): M0925 Date Analyzed: 12/29/05

Instrument ID: GCMS-M Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	IS1(PFB) RT #	IS2(DFB) AREA #	IS2(DFB) RT #	IS3(CBZ) AREA #	IS3(CBZ) RT #
12 HOUR STD		442632	9.43	541593	10.12	430248	13.62
UPPER LIMIT		885264	9.93	1083186	10.62	860496	14.12
LOWER LIMIT		221316	8.93	270797	9.62	215124	13.12
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24290-LCS	WG24290-1	447585	9.43	546902	10.11	449628	13.62
02	WG24290-BLANK	WG24290-2	472939	9.42	536097	10.11	452582	13.62
03	46GW1901	WV6788-1	446507	9.42	500920	10.11	429036	13.62
04	46GW1701	WV6788-4	481240	9.43	532673	10.11	442820	13.62
05	46GW1701D	WV6788-5	466303	9.43	490602	10.12	436244	13.62
06	46GW1801	WV6788-6	476999	9.42	512096	10.12	457333	13.62
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): M0925 Date Analyzed: 12/29/05

Instrument ID: GCMS-M Time Analyzed: 1008

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		259241	16.81				
UPPER LIMIT		518482	17.31				
LOWER LIMIT		129621	16.31				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24290-LCS	WG24290-1	245607	16.81				
02	WG24290-BLANK	WG24290-2	246382	16.81				
03	46GW1901	WV6788-1	249607	16.82				
04	46GW1701	WV6788-4	288295	16.82				
05	46GW1701D	WV6788-5	281542	16.82				
06	46GW1801	WV6788-6	266149	16.82				
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: MB371 BFB Injection Date: 12/30/05

Instrument ID: GCMS-M BFB Injection Time: 0802

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	50.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.0
173	Less than 2.0% of mass 174	0.4 (0.4)1
174	Greater than 50.0% of mass 95	98.5
175	5.0 - 9.0% of mass 174	6.4 (6.5)1
176	95.0 - 101.0% of mass 174	97.7 (99.2)1
177	5.0 - 9.0% of mass 176	6.3 (6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050M30A	M0947	12/30/05	0827
02	WG24314-LCS	WG24314-1	M0948	12/30/05	0909
03	WG24314-BLANK	WG24314-2	M0950	12/30/05	1028
04	46TB1220	WV6788-13	M0951	12/30/05	1110
05	46GW2001	WV6788-2RA	M0953	12/30/05	1220
06	46GW2001D	WV6788-3RA	M0954	12/30/05	1256
07	38GW3S01	WV6788-7	M0955	12/30/05	1332
08	38GW1I01	WV6788-8	M0956	12/30/05	1407
09	38GW1S01	WV6788-9	M0957	12/30/05	1443
10	38GW0501	WV6788-10	M0958	12/30/05	1518
11	38GW1301	WV6788-11	M0959	12/30/05	1554
12	38GW3I01	WV6788-12	M0960	12/30/05	1629
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date: 12/30/05 Time: 0827

Lab File ID: M0947 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Chloromethane	0.4140000	0.4284100	0.4284100	0.1	3.48		AVRG	
Vinyl chloride	0.4690000	0.4160500	0.4160500	0.01	-11.29	20.00	AVRG	
Bromomethane	0.4270000	0.3551600	0.3551600	0.01	-16.82		AVRG	
Chloroethane	0.2540000	0.2411300	0.2411300	0.01	-5.07		AVRG	
1,1-Dichloroethene	0.4170000	0.3757100	0.3757100	0.1	-9.90	20.00	AVRG	
Acetone	3.e-002	2.34e-002	2.34e-002	0.01	-22.00		AVRG	
Carbon Disulfide	1.4130000	1.3071000	1.3071000	0.01	-7.49		AVRG	
Methylene Chloride	49.795000	50.000000	0.5312000	0.01	-0.41		LINR	
1,1-Dichloroethane	0.9260000	0.8375800	0.8375800	0.1	-9.55		AVRG	
1,2-Dichloroethylene (total)	0.0000000	0.4564600	0.4564600	0.01	0.00		AVRG	<-
cis-1,2-Dichloroethene	0.5120000	0.4793800	0.4793800	0.01	-6.37		AVRG	
trans-1,2-Dichloroethene	0.4840000	0.4335400	0.4335400	0.01	-10.43		AVRG	
2-Butanone	4.7e-002	3.89e-002	3.89e-002	0.01	-17.23		AVRG	
Chloroform	1.1230000	1.0422000	1.0422000	0.01	-7.20	20.00	AVRG	
1,1,1-Trichloroethane	0.9660000	0.8299600	0.8299600	0.01	-14.08		AVRG	
Carbon Tetrachloride	0.7180000	0.6940300	0.6940300	0.01	-3.34		AVRG	
Benzene	1.3530000	1.1642000	1.1642000	0.01	-13.95		AVRG	
1,2-Dichloroethane	0.7530000	0.7490400	0.7490400	0.01	-0.52		AVRG	
Trichloroethene	0.4560000	0.4383700	0.4383700	0.01	-3.87		AVRG	
1,2-Dichloropropane	0.3230000	0.3078100	0.3078100	0.01	-4.70	20.00	AVRG	
Bromodichloromethane	0.7680000	0.7136900	0.7136900	0.01	-7.07		AVRG	
cis-1,3-dichloropropene	0.6870000	0.6504600	0.6504600	0.01	-5.32		AVRG	
4-methyl-2-pentanone	0.3580000	0.3251400	0.3251400	0.01	-9.18		AVRG	
Toluene	0.8060000	0.7665700	0.7665700	0.01	-4.89	20.00	AVRG	
trans-1,3-Dichloropropene	0.6650000	0.6579100	0.6579100	0.01	-1.07		AVRG	
1,1,2-Trichloroethane	0.3250000	0.3038700	0.3038700	0.01	-6.50		AVRG	
Tetrachloroethene	0.5000000	0.5035400	0.5035400	0.01	0.71		AVRG	
2-Hexanone	0.3210000	0.2754000	0.2754000	0.01	-14.21		AVRG	
Dibromochloromethane	0.7240000	0.6635100	0.6635100	0.01	-8.36		AVRG	

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date: 12/30/05 Time: 0827

Lab File ID: M0947 Init. Calib. Date(s): 12/22/05 12/22/05

Init. Calib. Times: 1136 1434

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.4760000	0.4317800	0.4317800	0.01	-9.29		AVRG	
Chlorobenzene	1.2220000	1.0411000	1.0411000	0.3	-14.80		AVRG	
Ethylbenzene	2.0100000	1.9015000	1.9015000	0.01	-5.40	20.00	AVRG	
Xylenes (total)	0.0000000	0.5881800	0.5881800	0.01	0.00		AVRG	<-
m+p-Xylenes	0.6680000	0.5798400	0.5798400	0.01	-13.20		AVRG	
o-Xylene	0.6890000	0.6048600	0.6048600	0.01	-12.21		AVRG	
Styrene	1.1470000	1.0460000	1.0460000	0.01	-8.80		AVRG	
Bromoform	0.6310000	0.5929700	0.5929700	0.1	-6.03		AVRG	
1,1,2,2-Tetrachloroethane	0.9730000	0.8407900	0.8407900	0.3	-13.59		AVRG	
Dibromofluoromethane	0.6920000	0.5774000	0.5774000	0.01	-16.56		AVRG	
1,2-Dichloroethane-D4	0.8090000	0.7052400	0.7052400	0.01	-12.83		AVRG	
Toluene-D8	1.2120000	1.0859000	1.0859000	0.01	-10.40		AVRG	
P-Bromofluorobenzene	0.5800000	0.5135100	0.5135100	0.01	-11.46		AVRG	

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 30-DEC-2005 10:28
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24314-2
Client ID: WG24314-Blank
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	0.3	1.0	1	1	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane	U	0.4	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)	U	0.6	1.0	2	2	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	1	1	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene	U	0.3	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene	U	0.4	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		105%				

Sample Data Summary A0000017

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/30/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24314-1
Client ID: WG24314-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	73	145	0-183
Chloromethane	50	NA	54	109	35-145
Vinyl chloride	50	NA	52	103	43-136
Bromomethane	50	NA	51	102	57-139
Chloroethane	50	NA	48	97	48-132
Trichlorofluoromethane	50	NA	58	116	52-126
Diethyl Ether	50	NA	49	97	65-151
Tertiary-butyl alcohol	250	NA	180	72	55-138
1,1-Dichloroethene	50	NA	51	102	88-123
Carbon Disulfide	50	NA	48	96	63-105
Freon-113	50	NA	51	102	80-125
Iodomethane	50	NA	48	96	52-165
Acrolein	250	NA	231	92	62-117
Methylene Chloride	50	NA	47	93	79-122
Acetone	50	NA	45	90	65-156
Isobutyl Alcohol	1000	NA	751	75	45-126
trans-1,2-Dichloroethene	50	NA	49	98	83-121
Allyl Chloride	50	NA	50	101	67-133
Methyl tert-butyl ether	100	NA	98	98	68-127
Acetonitrile	500	NA	419	84	75-122
Di-isopropyl ether	50	NA	48	96	82-124
Chloroprene	50	NA	44	87	69-128
Methacrylonitrile	500	NA	459	92	78-126
Propionitrile	500	NA	417	83	77-126
1,1-Dichloroethane	50	NA	45	89	80-118
Acrylonitrile	250	NA	220	88	65-128
Ethyl tertiary-butyl ether	50	NA	48	95	84-120
Vinyl Acetate	50	NA	40	80	77-151
cis-1,2-Dichloroethene	50	NA	47	94	85-113
1,2-Dichloroethylene (total)	100	NA	96	96	85-116
Methyl Methacrylate	50	NA	48	96	73-119
2,2-Dichloropropane	50	NA	47	93	67-134
Bromochloromethane	50	NA	46	92	85-111
Chloroform	50	NA	48	95	81-112
Carbon Tetrachloride	50	NA	47	95	79-119
Tetrahydrofuran	50	NA	41	83	66-125
1,1,1-Trichloroethane	50	NA	48	96	79-113
1,1-Dichloropropene	50	NA	49	99	82-121
2-Butanone	50	NA	73	147	97-179
Benzene	50	NA	46	91	83-117
Cyclohexane	50	NA	49	98	60-140
Ethyl Methacrylate	50	NA	56	113	75-116
Tertiary-amyl methyl ether	50	NA	46	92	88-117
1,2-Dichloroethane	50	NA	48	97	76-108
Trichloroethene	50	NA	43	87	85-118

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO NO:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/30/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24314-1
Client ID: WG24314-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	47	94	76-132
1,2-Dichloropropane	50	NA	48	97	82-110
Bromodichloromethane	50	NA	48	97	78- 98
cis-1,3-dichloropropene	50	NA	49	98	85-114
1,4-Dioxane	1000	NA	1120	112	34-126
2-Chloroethylvinylether	50	NA	46	91	3-152
Toluene	50	NA	44	88	84-121
4-methyl-2-pentanone	50	NA	47	94	67-124
Tetrachloroethene	50	NA	56	112	73-112
trans-1,3-Dichloropropene	50	NA	48	97	91-120
1,1,2-Trichloroethane	50	NA	48	96	79-117
Dibromochloromethane	50	NA	50	101	87-112
1,3-Dichloropropane	50	NA	50	100	87-113
1,2-Dibromoethane	50	NA	48	97	83-110
2-Hexanone	50	NA	42	83	77-122
Chlorobenzene	50	NA	47	94	84-117
Ethylbenzene	50	NA	51	103	81-115
1,1,1,2-Tetrachloroethane	50	NA	52	104	86-109
Xylenes (total)	150	NA	147	98	85-120
m+p-Xylenes	100	NA	101	101	87-119
o-Xylene	50	NA	46	92	78-125
Styrene	50	NA	59	* 117	82-107
Bromoform	50	NA	53	105	75-111
Isopropylbenzene	50	NA	53	106	75-132
cis-1,4-Dichloro-2-Butene	50	NA	48	95	60-150
trans-1,4-Dichloro-2-Butene	50	NA	43	86	68-124
Bromobenzene	50	NA	50	100	84-115
N-Propylbenzene	50	NA	44	89	85-118
1,1,2,2-Tetrachloroethane	50	NA	44	89	81-116
1,3,5-Trimethylbenzene	50	NA	50	99	79-117
2-Chlorotoluene	50	NA	45	90	85-118
1,2,3-Trichloropropane	50	NA	45	89	81-112
4-Chlorotoluene	50	NA	47	95	88-114
tert-Butylbenzene	50	NA	45	90	68-125
Pentachloroethane	50	NA	49	97	40-168
1,2,4-Trimethylbenzene	50	NA	47	94	78-112
P-Isopropyltoluene	50	NA	51	101	77-116
1,3-Dichlorobenzene	50	NA	51	102	84-113
1,4-Dichlorobenzene	50	NA	50	100	83-110
N-Butylbenzene	50	NA	45	90	81-113
sec-Butylbenzene	50	NA	50	99	81-115
1,2-Dichlorobenzene	50	NA	48	95	84-114
1,2-Dibromo-3-Chloropropane	50	NA	48	95	72-112
1,3,5-Trichlorobenzene	50	NA	49	98	61-151
Hexachlorobutadiene	50	NA	46	93	62-116

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 12/30/05
Report Date: 01/12/2006
Matrix: WATER

Lab ID: WG24314-1
Client ID: WG24314-LCS
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	45	90	59-123
1,2,3-Trimethylbenzene	50	NA	51	102	87-110
Naphthalene	50	NA	39	79	36-143
1,2,3-Trichlorobenzene	50	NA	48	96	53-100
Methyl Acetate	50	NA	49	98	58-112
Methylcyclohexane	50	NA	51	102	78-112

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): M0947 Date Analyzed: 12/30/05

Instrument ID: GCMS-M Time Analyzed: 0827

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB)		IS2(DFB)		IS3(CBZ)	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		487098	9.43	568040	10.11	474022	13.62
UPPER LIMIT		974196	9.93	1136080	10.61	948044	14.12
LOWER LIMIT		243549	8.93	284020	9.61	237011	13.12
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24314-LCS	WG24314-1	459064	9.42	535751	10.11	400789	13.61
02	WG24314-BLANK	WG24314-2	460335	9.42	528796	10.11	435815	13.61
03	46TB1220	WV6788-13	445449	9.42	541447	10.11	416684	13.62
04	46GW2001	WV6788-2RA	435266	9.42	550165	10.11	414129	13.61
05	46GW2001D	WV6788-3RA	447963	9.42	503869	10.11	433856	13.61
06	38GW3S01	WV6788-7	448678	9.41	526816	10.10	393353	13.61
07	38GW1I01	WV6788-8	479896	9.41	579594	10.10	423808	13.61
08	38GW1S01	WV6788-9	445015	9.41	509506	10.11	440543	13.61
09	38GW0501	WV6788-10	429965	9.40	507533	10.10	424711	13.61
10	38GW1301	WV6788-11	397452	9.41	470444	10.11	412439	13.60
11	38GW3I01	WV6788-12	449532	9.41	474819	10.11	441568	13.60
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): M0947 Date Analyzed: 12/30/05

Instrument ID: GCMS-M Time Analyzed: 0827

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		290772	16.82				
UPPER LIMIT		581544	17.32				
LOWER LIMIT		145386	16.32				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24314-LCS	WG24314-1	269503	16.82				
02	WG24314-BLANK	WG24314-2	265760	16.82				
03	46TB1220	WV6788-13	288054	16.81				
04	46GW2001	WV6788-2RA	256008	16.81				
05	46GW2001D	WV6788-3RA	251793	16.81				
06	38GW3S01	WV6788-7	257687	16.82				
07	38GW1I01	WV6788-8	292162	16.81				
08	38GW1S01	WV6788-9	267166	16.81				
09	38GW0501	WV6788-10	257613	16.81				
10	38GW1301	WV6788-11	233939	16.81				
11	38GW3I01	WV6788-12	273598	16.81				
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE_____ OF_____

CLIENT NAS Pensacola CTO-367		JOB NUMBER Job-6007 SDG-376-6	
SUBJECT Sample Calculation			
BASED ON		DRAWING NUMBER	
BY Bernard F Spada III	CHECKED BY	APPROVED BY	DATE 2/15/06

Sample 386W3501 1,1-Dichloroethane = 18 ug/L

$$1,1\text{-DCA} = \frac{(14663)(50\ \mu g/L)}{(448678)(0.9260)} = 17.6\ \mu g/L$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date:
Analysis Date: 30-DEC-2005 13:32
Report Date: 01/12/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-7
Client ID: 38GW3S01
SDG: CTO367-6
Extracted by:
Extraction Method: SW846 5030
Analyst: ALH
Analysis Method: SW846 8260B
Lab Prep Batch: WG24314
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	I	0.4	1.0	1	1	0.3
75-01-4	Vinyl chloride		4	1.0	1	1	0.3
74-83-9	Bromomethane	U	0.6	1.0	1	1	0.6
75-00-3	Chloroethane	U	0.3	1.0	1	1	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	1	1	0.4
67-64-1	Acetone	U	2	1.0	5	5	2
75-15-0	Carbon Disulfide	U	0.3	1.0	1	1	0.3
75-09-2	Methylene Chloride	U	2	1.0	2	2	2
75-34-3	1,1-Dichloroethane		18	1.0	1	1	0.4
540-59-0	1,2-Dichloroethylene (total)		10	1.0	10	10	0.6
156-59-2	cis-1,2-Dichloroethene		9	1.0	5	5	0.3
156-60-5	trans-1,2-Dichloroethene	I	1	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	5	5	3
67-66-3	Chloroform	U	0.4	1.0	1	1	0.4
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	0.3	1.0	1	1	0.3
71-43-2	Benzene	U	0.3	1.0	1	1	0.3
107-06-2	1,2-Dichloroethane	U	0.3	1.0	1	1	0.3
79-01-6	Trichloroethene		11	1.0	1	1	0.3
78-87-5	1,2-Dichloropropane	U	0.3	1.0	1	1	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	1	1	0.3
108-10-1	4-methyl-2-pentanone	U	3	1.0	5	5	3
108-88-3	Toluene	U	0.2	1.0	1	1	0.2
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	1	1	0.3
127-18-4	Tetrachloroethene		2	1.0	1	1	0.4
591-78-6	2-Hexanone	U	2	1.0	5	5	2
124-48-1	Dibromochloromethane	U	0.4	1.0	1	1	0.4
106-93-4	1,2-Dibromoethane	U	0.4	1.0	1	1	0.4
108-90-7	Chlorobenzene	U	0.2	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	3	3	0.8
	m+p-Xylenes	U	0.5	1.0	2	2	0.5
95-47-6	o-Xylene	U	0.3	1.0	1	1	0.3
100-42-5	Styrene	U	0.6	1.0	1	1	0.6
75-25-2	Bromoform	U	0.5	1.0	1	1	0.5
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	1	1	0.5
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		96%				

Data File: \\Target_server\GG\chem\gcms-m.i\M123005.b\M0955.D
Report Date: 12-Jan-2006 07:59

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-m.i\M123005.b\M0955.D
Lab Smp Id: WV6788-7 Client Smp ID: 38GW3S01
Inj Date : 30-DEC-2005 13:32 MS Autotune Date: 21-DEC-2005 08:33
Operator : ALH Inst ID: gcms-m.i
Smp Info : WV6788-7
Misc Info : SW846 8260B
Comment :
Method : \\Target_server\GG\chem\gcms-m.i\M123005.b\M826A55.m
Meth Date : 30-Dec-2005 08:19 aheath Quant Type: ISTD
Cal Date : 22-DEC-2005 14:34 Cal File: M0861.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TETRAT367001.sub
Target Version: 4.12
Processing Host: TARGET03

Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	sample purged
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/l)	FINAL (ug/l)
	2	Chloromethane	50	2.279	2.275	(0.242)	1337	0.35958	0.36(a)
	3	Vinyl chloride	62	2.384	2.379	(0.253)	19012	4.51480	4.5
	25	1,1-Dichloroethane	63	6.308	6.280	(0.671)	146631	17.6452	17.6
M	30	1,2-Dichloroethylene (total)	96				47934	10.4895	10.5
	29	cis-1,2-Dichloroethene	96	7.597	7.569	(0.807)	43323	9.42842	9.4
	17	trans-1,2-Dichloroethene	96	5.077	5.061	(0.540)	4611	1.06110	1.1(a)
	48	Trichloroethene	95	10.046	10.018	(0.994)	52047	10.8269	10.8
	59	Tetrachloroethene	164	12.194	12.178	(0.896)	6115	1.55661	1.6
$	37	Dibromofluoromethane	113	8.583	8.555	(0.912)	310120	49.9449	49.9
$	45	1,2-Dichloroethane-D4	65	9.419	9.403	(1.001)	359047	49.4813	49.5
$	55	Toluene-D8	98	11.660	11.655	(1.154)	707803	55.4287	55.4
$	76	P-Bromofluorobenzene	95	15.236	15.219	(1.508)	293941	48.0521	48.0
*	42	Pentafluorobenzene	168	9.408	9.391	(1.000)	448678	50.0000	
*	49	1,4-Difluorobenzene	114	10.104	10.088	(1.000)	526816	50.0000	
*	66	Chlorobenzene-D5	117	13.610	13.594	(1.000)	393353	50.0000	
*	91	1,4-Dichlorobenzene-D4	152	16.815	16.797	(1.000)	257687	50.0000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-M Calibration Date(s): 12/22/05 12/22/05

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1136 1434

LAB FILE ID: RF1: M0859 RF5: M0858 RF20: M0857
RF50: M0856 RF100: M0861 RF200: M0860

								COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
Chloromethane	0.407	0.385	0.420	0.451	0.437	0.387	AVRG		0.41435560	6.443	15.000
Vinyl chloride	0.512	0.455	0.513	0.494	0.426	0.415	AVRG		0.46927229	9.189	15.000
Bromomethane	0.395	0.371	0.438	0.487	0.458	0.414	AVRG		0.42720239	9.955	15.000
Chloroethane	0.294	0.240	0.246	0.274	0.253	0.218	AVRG		0.25393146	10.513	15.000
1,1-Dichloroethene	0.461	0.411	0.384	0.439	0.415	0.394	AVRG		0.41732491	6.905	15.000
Acetone	0.043	0.028	0.027	0.026	0.027	0.026	AVRG		2.978e-002	22.224	15.000 <-
Carbon Disulfide	1.540	1.294	1.331	1.562	1.414	1.335	AVRG		1.41276055	8.079	15.000
Methylene Chloride	16529	36939	102950	277250	499400	967650	LINR	-6.23e-002	1.99217064	0.99720	0.99000
1,1-Dichloroethane	0.987	0.896	0.847	0.988	0.935	0.903	AVRG		0.92604981	5.980	15.000
1,2-Dichloroethylene (tot							AVRG				0.000
cis-1,2-Dichloroethene	0.481	0.449	0.500	0.557	0.580	0.505	AVRG		0.51205264	9.473	15.000
trans-1,2-Dichloroethene	0.561	0.460	0.459	0.495	0.483	0.448	AVRG		0.48425328	8.513	15.000
2-Butanone	0.050	0.046	0.045	0.049	0.050	0.044	AVRG		4.748e-002	6.083	15.000
Chloroform	1.179	1.053	1.094	1.219	1.208	0.984	AVRG		1.12278874	8.427	15.000
1,1,1-Trichloroethane	0.893	0.983	0.868	1.060	1.024	0.966	AVRG		0.96555184	7.663	15.000
Carbon Tetrachloride	0.684	0.753	0.722	0.670	0.754	0.727	AVRG		0.71845000	4.851	15.000
Benzene	1.399	1.378	1.472	1.297	1.346	1.226	AVRG		1.35296989	6.275	15.000
1,2-Dichloroethane	0.661	0.731	0.841	0.704	0.816	0.766	AVRG		0.75309998	9.040	15.000
Trichloroethene	0.519	0.438	0.425	0.430	0.461	0.464	AVRG		0.45625137	7.592	15.000
1,2-Dichloropropane	0.304	0.330	0.362	0.300	0.332	0.310	AVRG		0.32300122	7.253	15.000
Bromodichloromethane	0.752	0.774	0.742	0.736	0.845	0.759	AVRG		0.76800232	5.195	15.000
cis-1,3-dichloropropene	0.718	0.728	0.642	0.662	0.700	0.674	AVRG		0.68733126	4.910	15.000
4-methyl-2-pentanone	0.390	0.350	0.390	0.338	0.343	0.340	AVRG		0.35853605	6.898	15.000
Toluene	0.965	0.863	0.755	0.696	0.830	0.727	AVRG		0.80594797	12.391	15.000
trans-1,3-Dichloropropene	0.711	0.623	0.698	0.600	0.668	0.688	AVRG		0.66444658	6.606	15.000
1,1,2-Trichloroethane	0.354	0.316	0.328	0.300	0.343	0.307	AVRG		0.32451908	6.415	15.000
Tetrachloroethene	0.537	0.469	0.513	0.498	0.519	0.461	AVRG		0.49934917	5.901	15.000
2-Hexanone	0.345	0.316	0.363	0.297	0.312	0.291	AVRG		0.32086154	8.798	15.000
Dibromochloromethane	0.667	0.673	0.797	0.724	0.763	0.720	AVRG		0.72391793	6.986	15.000
1,2-Dibromoethane	0.493	0.510	0.495	0.433	0.465	0.461	AVRG		0.47624491	5.944	15.000
Chlorobenzene	1.230	1.362	1.191	1.173	1.256	1.123	AVRG		1.22237312	6.745	15.000
Ethylbenzene	2.016	2.013	2.156	2.076	1.989	1.810	AVRG		2.01016421	5.721	15.000
Xylenes (total)							AVRG				0.000
m+p-Xylenes	0.772	0.604	0.728	0.692	0.652	0.562	AVRG		0.66860853	11.702	15.000
o-Xylene	0.628	0.719	0.771	0.664	0.717	0.634	AVRG		0.68882248	8.175	15.000
Styrene	1.017	1.140	1.220	1.201	1.180	1.124	AVRG		1.14715167	6.380	15.000
Bromoform	0.598	0.598	0.705	0.638	0.620	0.628	AVRG		0.63134820	6.245	15.000
1,1,2,2-Tetrachloroethane	1.131	0.994	1.014	0.909	0.809	0.979	AVRG		0.97289892	11.068	15.000
Dibromofluoromethane	0.693	0.674	0.588	0.828	0.707	0.661	AVRG		0.69194901	11.354	15.000
1,2-Dichloroethane-D4	0.883	0.807	0.727	0.866	0.781	0.788	AVRG		0.80862161	7.141	15.000
Toluene-D8	1.264	1.269	1.130	1.194	1.294	1.122	AVRG		1.21196044	6.146	15.000
P-Bromofluorobenzene	0.602	0.617	0.526	0.568	0.609	0.561	AVRG		0.58057582	6.062	15.000

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.21

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 0.01	01/03/06	1102	12.36	
02		ICAL 0.05	01/03/06	1132	12.28	
03		ICAL 0.1	01/03/06	1201	12.29	
04		ICAL 0.25	01/03/06	1231	12.29	
05		ICAL 0.5	01/03/06	1300	12.31	
06		ICAL 1.0	01/03/06	1330	12.28	
07		ICAL 2.5	01/03/06	1359	12.27	
08		QC 0.25	01/03/06	1503	12.31	
09	WG24339-BLAN	WG24339-1	01/03/06	1602	12.31	
10	WG24339-LCS	WG24339-2	01/03/06	1631	12.32	
11	WG24339-LCSD	WG24339-3	01/03/06	1700	12.32	
12	46GW1901	WV6788-1	01/03/06	1730	12.16	
13	46GW2001	WV6788-2	01/03/06	1759	12.37	
14	46GW2001D	WV6788-3	01/03/06	1829	12.37	
15	46GW1701	WV6788-4	01/03/06	1858	12.33	
16	46GW1701D	WV6788-5	01/03/06	1927	12.33	
17	46GW1801	WV6788-6	01/03/06	1957	12.35	
18	38GW3S01	WV6788-7	01/03/06	2026	12.35	
19	38GW1I01	WV6788-8	01/03/06	2056	12.35	
20	38GW1S01	WV6788-9	01/03/06	2125	12.36	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: SPB 608 ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 12.21

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	38GW0501	WV6788-10	01/03/06	2154	12.35	
02	38GW1301	WV6788-11	01/03/06	2224	12.32	
03		CV 0.50	01/03/06	2253	12.39	
04	38GW3I01	WV6788-12	01/04/06	0644	12.48*	
05		CV 0.25	01/04/06	0713	12.21	
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.69

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01		ICAL 0.01	01/03/06	1102	11.77	
02		ICAL 0.05	01/03/06	1132	11.65	
03		ICAL 0.1	01/03/06	1201	11.67	
04		ICAL 0.25	01/03/06	1231	11.67	
05		ICAL 0.5	01/03/06	1300	11.69	
06		ICAL 1.0	01/03/06	1330	11.65	
07		ICAL 2.5	01/03/06	1359	11.64	
08		QC 0.25	01/03/06	1503	11.68	
09	WG24339-BLAN	WG24339-1	01/03/06	1602	11.69	
10	WG24339-LCS	WG24339-2	01/03/06	1631	11.69	
11	WG24339-LCSD	WG24339-3	01/03/06	1700	11.71	
12	46GW1901	WV6788-1	01/03/06	1730	11.51	
13	46GW2001	WV6788-2	01/03/06	1759	11.77	
14	46GW2001D	WV6788-3	01/03/06	1829	11.77	
15	46GW1701	WV6788-4	01/03/06	1858	11.71	
16	46GW1701D	WV6788-5	01/03/06	1927	11.72	
17	46GW1801	WV6788-6	01/03/06	1957	11.73	
18	38GW3S01	WV6788-7	01/03/06	2026	11.73	
19	38GW1I01	WV6788-8	01/03/06	2056	11.73	
20	38GW1S01	WV6788-9	01/03/06	2125	11.75	

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLP II ID: 0.53 (mm) Init. Calib. Date(s): 01/03/06 01/03/06

Instrument ID: GC03

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 11.69

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	RT #
01	38GW0501	WV6788-10	01/03/06	2154	11.73	
02	38GW1301	WV6788-11	01/03/06	2224	11.69	
03		CV 0.50	01/03/06	2253	11.79	
04	38GW3I01	WV6788-12	01/04/06	0644	11.69	
05		CV 0.25	01/04/06	0713	11.57	
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-M-Xylene (+/- 0.24 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 1102 1359

LAB FILE ID: RF0.01: 3WA1002 RF0.05: 3WA1003 RF0.1: 3WA1004
RF0.25: 3WA1005 RF0.5: 3WA1006 RF1: 3WA1007

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	97	491	982	2330	3944	6579	2ORDR	-1.89e-002	1.273e-004	3.05e-009	0.99881	0.99000
Tetrachloro-M-Xylene	41	1195	1576	2188	2081	6406	2ORDR	0.12626440	3.028e-004	1.43e-008	0.99611	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: SPB 608 ID: 0.53 (mm) Calibration Time(s): 1102 1359

RF2.5: 3WA1008

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	14677	2ORDR	-1.89e-002	1.273e-004	3.05e-009	0.99881	0.99000
Tetrachloro-M-Xylene	10618	2ORDR	0.12626440	3.028e-004	1.43e-008	0.99611	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 1102 1359

LAB FILE ID: RF0.01: 3WA2002 RF0.05: 3WA2003 RF0.1: 3WA2004
RF0.25: 3WA2005 RF0.5: 3WA2006 RF1: 3WA2007

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.01	RF0.05	RF0.1	RF0.25	RF0.5	RF1	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	95	611	1069	2723	4671	9256	2ORDR	-3.03e-003	9.526e-005	1.52e-009	0.99979	0.99000
Tetrachloro-M-Xylene		1355	1717	2368	2417	7391	LINR	4.348e-002	4.148e-004		0.99658	0.99000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date(s): 01/03/06 01/03/06

Column: RTX-CLP II ID: 0.53 (mm) Calibration Time(s): 1102 1359

RF2.5: 3WA2008

			COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF2.5	CURVE	A0	A1	A2	OR R^2	OR R^2
1,2-Dibromoethane	19929	2ORDR	-3.03e-003	9.526e-005	1.52e-009	0.99979	0.99000
Tetrachloro-M-Xylene	12004	LINR	4.348e-002	4.148e-004		0.99658	0.99000

FORM VI VOA

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date: 01/03/06 Time: 2253

Lab File ID: 3WA1026 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.5585900	0.5000000	8256.0000	0.01	11.72	30.00	2RDR
Tetrachloro-M-Xylene	0.9189600	1.2500000	1884.8000	0.01	-26.48	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date: 01/03/06 Time: 2253

Lab File ID: 3WA2026 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.5000 or AMOUNT	CCAL RRF0.5000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.4674200	0.5000000	9202.0000	0.01	-6.52	30.00	2RDR
Tetrachloro-M-Xylene	1.0988000	1.2500000	2035.2000	0.01	-12.10	30.00	LINR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date: 01/04/06 Time: 0713

Lab File ID: 3WA1043 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: SPB 608 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,2-Dibromoethane	0.2812700	0.2500000	8952.0000	0.01	12.51	30.00	2RDR
Tetrachloro-M-Xylene	1.1987000	1.0000000	3091.0000	0.01	19.87	30.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC03 Calibration Date: 01/04/06 Time: 0713

Lab File ID: 3WA2043 Init. Calib. Date(s): 01/03/06 01/03/06

Init. Calib. Times: 1102 1359

GC Column: RTX-CLP II ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
1,2-Dibromoethane	0.2173600	0.2500000	8936.0000	0.01	-13.06	30.00	2RDR	
Tetrachloro-M-Xylene	1.3747000	1.0000000	3209.0000	0.01	37.47	30.00	LINR	<-

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/03/06
Analysis Date: 03-JAN-2006 16:02
Report Date: 01/18/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24339-1
Client ID: WG24339-Blank
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.0054	1.0	0.020	0.020	0.0054
877-09-8	Tetrachloro-M-Xylene		112%				

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column(1): SPB 608 ID: 0.53 (mm) GC Column(2): RTX-CLP IIID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	S2 1 REC#	S2 2 REC#	S3 1 REC#	S3 2 REC#	TOT OUT
01	WG24339-BLANK	WG24339-1	100	112					0
02	WG24339-LCS	WG24339-2	90	102					0
03	WG24339-LCSD	WG24339-3	89	100					0
04	46GW1901	WV6788-1	138J	152J					2
05	46GW2001	WV6788-2	19J	23J					2
06	46GW2001D	WV6788-3	20J	23J					2
07	46GW1701	WV6788-4	63	73					0
08	46GW1701D	WV6788-5	58	68					0
09	46GW1801	WV6788-6	67	77					0
10	38GW3S01	WV6788-7	69	80					0
11	38GW1I01	WV6788-8	72	82					0
12	38GW1S01	WV6788-9	71	80					0
13	38GW0501	WV6788-10	68	79					0
14	38GW1301	WV6788-11	97	109					0
15	38GW3I01	WV6788-12	16J	219J					2
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-M-Xylene (57-128)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

atahdin Analytical Services, Inc.
otocol: EPA 500 Methods
ethod: EPA 504.1
nalysis: EDB and DBCP
latrix: Aqueous

Spike ID's:
CV/ICAL/LCS STD A: P3320
CV/ICAL/LCS STD B: P3321
QC STD C: P3323
SURR STD: P3515 (+DCB)
DBCM STD: P2781

Reviewed by/ Date:

Cnt.	Date Ext.	Init.	Sample ID	Samp + Vial g.	Vial g.	Sample Amt. mL.	Surr. Vol. uL.	Spk Vol. uL.	Final Vol. mL.	Comments
QC	1/3 dd	JP	ICAL 0.01	NA	NA	35	6.25	B 5	2	
QC			0.05				25	B 25		
QC			0.1				37.5	B 50		
QC			0.25				50	B 125		
QC			0.5				62.5	B 250		
QC			1.0				125	A 50		
QC			2.5				250	A 125		
QC			QC IND 0.25				125	C 125		
QC			MDL 0.02					B 10		
QC			DBCM					500		
QC			WG24339-1					NR		
QC			-2					B 125		
QC			-3					B 125		

Reviewed by/ Date:

Cnt.	Date Ext.	Init.	Sample ID	Samp + Vial g.	Vial g.	Sample Amt. mL.	Surr. Vol. uL.	Spk Vol. uL.	Final Vol. mL.	Comments
1	1/3 dd	JP	WW 6788-1	62.97	26.14	36.83	125	NR	2	
2			-2	63.11	26.65	36.46				LT Sediment *
3			-3	63.20	26.10	37.1				LT Sediment *
4			-4	64.07	26.81	~~37.26~~ 37.21				
5			-5	63.64	26.57	37.07				
6			-6	63.14	26.08	37.06				
7			-7	63.70	26.30	37.4				
8			-8	63.45	26.25	37.2				
9			-9	62.85	26.22	36.63				
10			-10	62.69	26.12	36.57				
11			-11	53.89	26.20	27.69				spilled at start of ext.
12			-12	62.92	26.24	36.68				LT sediment *
13										
14										
15										
16										
17										
18										
19										
20										

* bubbles in hexane layer

Katahdin Analytical Services 9000139

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/03/06
Analysis Date: 01/03/06
Report Date: 01/18/2006
Matrix: WATER

Lab ID: WG24339-2 & WG24339-3
Client ID: WG24339-LCS & WG24339-LCSD
SDG: CTO367-6
Extracted by: JLP
Extraction Method: 504.1
Analyst: JLP
Analysis Method: EPA 504.1
Lab Prep Batch: WG24339
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
1,2-Dibromoethane	0.25	0.25	NA	0.25	0.24	100	98	2	30	70-130

FORM III PEST-1

3WA1013.d & 3WA1014.d

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: KD713 DFTPP Injection Date: 01/10/06

Instrument ID: GCMS-K DFTPP Injection Time: 1245

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	56.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	52.5
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	22.8
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	12.3 (86.8)2
442	40.0 - 100.0% of mass 198	77.3
443	17.0 - 23.0% of mass 442	14.1 (18.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0110	K1227	01/10/06	1308
02		SSTD150K0110	K1228	01/10/06	1356
03		SSTD125K0110	K1229	01/10/06	1444
04		SSTD100K0110	K1230	01/10/06	1532
05		SSTD025K0110	K1231	01/10/06	1627
06		SSTD010K0110	K1232	01/10/06	1716
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Phenol	146740	335560	536210	814510	1092100	1270500	2ORDR	-1.56e-002	0.49962516	8.102e-002	0.99731	0.99000	
Bis(2-Chloroethyl)ether	110430	249790	399640	663930	876620	1017500	LINR	-0.1632500	1.05910973		0.99106	0.99000	
2-Chlorophenol	99743	219140	346650	565080	773880	875930	LINR	-0.1717614	1.22665595		0.99170	0.99000	
1,3-Dichlorobenzene	1.428	1.358	1.268	1.154	1.020	1.034	AVRG		1.21051188		13.978	15.000	
1,4-Dichlorobenzene	1.407	1.279	1.204	1.115	0.972	0.977	AVRG		1.15921222		14.834	15.000	
1,2-Dichlorobenzene	109810	225870	354720	601170	758990	895210	2ORDR	-1.37e-002	0.74026692	0.15018075	0.99668	0.99000	
2-Methylphenol	88934	197100	327320	533530	754280	893760	LINR	-0.1127542	1.22347045		0.99612	0.99000	
2,2'-Oxybis(1-chloropropa	2.528	2.353	2.169	1.930	1.798	1.773	AVRG		2.09192093		14.785	15.000	
N-Nitroso-di-n-propylamin	76934	164860	286900	426870	628550	715520	LINR	-0.1443257	1.51416035		0.99142	0.99000	
4-Methylphenol	103430	212250	344140	537930	754070	846870	LINR	-0.1857058	1.27283172		0.99068	0.99000	
Hexachloroethane	0.487	0.499	0.488	0.461	0.417	0.410	AVRG		0.46017882		8.393	15.000	
Nitrobenzene	0.338	0.338	0.344	0.306	0.280	0.289	AVRG		0.31584506		8.821	15.000	
Isophorone	0.648	0.630	0.660	0.554	0.534	0.564	AVRG		0.59841195		9.052	15.000	
2-Nitrophenol	0.178	0.187	0.202	0.186	0.178	0.183	AVRG		0.18572279		4.805	15.000	
2,4-Dimethylphenol	0.318	0.329	0.343	0.283	0.266	0.275	AVRG		0.30239593		10.535	15.000	
Bis(2-Chloroethoxy)methan	0.461	0.430	0.419	0.356	0.345	0.365	AVRG		0.39602051		11.892	15.000	
2,4-Dichlorophenol	0.242	0.253	0.254	0.215	0.210	0.224	AVRG		0.23296324		8.225	15.000	
1,2,4-Trichlorobenzene	0.300	0.307	0.280	0.265	0.238	0.245	AVRG		0.27271074		10.452	15.000	
4-Chloroaniline	0.391	0.374	0.355	0.305	0.282	0.286	AVRG		0.33201266		14.202	15.000	
Hexachlorobutadiene	0.177	0.166	0.155	0.150	0.136	0.143	AVRG		0.15439622		9.708	15.000	
4-Chloro-3-Methylphenol	0.273	0.292	0.284	0.241	0.239	0.272	AVRG		0.26688787		8.205	15.000	
Hexachlorocyclopentadiene	0.176	0.229	0.101	0.130	0.136	0.113	AVRG		0.14750659		32.199	15.000	<
2,4,6-Trichlorophenol	0.350	0.334	0.332	0.324	0.323	0.328	AVRG		0.33180777		3.004	15.000	
2,4,5-Trichlorophenol	0.351	0.362	0.335	0.347	0.343	0.346	AVRG		0.34737668		2.582	15.000	
2-Chloronaphthalene	0.434	0.382	0.364	0.344	0.312	0.321	AVRG		0.35960103		12.497	15.000	
2-Nitroaniline	0.337	0.356	0.310	0.326	0.317	0.339	AVRG		0.33085025		5.104	15.000	
Dimethyl Phthalate	1.177	1.098	1.082	0.995	0.954	1.023	AVRG		1.05482910		7.618	15.000	
2,6-Dinitrotoluene	0.274	0.287	0.282	0.284	0.269	0.278	AVRG		0.27886267		2.428	15.000	
3-Nitroaniline	0.255	0.285	0.279	0.303	0.283	0.315	AVRG		0.28674640		7.275	15.000	
2,4-Dinitrophenol	8448	37914	79852	176260	249530	369140	2ORDR	0.10725693	7.04283485	-2.9313019	0.99622	0.99000	
Dibenzofuran	1.472	1.376	1.264	1.187	1.126	1.098	AVRG		1.25372473		11.707	15.000	
4-Nitrophenol	11478	32629	61328	121380	167240	218700	LINR	9.693e-002	8.24537197		0.99686	0.99000	
2,4-Dinitrotoluene	0.316	0.356	0.335	0.362	0.339	0.378	AVRG		0.34790401		6.332	15.000	
Diethylphthalate	1.130	1.130	1.065	1.014	0.969	1.036	AVRG		1.05723411		6.100	15.000	
4-Chlorophenyl-phenylethe	0.607	0.547	0.525	0.487	0.454	0.463	AVRG		0.51379334		11.230	15.000	
4-Nitroaniline	0.262	0.272	0.269	0.292	0.266	0.292	AVRG		0.27553792		4.847	15.000	
4,6-Dinitro-2-Methylpheno	20854	68513	122300	231900	320880	454830	LINR	0.10306146	6.86197487		0.99654	0.99000	
N-Nitrosodiphenylamine	0.587	0.610	0.546	0.493	0.497	0.486	AVRG		0.53669838		9.933	15.000	
4-Bromophenyl-phenylether	0.229	0.224	0.204	0.176	0.180	0.181	AVRG		0.19898019		11.706	15.000	
Hexachlorobenzene	0.293	0.274	0.249	0.220	0.225	0.215	AVRG		0.24594310		12.965	15.000	
Pentachlorophenol	0.112	0.146	0.143	0.147	0.149	0.146	AVRG		0.14035424		10.103	15.000	
Carbazole	0.869	0.873	0.844	0.811	0.759	0.769	AVRG		0.82090332		6.006	15.000	
Di-n-butylphthalate	1.178	1.202	1.208	1.052	0.990	0.990	AVRG		1.10337703		9.453	15.000	
Butylbenzylphthalate	0.468	0.511	0.512	0.483	0.502	0.528	AVRG		0.50101360		4.353	15.000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date(s): 01/10/06 01/10/06

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1308 1716

LAB FILE ID: RF10: K1232 RF25: K1231 RF50: K1227
RF100: K1230 RF125: K1229 RF150: K1228

COMPOUND	RF10	RF25	RF50	RF100	RF125	RF150	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
3,3'-Dichlorobenzidine	0.213	0.256	0.269	0.274	0.284	0.287	AVRG		0.26368604		10.292	15.000
bis(2-Ethylhexyl)phthalat	0.564	0.594	0.670	0.595	0.628	0.678	AVRG		0.62159753		7.298	15.000
Di-n-octylphthalate	1.017	1.307	1.460	1.492	1.472	1.538	AVRG		1.38096089		14.088	15.000
2-Fluorophenol	1.241	1.212	1.166	1.007	0.935	0.946	AVRG		1.08439894		12.692	15.000
Phenol-D6	1.496	1.519	1.452	1.247	1.234	1.216	AVRG		1.36073544		10.455	15.000
Nitrobenzene-D5	0.306	0.320	0.333	0.306	0.293	0.307	AVRG		0.31090830		4.389	15.000
2-Fluorobiphenyl	1.203	1.097	1.054	0.982	0.964	0.919	AVRG		1.03656811		9.995	15.000
2,4,6-Tribromophenol	0.199	0.224	0.219	0.222	0.200	0.221	AVRG		0.21441239		5.343	15.000
Terphenyl-D14	0.702	0.787	0.728	0.717	0.714	0.734	AVRG		0.73021635		4.125	15.000

Average %RSD test result.

Calculate Average %RSD: 10.53704834
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG24213-BLANK	WG24213-1	52	32	76	70	69	85			0
02	WG24213-LCS	WG24213-2	52	34	73	74	87	87			0
03	WG24213-LCSD	WG24213-3	58	38	80	77	92	93			0
04	46GW1901	WV6788-1	57	37	64	80	93	108			0
05	46GW2001	WV6788-2	48	30	99	82	70	88			0
06	46GW2001D	WV6788-3	45	29	91	82	81	86			0
07	46GW1701	WV6788-4	50	27	94	83	84	105			0
08	38GW3S01	WV6788-7	48	36	66	70	74	100			0
09	38GW1I01	WV6788-8	47	35	64	71	72	94			0
10	38GW1S01	WV6788-9	53	19	77	143J	136	213J			2
11	38GW0501	WV6788-10	53	35	70	75	83	107			0
12	46GW1701D	WV6788-5	47	32	67	75	73	78			0
13	46GW1801	WV6788-6	47	33	67	76	76	87			0
14	38GW1S01	WV6788-9RA	48	16	67	204J	216J	0J			3
15	38GW1301	WV6788-11	46	30	57	71	79	89			0
16	38GW3I01	WV6788-12	55	37	80	86	73	74			0
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1 (2FP)	= 2-Fluorophenol	(18-103)
S2 (PHL)	= Phenol-D6	(11-117)
S3 (NBZ)	= Nitrobenzene-D5	(48-109)
S4 (FBP)	= 2-Fluorobiphenyl	(37-112)
S5 (TBP)	= 2,4,6-Tribromophenol	(22-145)
S6 (TPH)	= Terphenyl-D14	(39-164)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: KD723 DFTPP Injection Date: 01/20/06

Instrument ID: GCMS-K DFTPP Injection Time: 0915

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.4
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	52.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	47.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	23.3
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	14.4 (90.7)2
442	40.0 - 100.0% of mass 198	87.0
443	17.0 - 23.0% of mass 442	15.9 (18.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0120	K1379	01/20/06	0939
02	WG24213-BLANK	WG24213-1	K1380	01/20/06	1026
03	WG24213-LCS	WG24213-2	K1381	01/20/06	1115
04	WG24213-LCSD	WG24213-3	K1382	01/20/06	1203
05	46GW1901	WV6788-1	K1386	01/20/06	1518
06	46GW2001	WV6788-2	K1387	01/20/06	1608
07	46GW2001D	WV6788-3	K1388	01/20/06	1658
08	46GW1701	WV6788-4	K1389	01/20/06	1745
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/20/06 Time: 0939

Lab File ID: K1379 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	46.730000	50.000000	1.4622000	0.01	-6.54	20.00	2RDR
Bis(2-Chloroethyl)ether	49.498000	50.000000	1.0580000	0.01	-1.00	100.00	LINR
2-Chlorophenol	53.115000	50.000000	0.9780400	0.01	6.23	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.1296000	1.1296000	0.01	-6.64	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.1242000	1.1242000	0.01	-3.00	20.00	AVRG
1,2-Dichlorobenzene	45.704000	50.000000	0.9973600	0.01	-8.59	100.00	2RDR
2-Methylphenol	47.103000	50.000000	0.8437100	0.01	-5.79	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	1.8930000	1.8930000	0.01	-9.51	100.00	AVRG
N-Nitroso-di-n-propylamine	44.186000	50.000000	0.6598900	0.05	-11.63	100.00	LINR
4-Methylphenol	45.592000	50.000000	0.8331100	0.01	-8.82	100.00	LINR
Hexachloroethane	0.4600000	0.4163000	0.4163000	0.01	-9.50	100.00	AVRG
Nitrobenzene	0.3160000	0.2608800	0.2608800	0.01	-17.44	100.00	AVRG
Isophorone	0.5980000	0.4905500	0.4905500	0.01	-17.97	100.00	AVRG
2-Nitrophenol	0.1860000	0.1606800	0.1606800	0.01	-13.61	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.2678200	0.2678200	0.01	-11.32	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3519300	0.3519300	0.01	-11.13	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2150100	0.2150100	0.01	-7.72	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2491500	0.2491500	0.01	-8.40	100.00	AVRG
4-Chloroaniline	0.3320000	0.2896100	0.2896100	0.01	-12.77	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1442900	0.1442900	0.01	-6.30	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2318000	0.2318000	0.01	-13.18	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2327400	0.2327400	0.05	57.26	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.2820300	0.2820300	0.01	-15.05	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3223900	0.3223900	0.01	-7.09	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3297200	0.3297200	0.01	-8.41	100.00	AVRG
2-Nitroaniline	0.3310000	0.2542400	0.2542400	0.01	-23.19	100.00	AVRG
Dimethyl Phthalate	1.0550000	0.9226300	0.9226300	0.01	-12.55	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2400200	0.2400200	0.01	-13.97	100.00	AVRG
3-Nitroaniline	0.2870000	0.2341600	0.2341600	0.01	-18.41	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/20/06 Time: 0939

Lab File ID: K1379 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	44.328000	50.000000	0.1213600	0.05	-11.34	100.00	2RDR
Dibenzofuran	1.2540000	1.1004000	1.1004000	0.01	-12.25	100.00	AVRG
4-Nitrophenol	36.814000	50.000000	7.99e-002	0.05	-26.37	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.2873600	0.2873600	0.01	-17.42	100.00	AVRG
Diethylphthalate	1.0570000	0.8610100	0.8610100	0.01	-18.54	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4359400	0.4359400	0.01	-15.19	100.00	AVRG
4-Nitroaniline	0.2760000	0.2087700	0.2087700	0.01	-24.36	100.00	AVRG
4,6-Dinitro-2-Methylphenol	45.418000	50.000000	0.1203600	0.01	-9.16	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5018600	0.5018600	0.01	-6.37	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1879100	0.1879100	0.01	-5.57	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2383200	0.2383200	0.01	-3.12	100.00	AVRG
Pentachlorophenol	0.1400000	0.1357600	0.1357600	0.01	-3.03	20.00	AVRG
Carbazole	0.8210000	0.7160100	0.7160100	0.01	-12.79	100.00	AVRG
Di-n-butylphthalate	1.1030000	0.9803100	0.9803100	0.01	-11.12	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4195700	0.4195700	0.01	-16.25	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2018300	0.2018300	0.01	-23.55	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5209100	0.5209100	0.01	-16.25	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.2660000	1.2660000	0.01	-8.33	20.00	AVRG
2-Fluorophenol	1.0840000	1.0269000	1.0269000	0.01	-5.27	100.00	AVRG
Phenol-D6	1.3610000	1.2555000	1.2555000	0.01	-7.75	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2531000	0.2531000	0.01	-18.62	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.9168100	0.9168100	0.01	-11.50	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1786600	0.1786600	0.01	-16.51	100.00	AVRG
Terphenyl-D14	0.7300000	0.6733800	0.6733800	0.01	-7.76	100.00	AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 20-JAN-2006 10:26
Report Date: 01/25/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24213-1
Client ID: WG24213-Blank
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
541-73-1	1,3-Dichlorobenzene	U	3	1.0	10	10	3
106-46-7	1,4-Dichlorobenzene	U	3	1.0	10	10	3
95-50-1	1,2-Dichlorobenzene	U	3	1.0	10	10	3
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
108-60-1	2,2'-Oxybis(1-chloropropane)	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	4-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethylphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
120-82-1	1,2,4-Trichlorobenzene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10
86-30-6	N-Nitrosodiphenylamine	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
86-74-8	Carbazole	U	4	1.0	10	10	4
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2

Sample Data Summary A0000066

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/20/06
Report Date: 01/25/2006
Matrix: WATER

Lab ID: WG24213-2 & WG24213-3
Client ID: WG24213-LCS & WG24213-LCSD
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.		LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Phenol	100	100	NA	33	37	33		37		11	30	0-140
Bis(2-Chloroethyl)ether	50	50	NA	37	43	74		87		16	30	51-125
2-Chlorophenol	100	100	NA	87	97	87		97		11	30	59-127
1,3-Dichlorobenzene	50	50	NA	25	27	50		54		8	30	41- 97
1,4-Dichlorobenzene	50	50	NA	25	28	49		56		12	30	40- 98
1,2-Dichlorobenzene	50	50	NA	24	25	47		50		6	30	32-107
2-Methylphenol	100	100	NA	72	81	72		81		12	30	59-122
2,2'-Oxybis(1-chloropropane)	50	50	NA	33	36	66		72		9	30	52-120
N-Nitroso-di-n-propylamine	50	50	NA	32	35	64		70		8	30	55-109
4-Methylphenol	100	100	NA	68	81	68		81		17	30	46-139
Hexachloroethane	50	50	NA	22	23	44		46		5	30	23- 98
Nitrobenzene	50	50	NA	33	38	66		76		14	30	66-114
Isophorone	50	50	NA	34	37	67		74		9	30	59-114
2-Nitrophenol	100	100	NA	74	85	74		85		15	30	18-162
2,4-Dimethylphenol	100	100	NA	74	81	74		81		9	30	73-109
Bis(2-Chloroethoxy)methane	50	50	NA	34	38	68		77		12	30	60-122
2,4-Dichlorophenol	100	100	NA	78	86	78		86		10	30	60-125
1,2,4-Trichlorobenzene	50	50	NA	25	27	50		55		8	30	49-104
4-Chloroaniline	50	50	NA	25	24	49		49		1	30	21-142
Hexachlorobutadiene	50	50	NA	24	27	48		55		13	30	37-102
4-Chloro-3-Methylphenol	100	100	NA	76	83	76		83		10	30	74-120
Hexachlorocyclopentadiene	50	50	NA	23	29	46		58		23	30	6- 67
2,4,6-Trichlorophenol	100	100	NA	84	83	84		83		1	30	67-128
2,4,5-Trichlorophenol	100	100	NA	86	87	86		87		1	30	61-136
2-Chloronaphthalene	50	50	NA	24	25	* 47	*	50		6	30	53-153
2-Nitroaniline	50	50	NA	39	41	79		81		3	30	76-118
Dimethyl Phthalate	50	50	NA	29	32	58		63		8	30	38-131
2,6-Dinitrotoluene	50	50	NA	35	37	* 70		74		4	30	71-127
3-Nitroaniline	50	50	NA	27	25	53		50		7	30	12-178
2,4-Dinitrophenol	100	100	NA	77	80	77		80		4	30	53-130
Dibenzofuran	50	50	NA	38	39	75		78		3	30	73-120
4-Nitrophenol	100	100	NA	37	38	37		38		4	30	0-169
2,4-Dinitrotoluene	50	50	NA	38	38	76		75		1	30	68-120
Diethylphthalate	50	50	NA	34	36	* 67		72		6	30	70-120
4-Chlorophenyl-phenylether	50	50	NA	34	35	67		71		5	30	61-134
4-Nitroaniline	50	50	NA	37	39	75		77		4	30	32-127
4,6-Dinitro-2-Methylphenol	100	100	NA	85	86	85		86		2	30	61-148
N-Nitrosodiphenylamine	100	100	NA	34	35	34		35		2	30	31-177
4-Bromophenyl-phenylether	50	50	NA	42	44	85		88		3	30	65-149
Hexachlorobenzene	50	50	NA	47	47	95		94		0.8	30	57-154
Pentachlorophenol	100	100	NA	114	112	114		112		2	30	25-173
Carbazole	50	50	NA	44	45	88		91		3	30	36-170
Di-n-butylphthalate	50	50	NA	36	38	72		75		5	30	67-137
Butylbenzylphthalate	50	50	NA	31	34	62		69		10	30	60-130
3,3'-Dichlorobenzidine	50	50	NA	28	27	* 56	*	54		4	30	68-173

Sample Data Summary A0000069

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS PENSACOLA
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/20/06
Report Date: 01/25/2006
Matrix: WATER

Lab ID: WG24213-2 & WG24213-3
Client ID: WG24213-LCS & WG24213-LCSD
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG24213
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
bis(2-Ethylhexyl)phthalate	50	50	NA	34	36	68	72	4	30	49-150
Di-n-octylphthalate	50	50	NA	35	41	70	82	16	30	58-147

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1379 Date Analyzed: 01/20/06

Instrument ID: GCMS-K Time Analyzed: 0939

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		288338	9.84	895152	12.66	456768	16.82
UPPER LIMIT		576676	10.34	1790304	13.16	913536	17.32
LOWER LIMIT		144169	9.34	447576	12.16	228384	16.32
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24213-BLANK	WG24213-1	294232	9.84	930532	12.66	495785	16.83
02	WG24213-LCS	WG24213-2	279091	9.85	901218	12.66	439532	16.83
03	WG24213-LCSD	WG24213-3	290678	9.84	927361	12.67	489495	16.83
04	46GW1901	WV6788-1	289926	9.85	907460	12.68	481634	16.84
05	46GW2001	WV6788-2	333687	9.85	766125	12.66	507939	16.83
06	46GW2001D	WV6788-3	319077	9.85	731117	12.67	460938	16.83
07	46GW1701	WV6788-4	341187	9.84	753553	12.67	483805	16.83
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1379 Date Analyzed: 01/20/06

Instrument ID: GCMS-K Time Analyzed: 0939

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
12 HOUR STD		659631		20.40		667413		26.83		415920		30.07	
UPPER LIMIT		1319262		20.90		1334826		27.33		831840		30.57	
LOWER LIMIT		329816		19.90		333707		26.33		207960		29.57	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24213-BLANK	WG24213-1		679623		20.40		632071		26.82		452559		30.08	
02	WG24213-LCS	WG24213-2		631985		20.41		635315		26.84		422078		30.08	
03	WG24213-LCSD	WG24213-3		735219		20.41		693842		26.85		374318		30.08	
04	46GW1901	WV6788-1		714112		20.41		533434		26.84		320295		30.08	
05	46GW2001	WV6788-2		761493		20.41		546742		26.84		268811		30.08	
06	46GW2001D	WV6788-3		771303		20.40		625088		26.84		343798		30.08	
07	46GW1701	WV6788-4		749512		20.40		547079		26.83		232977		30.07	
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: KD724 DFTPP Injection Date: 01/23/06

Instrument ID: GCMS-K DFTPP Injection Time: 1030

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	58.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	50.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.2
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	10.2 (80.5)2
442	40.0 - 100.0% of mass 198	66.1
443	17.0 - 23.0% of mass 442	12.7 (19.2)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0123	K1395	01/23/06	1056
02	38GW3S01	WV6788-7	K1400	01/23/06	1457
03	38GW1I01	WV6788-8	K1401	01/23/06	1545
04	38GW1S01	WV6788-9	K1402	01/23/06	1632
05	38GW0501	WV6788-10	K1403	01/23/06	1722
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/23/06 Time: 1056

Lab File ID: K1395 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	46.847000	50.000000	1.4652000	0.01	-6.31	20.00	2RDR
Bis(2-Chloroethyl)ether	51.997000	50.000000	1.1052000	0.01	3.99	100.00	LINR
2-Chlorophenol	52.241000	50.000000	0.9637800	0.01	4.48	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.1142000	1.1142000	0.01	-7.92	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.0800000	1.0800000	0.01	-6.82	20.00	AVRG
1,2-Dichlorobenzene	44.650000	50.000000	0.9783800	0.01	-10.70	100.00	2RDR
2-Methylphenol	49.546000	50.000000	0.8836600	0.01	-0.91	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	1.9567000	1.9567000	0.01	-6.47	100.00	AVRG
N-Nitroso-di-n-propylamine	50.429000	50.000000	0.7423500	0.05	0.86	100.00	LINR
4-Methylphenol	52.973000	50.000000	0.9490900	0.01	5.95	100.00	LINR
Hexachloroethane	0.4600000	0.4369000	0.4369000	0.01	-5.02	100.00	AVRG
Nitrobenzene	0.3160000	0.2877900	0.2877900	0.01	-8.93	100.00	AVRG
Isophorone	0.5980000	0.5495400	0.5495400	0.01	-8.10	100.00	AVRG
2-Nitrophenol	0.1860000	0.1706800	0.1706800	0.01	-8.24	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.2754800	0.2754800	0.01	-8.78	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.3660500	0.3660500	0.01	-7.56	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2236700	0.2236700	0.01	-4.00	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2510500	0.2510500	0.01	-7.70	100.00	AVRG
4-Chloroaniline	0.3320000	0.2985000	0.2985000	0.01	-10.09	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1326700	0.1326700	0.01	-13.85	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.2452000	0.2452000	0.01	-8.16	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2206700	0.2206700	0.05	49.10	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.2977500	0.2977500	0.01	-10.32	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3126700	0.3126700	0.01	-9.89	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3135400	0.3135400	0.01	-12.91	100.00	AVRG
2-Nitroaniline	0.3310000	0.2684500	0.2684500	0.01	-18.90	100.00	AVRG
Dimethyl Phthalate	1.0550000	0.9706100	0.9706100	0.01	-8.00	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2503100	0.2503100	0.01	-10.28	100.00	AVRG
3-Nitroaniline	0.2870000	0.2411400	0.2411400	0.01	-15.98	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/23/06 Time: 1056

Lab File ID: K1395 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	47.696000	50.000000	0.1323800	0.05	-4.61	100.00	2RDR
Dibenzofuran	1.2540000	1.1018000	1.1018000	0.01	-12.14	100.00	AVRG
4-Nitrophenol	39.706000	50.000000	8.69e-002	0.05	-20.59	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3219400	0.3219400	0.01	-7.49	100.00	AVRG
Diethylphthalate	1.0570000	0.9536800	0.9536800	0.01	-9.77	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.4533300	0.4533300	0.01	-11.80	100.00	AVRG
4-Nitroaniline	0.2760000	0.2307900	0.2307900	0.01	-16.38	100.00	AVRG
4,6-Dinitro-2-Methylphenol	45.580000	50.000000	0.1208300	0.01	-8.84	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5003000	0.5003000	0.01	-6.66	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.1885400	0.1885400	0.01	-5.26	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2220300	0.2220300	0.01	-9.74	100.00	AVRG
Pentachlorophenol	0.1400000	0.1299800	0.1299800	0.01	-7.16	20.00	AVRG
Carbazole	0.8210000	0.7182900	0.7182900	0.01	-12.51	100.00	AVRG
Di-n-butylphthalate	1.1030000	0.9844300	0.9844300	0.01	-10.75	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.4402600	0.4402600	0.01	-12.12	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2082000	0.2082000	0.01	-21.14	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.5351800	0.5351800	0.01	-13.96	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.1891000	1.1891000	0.01	-13.90	20.00	AVRG
2-Fluorophenol	1.0840000	1.0192000	1.0192000	0.01	-5.98	100.00	AVRG
Phenol-D6	1.3610000	1.2763000	1.2763000	0.01	-6.22	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.2753100	0.2753100	0.01	-11.48	100.00	AVRG
2-Fluorobiphenyl	1.0360000	0.8975100	0.8975100	0.01	-13.37	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.1678800	0.1678800	0.01	-21.55	100.00	AVRG
Terphenyl-D14	0.7300000	0.6755500	0.6755500	0.01	-7.46	100.00	AVRG

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1395 Date Analyzed: 01/23/06

Instrument ID: GCMS-K Time Analyzed: 1056

		IS1(DCB) AREA #	IS1(DCB) RT #	IS2(NPT) AREA #	IS2(NPT) RT #	IS3(ANT) AREA #	IS3(ANT) RT #
12 HOUR STD		210293	9.83	688005	12.65	384324	16.82
UPPER LIMIT		420586	10.33	1376010	13.15	768648	17.32
LOWER LIMIT		105147	9.33	344003	12.15	192162	16.32
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	38GW3S01	WV6788-7	246298	9.84	843662	12.66	449247	16.83
02	38GW1I01	WV6788-8	259046	9.84	902986	12.67	462470	16.84
03	38GW1S01	WV6788-9	241933	9.85	857195	12.66	250449	16.84
04	38GW0S01	WV6788-10	234749	9.84	797114	12.67	416625	16.84
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1395 Date Analyzed: 01/23/06

Instrument ID: GCMS-K Time Analyzed: 1056

		IS4 (PHN) AREA #	IS4 (PHN) RT #	IS5 (CRY) AREA #	IS5 (CRY) RT #	IS6 (PRY) AREA #	IS6 (PRY) RT #
12 HOUR STD		580288	20.39	541913	26.82	361791	30.06
UPPER LIMIT		1160576	20.89	1083826	27.32	723582	30.56
LOWER LIMIT		290144	19.89	270957	26.32	180896	29.56
	CLIENT SAMPLE ID / LAB SAMPLE ID						
01	38GW3S01 / WV6788-7	611870	20.42	357647	26.84	190844	30.09
02	38GW1I01 / WV6788-8	651183	20.41	415157	26.85	229673	30.09
03	38GW1S01 / WV6788-9	515231	20.41	155832*	26.85	8219*	30.09
04	38GW0501 / WV6788-10	582923	20.41	403292	26.86	207044	30.10
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

SIM/SV
SEP

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846/EPA
Analysis: Semivolatile Organics
Date QC Started: 12-27-05
QC Expiration Date: 01-09-05
SURROGATE ID: SV2084* SIM/SV2087+
SURROGATE ID: SV2085SV

Analytical Method: SW846-8270
EPA-625 or CLP
Extraction Technique: CLLE-3520
SEP-3510
Matrix: AQUEOUS
SPIKE ID: SV2086SIM
SPIKE ID: SV2083 SV

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:
Solvent Lot # MeCl2 B43E90

pH Adjustments - 1st extraction: ≥ 11
2nd extraction: ≤ 2
Have all samples been adjusted for pH? yes

All volumes in milliliters unless otherwise indicated.

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	12-27-05	GN	WG24213-1 WG24214-1	1000	1.0 mL	NR	1mL	12-28-05	SV108 B5	KF	SV R43896 SIM R43897 *
LCS-1			WG24217-2		1.0 mL	1mL			B6		SV
MS			-3			1mL			B7		
MSD			-4	200		NR			B8		TCLP BLK FBTG964
Blank-2			WG24214-2	1000		1mL	1mL	1-10-06	SV110 E4	KF	SIM *
LCS-2			-3			1mL			E5		*
Blank-3	1-3-06	TR	WG24344-1	1000 ML	1ML	NR	1mL	1-4-06	SV108 C2	TR	R44084 SV
LCS-3			-2			1ML			C3		
Blank-4			-3						C4		
LCS-4			-4	200 ML		NR			C5		TCLP BLK FBTG9EA
Blank-5											
LCS-5											
Blank-6											
LCS-6											

All volumes in milliliters unless otherwise indicated.

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	12-27-05	GN	WV6695-1	200	1mL	NR	1mL	12-28-05	SV108 B9	KF	SV TCLP
2			WV6788-1	1060	1mL		1mL	1-10-06	SV110 E6	KF	* SIM/SV
3			-2	1060					E7		+
4			-3	1040					E8		
5			-4	1060					E9		
6			-5	1060					E10		
7			-6	1030					SV111 A1		
8			-7	1000					A2		
9			-8	1060					A3		
10			-9	990					A4		
11			-10	1030					A5		
12			-11	1040					A6		
13			-12	1040					A7		
14	1-3-06	TR	WV6780-3	200 ML	1ML	NR	1mL	1-4-06	SV108 C6	TR	sim. emulsion-both TCLP SV
15			WV6901-1	850 ML			1mL	1-5-06	SV110 B6	GN	sim. emulsion-both
16											
17											
18											
19											
20											

Reviewed By: _____

Katahdin Analytical Services 2000190

Data File: \\Target_server\GG\chem\gcms-k.i\K011006.b\K1227.D
Report Date: 24-Jan-2006 13:38

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-k.i\K011006.b\K1227.D
Lab Smp Id: SSTD050K0110
Inj Date : 10-JAN-2006 13:08 MS Autotune Date: 01-MAR-2004 10:18
Operator : JCG Inst ID: gcms-k.i
Smp Info : SSTD050K0110
Misc Info : SW846 8270C
Comment :
Method : \\Target_server\GG\chem\gcms-k.i\K011006.b\k8270C57.m
Meth Date : 19-Jan-2006 13:41 gcms-k.i Quant Type: ISTD
Cal Date : 05-JAN-2006 18:59 Cal File: K1136.D
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.12

Concentration Formula: Amt * DF * 1000*(Vt/Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.000	Volume of sample extracted (L)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
1	1,4-Dioxane	58	4.557	4.561	(0.460)	159892	50.0000	45.8
2	N-Nitrosodimethylamine	42	5.034	5.077	(0.508)	261133	50.0000	52.2
3	Pyridine	79	5.082	5.126	(0.513)	496682	50.0000	52.0
4	2-Picoline	93	6.299	6.323	(0.636)	492675	50.0000	53.4
5	N-Nitrosomethylethylamine	88	6.504	6.518	(0.656)	231969	50.0000	54.0
6	Methyl Methanesulfonate	80	7.068	7.073	(0.713)	227228	50.0000	52.5
$ 7	2-Fluorophenol	112	7.351	7.345	(0.742)	379990	50.0000	53.8
8	N-Nitrosodiethylamine	102	7.779	7.783	(0.785)	217336	50.0000	53.6
9	Ethyl Methanesulfonate	79	8.402	8.397	(0.848)	321696	50.0000	51.8
10	Benzaldehyde	77	9.015	9.020	(0.910)	8143	50.0000	67.0(Q)
11	Aniline	93	9.249	9.244	(0.933)	576164	50.0000	52.0
12	Pentachloroethane	117	9.317	9.321	(0.940)	133289	50.0000	52.0
$ 13	Phenol-D6	99	9.200	9.185	(0.928)	473156	50.0000	53.3
14	Phenol	94	9.230	9.214	(0.931)	536209	50.0000	54.2
15	Bis(2-Chloroethyl)ether	93	9.415	9.409	(0.950)	399638	50.0000	58.4
16	2-Chlorophenol	128	9.473	9.467	(0.956)	346647	50.0000	58.4
17	1,3-Dichlorobenzene	146	9.785	9.779	(0.987)	413076	50.0000	52.4
* 18	1,4-Dichlorobenzene-D4	152	9.911	9.915	(1.000)	260714	40.0000	
19	1,4-Dichlorobenzene	146	9.950	9.945	(1.004)	392285	50.0000	51.9
20	1,2-Dichlorobenzene	146	10.262	10.256	(1.035)	354717	50.0000	50.8
21	Benzyl alcohol	108	10.252	10.246	(1.034)	180962	50.0000	47.7
22	2,2'-Oxybis(1-chloropropane)	45	10.563	10.548	(1.066)	706805	50.0000	51.8

Data File: \\Target_server\GG\chem\gcms-k.i\K011006.b\K1227.D
Report Date: 24-Jan-2006 13:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
23	Bis(2-Chloroisopropyl)ether	45	10.563	10.548	(1.066)	706805	50.0000	51.8
24	2-Methylphenol	108	10.515	10.499	(1.061)	327324	50.0000	56.9(QM)
25	Acetophenone	105	10.817	10.801	(0.849)	448746	50.0000	52.7
26	N-Nitrosopyrrolidine	100	10.787	10.782	(1.088)	189705	50.0000	55.7
27	N-Nitroso-di-n-propylamine	70	10.846	10.830	(1.094)	286904	50.0000	60.9
28	o-Toluidine	106	10.885	10.879	(0.855)	518981	50.0000	55.2
29	N-Nitrosomorpholine	56	10.885	10.869	(1.098)	219048	50.0000	57.7
30	Hexachloroethane	117	10.982	10.986	(1.108)	159076	50.0000	53.0
31	3&4-Methylphenol	108	10.865	10.850	(1.096)	344141	50.0000	59.8
32	4-Methylphenol	108	10.865	10.850	(1.096)	344141	50.0000	59.8
$ 33	Nitrobenzene-D5	82	11.128	11.122	(0.874)	346502	50.0000	53.5
34	Nitrobenzene	77	11.167	11.161	(0.877)	357755	50.0000	54.4
35	N-Nitrosopiperidine	114	11.517	11.512	(0.904)	194805	50.0000	56.8
36	Isophorone	82	11.732	11.716	(0.921)	687613	50.0000	55.2
37	2-Nitrophenol	139	11.878	11.882	(0.933)	210542	50.0000	54.4
38	2,4-Dimethylphenol	107	12.053	12.047	(0.946)	356779	50.0000	56.6
39	O,O,O-Triethylphosphorothioat	198	12.228	12.223	(0.960)	146238	50.0000	50.7
40	Bis(2-Chloroethoxy)methane	93	12.277	12.271	(0.964)	436632	50.0000	52.9
41	2,4-Dichlorophenol	162	12.442	12.437	(0.977)	264414	50.0000	54.5
42	Benzoic acid	122	12.345	12.223	(0.969)	191981	50.0000	48.3(M)
43	1,2,4-Trichlorobenzene	180	12.618	12.612	(0.991)	292090	50.0000	51.4
* 44	Naphthalene-D8	136	12.734	12.729	(1.000)	832952	40.0000	
45	Naphthalene	128	12.783	12.777	(1.004)	833928	50.0000	51.2
46	A,A-Dimethylphenethylamine	58	12.861	12.583	(1.010)	1010586	50.0000	52.0(TM)
47	Hexachloropropene	213	12.988	12.992	(1.020)	131681	50.0000	48.7
48	2,6-Dichlorophenol	162	12.958	12.953	(1.018)	243071	50.0000	52.1
49	4-Chloroaniline	127	12.968	12.962	(1.018)	369888	50.0000	53.5
50	Hexachlorobutadiene	225	13.104	13.099	(1.029)	161335	50.0000	50.2
51	N-Nitroso-Di-N-Butylamine	84	13.815	13.809	(1.085)	300254	50.0000	61.0
52	Caprolactam	113	13.844	13.819	(1.087)	127143	50.0000	54.0(Q)
53	p-Phenylenediamine	108	13.893	13.868	(0.822)	142974	50.0000	41.0(M)
54	Safrole	104	14.282	14.277	(0.845)	123116	50.0000	47.3
55	4-Chloro-3-Methylphenol	107	14.175	14.170	(1.113)	295812	50.0000	53.2
56	2-Methylnaphthalene	142	14.428	14.423	(1.133)	571835	50.0000	53.9
57	1-Methylnaphthalene	142	14.652	14.656	(1.151)	580114	50.0000	53.9
58	Hexachlorocyclopentadiene	237	14.808	14.812	(0.876)	61451	50.0000	34.3
59	1,2,4,5-Tetrachlorobenzene	216	14.818	14.822	(0.876)	294062	50.0000	49.2
60	2,4,6-Trichlorophenol	196	15.139	15.133	(0.895)	201595	50.0000	50.0
61	2,4,5-Trichlorophenol	196	15.217	15.221	(0.900)	203282	50.0000	48.2
$ 62	2-Fluorobiphenyl	172	15.353	15.348	(0.908)	639672	50.0000	50.8
63	Diethyl Adipate	111	15.451	15.455	(0.914)	219584	50.0000	52.2
64	Isosafrole	131	15.528	15.523	(1.219)	106615	50.0000	54.2
65	2-Chloronaphthalene	164	15.587	15.581	(0.922)	221169	50.0000	50.6(H)
66	1,1'-Biphenyl	154	15.577	15.572	(0.921)	622397	50.0000	46.8
67	1-Chloronaphthalene	162	15.626	15.620	(0.924)	492489	50.0000	48.2
68	Diphenylether	170	15.850	15.844	(0.937)	391028	50.0000	50.3
69	2-Nitroaniline	65	15.889	15.873	(0.940)	187908	50.0000	46.8
70	1,4-Naphthoquinone	158	16.044	16.039	(0.949)	143183	50.0000	42.6
71	1,4-Dinitrobenzene	75	16.259	16.243	(0.961)	103034	50.0000	45.5
72	Dimethyl Phthalate	163	16.405	16.389	(0.970)	656805	50.0000	51.3
73	1,3-Dinitrobenzene	168	16.424	16.418	(0.971)	131884	50.0000	50.0
74	Acenaphthylene	152	16.560	16.555	(0.979)	862791	50.0000	50.7
75	2,6-Dinitrotoluene	165	16.512	16.506	(0.976)	171159	50.0000	50.5
76	1,2-Dinitrobenzene	50	16.609	16.594	(0.982)	91492	50.0000	45.8

Data File: \\Target_server\GG\chem\gcms-k.i\K011006.b\K1227.D
Report Date: 24-Jan-2006 13:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	77 Acenaphthene-D10	164	16.911	16.915	(1.000)	485693	40.0000	
	78 3-Nitroaniline	138	16.891	16.886	(0.999)	169583	50.0000	48.7
	79 Acenaphthene	153	16.989	16.983	(1.005)	536008	50.0000	50.5
	80 2,4-Dinitrophenol	184	17.154	17.158	(1.014)	79852	50.0000	47.4
	81 Pentachlorobenzene	250	17.300	17.295	(1.023)	276865	50.0000	48.5
	82 Dibenzofuran	168	17.417	17.412	(1.030)	767109	50.0000	50.4
	83 2,4-Dinitrotoluene	165	17.475	17.460	(1.033)	203600	50.0000	48.2
	84 1-Naphthylamine	143	17.622	17.616	(1.042)	479722	50.0000	48.7
	85 4-Nitrophenol	109	17.398	17.392	(1.029)	61328	50.0000	45.5 (Q)
	86 2,3,5,6-Tetrachlorophenol	232	17.641	17.635	(1.043)	179764	50.0000	50.1
	87 2,3,4,6-Tetrachlorophenol	232	17.738	17.733	(1.049)	182749	50.0000	49.1
	88 2-Naphthylamine	143	17.826	17.811	(1.054)	492417	50.0000	48.8
	89 Diethylphthalate	149	18.128	18.112	(1.072)	646413	50.0000	50.4
	90 Fluorene	166	18.235	18.229	(1.078)	633834	50.0000	51.0
	91 4-Chlorophenyl-phenylether	204	18.303	18.297	(1.082)	318541	50.0000	51.0
	92 0,0-diethyl-o-2-pyrazinylphos	107	18.313	18.297	(1.083)	118391	50.0000	49.8
	93 5-Nitro-O-Toluidine	152	18.342	18.317	(1.085)	182696	50.0000	49.1 (Q)
	94 4-Nitroaniline	138	18.371	18.346	(1.086)	163528	50.0000	48.9
	95 4,6-Dinitro-2-Methylphenol	198	18.439	18.424	(0.900)	122304	50.0000	46.4
	96 N-Nitrosodiphenylamine/DPA	169	18.605	18.599	(0.908)	542470	50.0000	50.9
	97 N-Nitrosodiphenylamine	169	18.605	18.599	(0.908)	542470	50.0000	50.9
	98 1,2-Diphenylhydrazine	77	18.683	18.677	(0.912)	659506	50.0000	51.4
	99 Azobenzene	77	18.683	18.677	(0.912)	659506	50.0000	51.4
$	100 2,4,6-Tribromophenol	330	18.829	18.813	(1.113)	133030	50.0000	51.1
	101 Sulfotepp	97	19.101	19.096	(0.932)	110082	50.0000	51.1
	102 Diallate	86	19.549	19.544	(0.954)	130492	50.0000	52.0
	103 Phorate	75	19.364	19.359	(0.945)	486568	50.0000	49.8
	104 4-Bromophenyl-phenylether	248	19.481	19.475	(0.951)	202422	50.0000	51.2
	105 1,3,5-Trinitrobenzene	75	19.364	19.359	(0.945)	486568	50.0000	49.8
	106 Hexachlorobenzene	284	19.539	19.534	(0.953)	247278	50.0000	50.6
	107 Phenacetin	108	19.461	19.427	(0.950)	313325	50.0000	49.9
	108 Dimethoate	87	19.773	19.748	(0.965)	279091	50.0000	53.6
	109 Atrazine	200	19.987	19.972	(0.975)	163830	50.0000	53.7 (H)
	110 Pentachloronitrobenzene	237	20.085	20.079	(0.980)	70314	50.0000	49.8
	111 Pentachlorophenol	266	20.065	20.060	(0.979)	141948	50.0000	50.9
	112 4-Aminobiphenyl	169	20.124	20.118	(0.982)	519771	50.0000	50.1
	113 Pronamide	173	20.347	20.332	(0.993)	259557	50.0000	50.7
*	114 Phenanthrene-D10	188	20.493	20.488	(1.000)	794076	40.0000	
	115 Phenanthrene	178	20.552	20.537	(1.003)	859127	50.0000	51.1
	116 Dinoseb	211	20.591	20.585	(1.005)	154937	50.0000	47.3
	117 Anthracene	178	20.678	20.663	(1.009)	843605	50.0000	50.0
	118 Disulfoton	88	20.639	20.634	(1.007)	381900	50.0000	48.8
	119 Carbazole	167	21.117	21.111	(1.030)	837290	50.0000	51.4
	120 Methyl Parathion	109	21.525	21.520	(1.050)	219881	50.0000	57.0
	121 Di-n-butylphthalate	149	22.129	22.123	(1.080)	1198697	50.0000	54.7
	122 4-Nitroquinoline-1-Oxide	190	22.479	22.474	(1.097)	64306	50.0000	54.6
	123 Parathion	291	22.509	22.503	(1.098)	108392	50.0000	55.0
	124 Methapyrilene	97	22.762	22.746	(1.111)	260549	50.0000	55.4 (M)
	125 Isodrin	193	23.054	23.058	(1.125)	120468	50.0000	51.9
	126 Fluoranthene	202	23.434	23.428	(1.143)	987100	50.0000	53.5
	127 Benzidine	184	23.872	23.866	(0.886)	233525	50.0000	53.2
	128 Pyrene	202	23.959	23.963	(0.889)	1048219	50.0000	49.2
$	129 Terphenyl-D14	244	24.465	24.460	(0.908)	815063	50.0000	49.8
	130 Aramite	185	24.728	24.723	(0.918)	76765	50.0000	50.5

Data File: \\Target_server\GG\chem\gcms-k.i\K011006.b\K1227.D
Report Date: 24-Jan-2006 13:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
131	p-Dimethylaminoazobenzene	225	24.835	24.830	(0.922)	242861	50.0000	49.2
132	Chlorobenzilate	251	24.991	24.976	(0.928)	348462	50.0000	50.2
133	Famphur	218	25.595	25.579	(0.950)	74113	50.0000	46.4
135	3,3'-Dimethylbenzidine	212	25.663	25.667	(0.953)	278725	50.0000	56.0
136	Butylbenzylphthalate	149	25.780	25.774	(0.957)	574067	50.0000	51.1
137	Bis(2-ethylhexyl)adipate	129	26.072	26.066	(0.968)	497388	50.0000	52.3
138	2-Acetylaminofluorene	181	26.266	26.251	(0.975)	354783	50.0000	50.6
139	Benzo(a)anthracene	228	26.919	26.913	(0.999)	964544	50.0000	49.9
* 140	Chrysene-D12	240	26.938	26.933	(1.000)	896287	40.0000	
141	3,3'-Dichlorobenzidine	252	26.948	26.942	(1.000)	301892	50.0000	51.1
142	Chrysene	228	26.997	27.001	(1.002)	909977	50.0000	50.3
143	bis(2-Ethylhexyl)phthalate	149	27.260	27.264	(1.012)	750701	50.0000	53.9
145	Di-n-octylphthalate	149	28.798	28.792	(0.954)	1264765	50.0000	52.8
146	Benzo(b)fluoranthene	252	29.392	29.376	(0.974)	940578	50.0000	48.4
147	7,12-Dimethylbenz(A)Anthracen	256	29.401	29.386	(0.974)	476837	50.0000	48.7
148	Benzo(k)fluoranthene	252	29.450	29.444	(0.975)	988489	50.0000	50.8
149	Benzo(a)pyrene	252	30.063	30.058	(0.996)	870410	50.0000	51.0
* 150	Perylene-D12	264	30.190	30.184	(1.000)	693243	40.0000	
151	3-Methylcholanthrene	268	30.803	30.798	(1.143)	464957	50.0000	52.5
152	Dibenz(a,j)acridine	279	31.991	31.985	(1.060)	561659	50.0000	47.8
153	Indeno(1,2,3-cd)pyrene	276	32.341	32.336	(1.071)	572337	50.0000	46.2(M)
154	Dibenzo(a,h)anthracene	278	32.409	32.404	(1.074)	620527	50.0000	47.9
155	Benzo(g,h,i)perylene	276	32.916	32.910	(1.090)	662354	50.0000	47.2

QC Flag Legend

T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: KD725 DFTPP Injection Date: 01/24/06

Instrument ID: GCMS-K DFTPP Injection Time: 1204

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	58.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	56.3
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	48.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.0
275	10.0 - 30.0% of mass 198	23.3
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	10.9 (74.6)2
442	40.0 - 100.0% of mass 198	78.1
443	17.0 - 23.0% of mass 442	14.6 (18.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050K0124	K1413	01/24/06	1314
02	46GW1701D	WV6788-5	K1414	01/24/06	1404
03	46GW1801	WV6788-6	K1415	01/24/06	1452
04	38GW1S01	WV6788-9RA	K1416	01/24/06	1540
05	38GW1301	WV6788-11	K1417	01/24/06	1628
06	38GW3I01	WV6788-12	K1418	01/24/06	1717
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/24/06 Time: 1314

Lab File ID: K1413 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Phenol	53.703000	50.000000	1.6337000	0.01	7.41	20.00	2RDR
Bis(2-Chloroethyl)ether	55.636000	50.000000	1.1739000	0.01	11.27	100.00	LINR
2-Chlorophenol	61.450000	50.000000	1.1139000	0.01	22.90	100.00	LINR
1,3-Dichlorobenzene	1.2100000	1.2381000	1.2381000	0.01	2.32	100.00	AVRG
1,4-Dichlorobenzene	1.1590000	1.2415000	1.2415000	0.01	7.12	20.00	AVRG
1,2-Dichlorobenzene	51.874000	50.000000	1.1061000	0.01	3.75	100.00	2RDR
2-Methylphenol	58.688000	50.000000	1.0331000	0.01	17.38	100.00	LINR
2,2'-Oxybis(1-chloropropane)	2.0920000	2.2450000	2.2450000	0.01	7.31	100.00	AVRG
N-Nitroso-di-n-propylamine	60.378000	50.000000	0.8737600	0.05	20.76	100.00	LINR
4-Methylphenol	59.795000	50.000000	1.0563000	0.01	19.59	100.00	LINR
Hexachloroethane	0.4600000	0.4866700	0.4866700	0.01	5.80	100.00	AVRG
Nitrobenzene	0.3160000	0.3300900	0.3300900	0.01	4.46	100.00	AVRG
Isophorone	0.5980000	0.6226900	0.6226900	0.01	4.13	100.00	AVRG
2-Nitrophenol	0.1860000	0.2015100	0.2015100	0.01	8.34	20.00	AVRG
2,4-Dimethylphenol	0.3020000	0.3322400	0.3322400	0.01	10.01	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3960000	0.4302200	0.4302200	0.01	8.64	100.00	AVRG
2,4-Dichlorophenol	0.2330000	0.2723300	0.2723300	0.01	16.88	20.00	AVRG
1,2,4-Trichlorobenzene	0.2720000	0.2982700	0.2982700	0.01	9.66	100.00	AVRG
4-Chloroaniline	0.3320000	0.3397400	0.3397400	0.01	2.33	100.00	AVRG
Hexachlorobutadiene	0.1540000	0.1781400	0.1781400	0.01	15.68	20.00	AVRG
4-Chloro-3-Methylphenol	0.2670000	0.3007100	0.3007100	0.01	12.62	20.00	AVRG
Hexachlorocyclopentadiene	0.1480000	0.2636700	0.2636700	0.05	78.16	100.00	AVRG
2,4,6-Trichlorophenol	0.3320000	0.3343800	0.3343800	0.01	0.72	20.00	AVRG
2,4,5-Trichlorophenol	0.3470000	0.3889000	0.3889000	0.01	12.08	100.00	AVRG
2-Chloronaphthalene	0.3600000	0.3884000	0.3884000	0.01	7.89	100.00	AVRG
2-Nitroaniline	0.3310000	0.3209000	0.3209000	0.01	-3.05	100.00	AVRG
Dimethyl Phthalate	1.0550000	1.0737000	1.0737000	0.01	1.77	100.00	AVRG
2,6-Dinitrotoluene	0.2790000	0.2872000	0.2872000	0.01	2.94	100.00	AVRG
3-Nitroaniline	0.2870000	0.2759700	0.2759700	0.01	-3.84	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-K Calibration Date: 01/24/06 Time: 1314

Lab File ID: K1413 Init. Calib. Date(s): 01/10/06 01/10/06

Init. Calib. Times: 1308 1716

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2,4-Dinitrophenol	53.213000	50.000000	0.1507500	0.05	6.43	100.00	2RDR
Dibenzofuran	1.2540000	1.3105000	1.3105000	0.01	4.50	100.00	AVRG
4-Nitrophenol	43.283000	50.000000	9.56e-002	0.05	-13.43	100.00	LINR
2,4-Dinitrotoluene	0.3480000	0.3496200	0.3496200	0.01	0.46	100.00	AVRG
Diethylphthalate	1.0570000	1.0763000	1.0763000	0.01	1.82	100.00	AVRG
4-Chlorophenyl-phenylether	0.5140000	0.5434300	0.5434300	0.01	5.72	100.00	AVRG
4-Nitroaniline	0.2760000	0.2351600	0.2351600	0.01	-14.80	100.00	AVRG
4,6-Dinitro-2-Methylphenol	50.783000	50.000000	0.1360000	0.01	1.57	100.00	LINR
N-Nitrosodiphenylamine	0.5360000	0.5760600	0.5760600	0.01	7.47	20.00	AVRG
4-Bromophenyl-phenylether	0.1990000	0.2262600	0.2262600	0.01	13.70	100.00	AVRG
Hexachlorobenzene	0.2460000	0.2806000	0.2806000	0.01	14.06	100.00	AVRG
Pentachlorophenol	0.1400000	0.1382000	0.1382000	0.01	-1.28	20.00	AVRG
Carbazole	0.8210000	0.7840800	0.7840800	0.01	-4.50	100.00	AVRG
Di-n-butylphthalate	1.1030000	1.1316000	1.1316000	0.01	2.59	100.00	AVRG
Butylbenzylphthalate	0.5010000	0.5065800	0.5065800	0.01	1.11	100.00	AVRG
3,3'-Dichlorobenzidine	0.2640000	0.2352700	0.2352700	0.01	-10.88	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.6220000	0.6403900	0.6403900	0.01	2.96	100.00	AVRG
Di-n-octylphthalate	1.3810000	1.3438000	1.3438000	0.01	-2.69	20.00	AVRG
2-Fluorophenol	1.0840000	1.1463000	1.1463000	0.01	5.75	100.00	AVRG
Phenol-D6	1.3610000	1.4693000	1.4693000	0.01	7.96	100.00	AVRG
Nitrobenzene-D5	0.3110000	0.3253000	0.3253000	0.01	4.60	100.00	AVRG
2-Fluorobiphenyl	1.0360000	1.0864000	1.0864000	0.01	4.86	100.00	AVRG
2,4,6-Tribromophenol	0.2140000	0.2050300	0.2050300	0.01	-4.19	100.00	AVRG
Terphenyl-D14	0.7300000	0.8001600	0.8001600	0.01	9.61	100.00	AVRG

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1413 Date Analyzed: 01/24/06

Instrument ID: GCMS-K Time Analyzed: 1314

		IS1(DCB) AREA #	IS1(DCB) RT #	IS2(NPT) AREA #	IS2(NPT) RT #	IS3(ANT) AREA #	IS3(ANT) RT #
12 HOUR STD		257906	9.82	824428	12.66	450535	16.83
UPPER LIMIT		515812	10.32	1648856	13.16	901070	17.33
LOWER LIMIT		128953	9.32	412214	12.16	225268	16.33
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	46GW1701D	WV6788-5	314080	9.82	1100108	12.65	577281	16.82
02	46GW1801	WV6788-6	315498	9.83	1114944	12.65	612462	16.82
03	38GW1S01	WV6788-9RA	325000	9.82	1117223	12.65	224061*	16.82
04	38GW1301	WV6788-11	308700	9.82	1061129	12.66	561905	16.83
05	38GW3I01	WV6788-12	303474	9.83	1055002	12.66	551861	16.82
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): K1413 Date Analyzed: 01/24/06

Instrument ID: GCMS-K Time Analyzed: 1314

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		680444	20.40	625971	26.84	444048	30.07
UPPER LIMIT		1360888	20.90	1251942	27.34	888096	30.57
LOWER LIMIT		340222	19.90	312986	26.34	222024	29.57
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	46GW1701D	WV6788-5	862392	20.39	845495	26.84	626007	30.08
02	46GW1801	WV6788-6	932913	20.39	844250	26.84	567120	30.07
03	38GW1S01	WV6788-9RA	663926	20.39				
04	38GW1301	WV6788-11	820873	20.40	739969	26.84	477780	30.07
05	38GW3I01	WV6788-12	780918	20.40	674135	26.83	450132	30.07
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: UD173 DFTPP Injection Date: 01/14/06

Instrument ID: GCMS-U DFTPP Injection Time: 1018

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	31.4
68	Less than 2.0% of mass 69	0.2 (0.6)1
69	Less than 100.0% of mass 198	39.6
70	Less than 2.0% of mass 69	0.1 (0.3)1
127	40.0 - 60.0% of mass 198	53.0
197	Less than 1.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.3
365	1.0 - 100.0% of mass 198	2.6
441	0.0 - 100.0% of mass 443	14.1 (77.3)2
442	40.0 - 100.0% of mass 198	95.9
443	17.0 - 23.0% of mass 442	18.2 (19.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0114	U3457	01/14/06	1123
02		SSTD5.00U0114	U3458	01/14/06	1209
03		SSTD3.00U0114	U3459	01/14/06	1255
04		SSTD2.00U0114	U3460	01/14/06	1341
05		SSTD0.50U0114	U3461	01/14/06	1426
06		SSTD0.20U0114	U3462	01/14/06	1511
07	WG24214-BLANK	WG24214-1	U3463	01/14/06	1556
08	WG24214-LCS	WG24214-2	U3464	01/14/06	1642
09	WG24214-LCSD	WG24214-3	U3465	01/14/06	1727
10	46GW1901	WV6788-1	U3470	01/14/06	2116
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-U Calibration Date(s): 01/14/06 01/14/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1123 1511

LAB FILE ID: RF0.2: U3462 RF0.5: U3461 RF1: U3457
RF2: U3460 RF3: U3459 RF5: U3458

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	COEFFICENTS A1	COEFFICENTS A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.825	0.929	0.894	0.850	0.781	0.695	AVRG		0.82898100		10.093	15.000
2-Methylnaphthalene	0.388	0.315	0.376	0.415	0.379	0.324	AVRG		0.36610638		10.610	15.000
Acenaphthylene	0.880	0.831	0.938	1.016	1.143	1.128	AVRG		0.98951976		13.042	15.000
Acenaphthene	0.661	1.009	0.948	0.871	0.885	0.809	AVRG		0.86380063		13.983	15.000
Fluorene	0.764	0.901	1.072	1.047	1.062	1.006	AVRG		0.97543793		12.377	15.000
Phenanthrene	1.165	1.015	1.121	1.104	1.193	1.109	AVRG		1.11783805		5.464	15.000
Anthracene	1.003	1.052	1.187	1.129	1.235	1.226	AVRG		1.13861907		8.353	15.000
Fluoranthene	0.641	0.622	0.678	0.720	0.812	0.778	AVRG		0.70827587		10.678	15.000
Pyrene	2.115	2.274	2.467	2.167	2.284	1.892	AVRG		2.19986986		8.787	15.000
Benzo(a)anthracene	0.569	0.544	0.628	0.655	0.708	0.690	AVRG		0.63218780		10.327	15.000
Chrysene	0.967	0.960	1.014	1.031	1.012	0.918	AVRG		0.98371235		4.341	15.000
Benzo(b)fluoranthene	1113	1199	2232	7426	12306	25934	2ORDR	1.249e-002	1.08835407	-3.52e-002	0.99632	0.99000
Benzo(k)fluoranthene	1.538	1.548	1.787	1.904	2.161	1.880	AVRG		1.80289888		13.125	15.000
Benzo(a)pyrene	1.284	1.086	1.104	1.126	1.269	1.200	AVRG		1.17797238		7.274	15.000
Indeno(1,2,3-cd)pyrene	0.367	0.295	0.324	0.381	0.411	0.395	AVRG		0.36222035		12.212	15.000
Dibenzo(a,h)anthracene	231	642	907	4051	6238	11465	LINR	0.15497239	1.81053718		0.99483	0.99000
Benzo(g,h,i)perylene	397	1124	1688	6850	10129	16431	2ORDR	0.16806979	0.90123113	7.197e-002	0.99180	0.99000
2-Methylnaphthalene-d10	0.229	0.186	0.246	0.240	0.217	0.214	AVRG		0.22221476		9.793	15.000
Fluorene-d10	0.799	0.976	1.015	0.982	1.034	0.931	AVRG		0.95622771		8.863	15.000
Pyrene-d10	1.741	1.795	2.119	1.817	1.872	1.636	AVRG		1.82981359		8.893	15.000

Average %RSD test result.

Calculate Average %RSD: 9.923386574
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 14-JAN-2006 15:56
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24214-1
Client ID: WG24214-Blank
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.05	1.0	0.2	0.2	0.05
91-57-6	2-Methylnaphthalene	U	0.06	1.0	0.2	0.2	0.06
208-96-8	Acenaphthylene	U	0.04	1.0	0.2	0.2	0.04
83-32-9	Acenaphthene	U	0.09	1.0	0.2	0.2	0.09
86-73-7	Fluorene	U	0.06	1.0	0.2	0.2	0.06
85-01-8	Phenanthrene	U	0.08	1.0	0.2	0.2	0.08
120-12-7	Anthracene	U	0.07	1.0	0.2	0.2	0.07
206-44-0	Fluoranthene	U	0.07	1.0	0.2	0.2	0.07
129-00-0	Pyrene	U	0.09	1.0	0.2	0.2	0.09
56-55-3	Benzo(a)anthracene	U	0.08	1.0	0.2	0.2	0.08
218-01-9	Chrysene	U	0.05	1.0	0.2	0.2	0.05
205-99-2	Benzo(b)fluoranthene	U	0.08	1.0	0.2	0.2	0.08
207-08-9	Benzo(k)fluoranthene	U	0.1	1.0	0.2	0.2	0.1
50-32-8	Benzo(a)pyrene	U	0.08	1.0	0.2	0.2	0.08
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.07	1.0	0.2	0.2	0.07
53-70-3	Dibenzo(a,h)anthracene	U	0.1	1.0	0.2	0.2	0.1
191-24-2	Benzo(g,h,i)perylene	U	0.2	1.0	0.2	0.2	0.2
7297-45-2	2-Methylnaphthalene-d10		138%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		103%				

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/14/06
Report Date: 01/19/2006
Matrix: WATER

Lab ID: WG24214-2 & WG24214-3
Client ID: WG24214-LCS & WG24214-LCSD
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Naphthalene	2.0	2.0	NA	1.3	1.4	67	68	0.7	30	30-150
2-Methylnaphthalene	2.0	2.0	NA	2.4	1.8	120	90	28	30	30-150
Acenaphthylene	2.0	2.0	NA	1.6	1.6	81	78	4	30	30-150
Acenaphthene	2.0	2.0	NA	1.5	1.5	77	74	4	30	30-150
Fluorene	2.0	2.0	NA	1.4	1.4	70	70	1	30	30-150
Phenanthrene	2.0	2.0	NA	1.7	1.7	86	83	4	30	30-150
Anthracene	2.0	2.0	NA	1.7	1.6	84	78	7	30	30-150
Fluoranthene	2.0	2.0	NA	1.9	2.0	94	98	3	30	30-150
Pyrene	2.0	2.0	NA	2.0	1.7	99	87	13	30	30-150
Benzo(a)anthracene	2.0	2.0	NA	1.8	1.8	92	92	1	30	30-150
Chrysene	2.0	2.0	NA	1.9	1.8	94	92	2	30	30-150
Benzo(b)fluoranthene	2.0	2.0	NA	1.8	1.7	92	86	7	30	30-150
Benzo(k)fluoranthene	2.0	2.0	NA	2.0	1.8	100	90	11	30	30-150
Benzo(a)pyrene	2.0	2.0	NA	1.8	1.7	90	84	7	30	30-150
Indeno(1,2,3-cd)pyrene	2.0	2.0	NA	1.8	1.8	88	88	0.6	30	30-150
Dibenzo(a,h)anthracene	2.0	2.0	NA	1.6	1.6	78	78	1	30	30-150
Benzo(g,h,i)perylene	2.0	2.0	NA	1.6	1.6	79	79	0.0	30	30-150

FORM III SV-1

U3464.D & U3465.D

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG24214-BLANK	WG24214-1	138	88	103						0
02	WG24214-LCS	WG24214-2	90	85	113						0
03	WG24214-LCSD	WG24214-3	99	79	98						0
04	46GW1901	WV6788-1	109	91	102						0
05	46GW2001	WV6788-2	92	84	94						0
06	46GW2001D	WV6788-3	85	80	95						0
07	46GW1901	WV6788-1DL	D	D	D						0
08	46GW1701	WV6788-4	78	80	89						0
09	46GW1701D	WV6788-5	88	79	94						0
10	46GW1801	WV6788-6	86	84	98						0
11	38GW3S01	WV6788-7	85	79	78						0
12	38GW1I01	WV6788-8	94	90	91						0
13	38GW1S01	WV6788-9	76	319J	0J						2
14	38GW0501	WV6788-10	70	82	102						0
15	38GW1301	WV6788-11	79	86	102						0
16	38GW3I01	WV6788-12	74	80	77						0
17	38GW1S01	WV6788-9RA	75	390J	0J						2
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

SIM/SV SEP

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846/EPA

Analysis: Semivolatile Organics

Date QC Started: 12-27-05

QC Expiration Date: 01-09-05

SURROGATE ID: SV2084* SIM/SV2087 SIM +

SURROGATE ID: SV2085 SV

Analytical Method: SW846-8270 / EPA-625 or CLP

Extraction Technique: CLLE-3520 / SEP-3510

Matrix: AQUEOUS

SPIKE ID: SV2086 SIM

SPIKE ID: SV2083 SV

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Solvent Lot # MeCl2 B43E90

pH Adjustments - 1st extraction: ≥ 11

2nd extraction: ≤ 2

All volumes in milliliters unless otherwise indicated.

Have all samples been adjusted for pH? yes

All volumes in milliliters unless otherwise indicated.

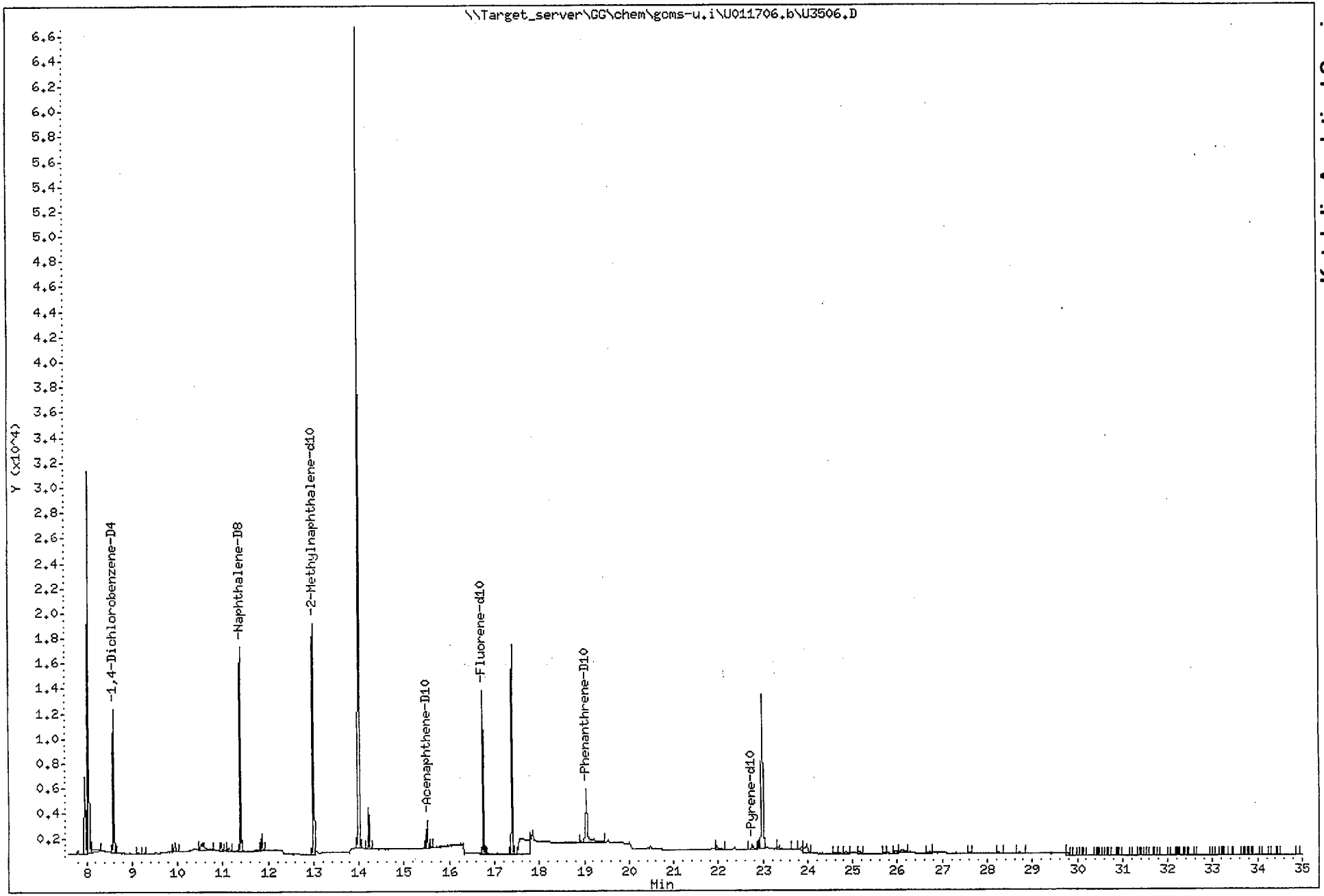
Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	12-27-05	GN	WG24213-1 WG24214-1	1000	1.0 mL	NR	1mL	12-28-05	SV108 B5	KF	SV R43896 * SIM R43897
LCS-1			WG24212-2		1.0 mL	1mL			B6		SV
MS			-3			1mL			B7		
MSD			-4	1000		NR			B8		TCLP BLK PBT696A
Blank-2			WG24214-2	1000		1mL	1mL	1-10-06	SV110 E4	KF	SIM *
LCS-2			-3			1mL			E5		*
Blank-3	1-3-06	TR	WG24344-1	1000 ML	1ML	NR	1mL	1-4-06	SV108 C2	TR	R44044 SV
LCS-3			-2			1ML			C3		
Blank-4			-3						C4		
LCS-4			-4	200 ML		NR			C5		TCLP BLK PBT696A
Blank-5											
LCS-5											
Blank-6											
LCS-6											

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	12-27-05	GN	WV6695-1	260	1mL	NR	1mL	12-28-05	SV108 B9	KF	SV TCLP
2			WV6788-1	1060	1mL		1mL	1-10-06	SV110 E6	KF	* SIM/SV
3			-2	1060					E7		+
4			-3	1040					E8		
5			-4	1060					E9		
6			-5	1060					E10		
7			-6	1030					SV111 A1		
8			-7	1000					A2		
9			-8	1060					A3		
10			-9	990					A4		
11			-10	1030					A5		
12			-11	1040					A6		
13			-12	1040					A7		
14	1-3-06	TR	WV6780-3	200 ML	1ML	NR	1mL	1-4-06	SV108 C6	TR	sim. emulsion-both TCLP
15			WV6901-1	850 ML			1mL	1-5-06	SV110 B6	GN	sim. emulsion-both SV
16											
17											
18											
19											
20											

Reviewed By: _____

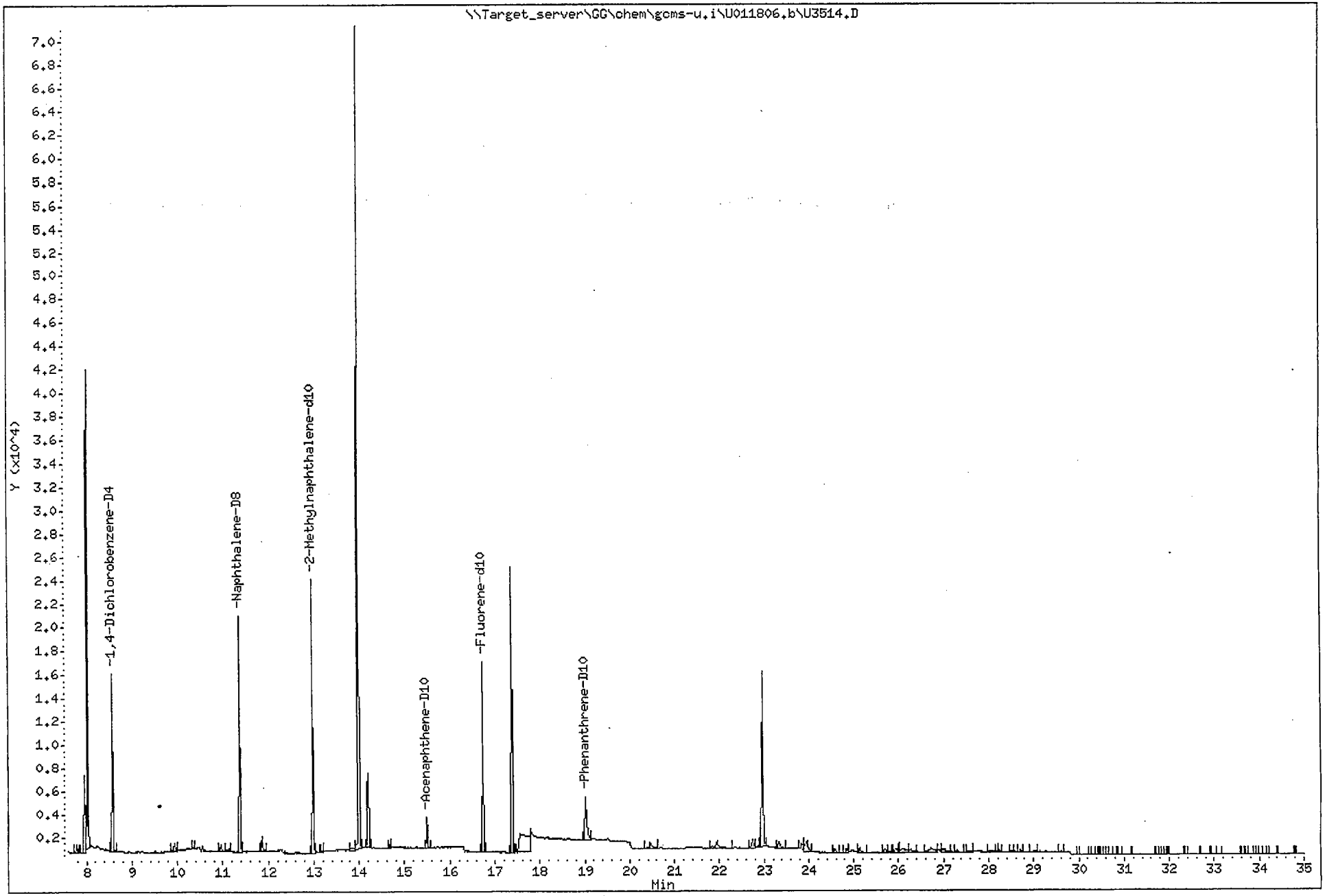
Katahdin Analytical Services 7000177

Data File: \\Target_server\GC\chem\gcms-u.i\U011706.b\U3506.D
Date : 17-JAN-2006 19:08
Client ID: 38GW1S01
Instrument: gcms-u.i
Sample Info: WV6788-9



Katahdin Analytical Services 7000063

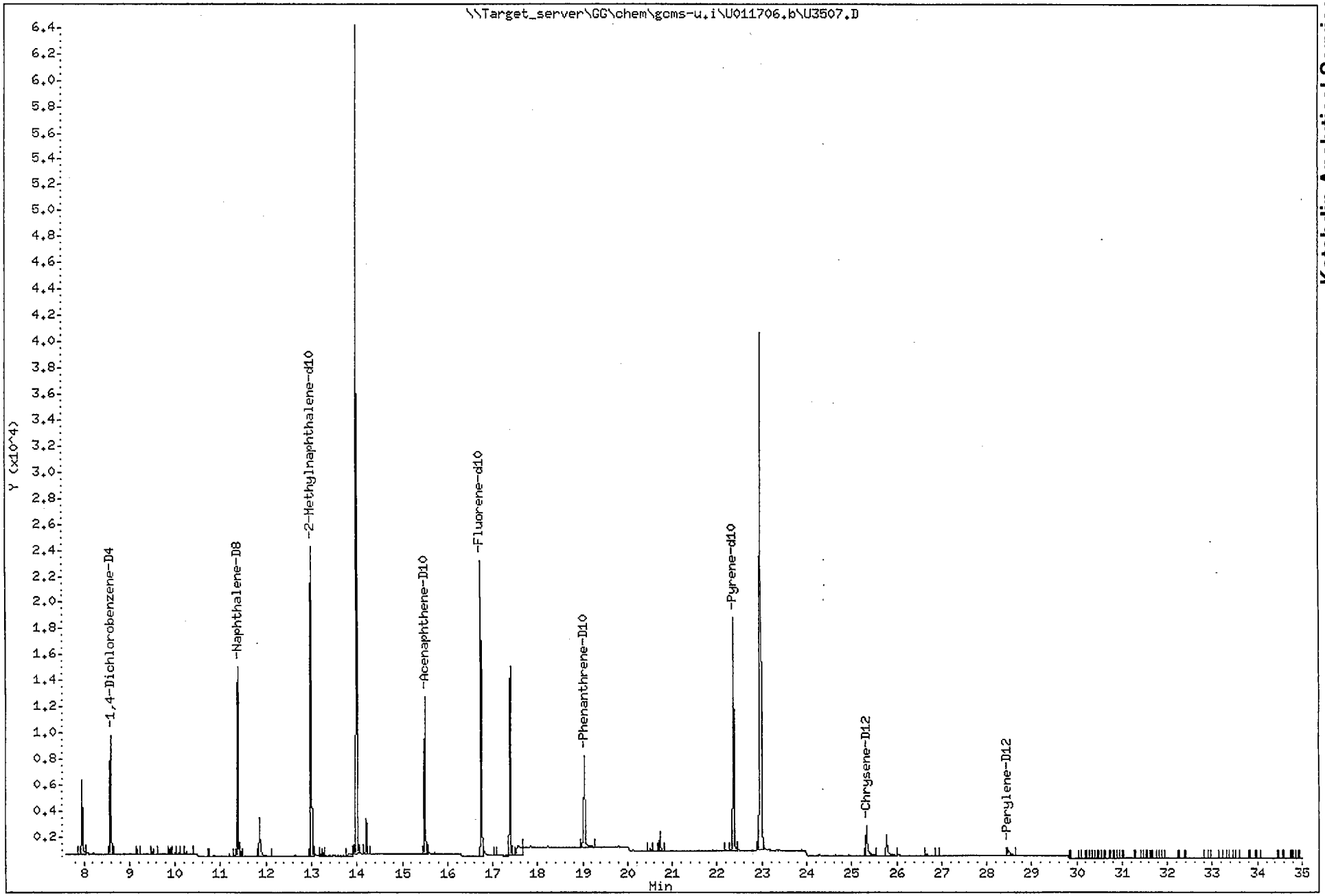
Data File: \\Target_server\GC\chem\gcms-u.i\U011806.b\U3514.D
Date : 18-JAN-2006 15:34
Client ID: 38GW1S01
Instrument: gcms-u.i
Sample Info: WV6788-9RA



Katahdin Analytical Services 7000067

Data File: \\Target_server\GG\chem\gcms-u.i\U011706.b\U3507.D
Date : 17-JAN-2006 19:53
Client ID: 38GW0501
Sample Info: WW6788-10

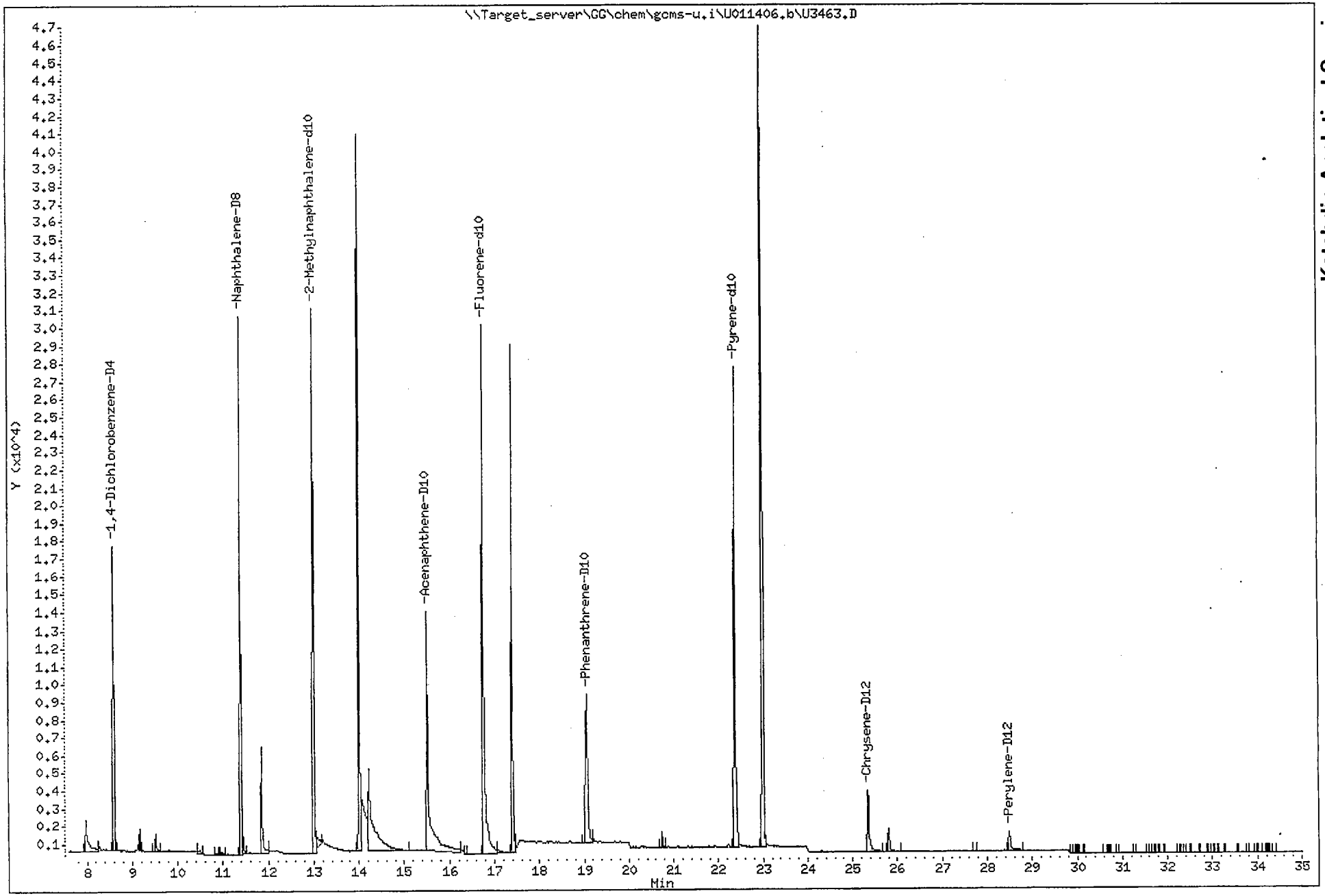
Instrument: gcms-u.i



Katahdin Analytical Services 7000071

Data File: \\Target_server\GC\chem\gcms-u.i\U011406.b\U3463.D
Date : 14-JAN-2006 15:56
Client ID: WG24214-Blank
Sample Info: WG24214-1

Instrument: gcms-u.i



Katahdin Analytical Services 7000162

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3457 Date Analyzed: 01/14/06

Instrument ID: GCMS-U Time Analyzed: 1123

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
12 HOUR STD		9579		8.60		31401		11.40		20961		15.52	
UPPER LIMIT		19158		9.10		62802		11.90		41922		16.02	
LOWER LIMIT		4790		8.10		15701		10.90		10481		15.02	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	WG24214-BLANK	WG24214-1		10248		8.60		37278		11.40		18371		15.52	
02	WG24214-LCS	WG24214-2		10357		8.60		37148		11.40		23887		15.52	
03	WG24214-LCSD	WG24214-3		11139		8.61		38870		11.40		25459		15.52	
04	46GW1901	WV6788-1		10831		8.60		42217		11.41		23892		15.52	
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3457 Date Analyzed: 01/14/06

Instrument ID: GCMS-U Time Analyzed: 1123

		IS4(PHN) AREA #	IS4(PHN) RT #	IS5(CRY) AREA #	IS5(CRY) RT #	IS6(PRY) AREA #	IS6(PRY) RT #
12 HOUR STD		19364	19.07	5595	25.35	1981	28.50
UPPER LIMIT		38728	19.57	11190	25.85	3962	29.00
LOWER LIMIT		9682	18.57	2798	24.85	991	28.00
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG24214-BLANK	WG24214-1	23180	19.07	7084	25.35	2639	28.50
02	WG24214-LCS	WG24214-2	23031	19.07	7607	25.35	2323	28.50
03	WG24214-LCSD	WG24214-3	24280	19.04	9066	25.35	3276	28.50
04	46GW1901	WV6788-1	25685	19.07	9876	25.35	3946	28.50
05								
06								
07								
08								
09								
10								
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12								
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14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: UD174 DFTPP Injection Date: 01/16/06

Instrument ID: GCMS-U DFTPP Injection Time: 0933

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.6 (1.6)1
69	Less than 100.0% of mass 198	37.7
70	Less than 2.0% of mass 69	0.1 (0.3)1
127	40.0 - 60.0% of mass 198	49.3
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 30.0% of mass 198	21.7
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	11.4 (85.8)2
442	40.0 - 100.0% of mass 198	71.2
443	17.0 - 23.0% of mass 442	13.3 (18.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD3.00U0116	U3475	01/16/06	1123
02		SSTD2.00U0116	U3476	01/16/06	1209
03		SSTD0.20U0116	U3478	01/16/06	1341
04		SSTD5.00U0116	U3479	01/16/06	1427
05		SSTD0.50U0116	U3480	01/16/06	1511
06		SSTD1.00U0116	U3481	01/16/06	1557
07	46GW2001	WV6788-2	U3487	01/16/06	2030
08	46GW2001D	WV6788-3	U3488	01/16/06	2114
09					
10					
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12					
13					
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15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-U Calibration Date(s): 01/16/06 01/16/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1123 1557

LAB FILE ID: RF0.2: U3478 RF0.5: U3480 RF1: U3481
RF2: U3476 RF3: U3475 RF5: U3479

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	A0	A1	A2	OR R^2	OR R^2
Naphthalene	0.906	0.912	0.699	0.705	0.906	0.803	AVRG		0.82205238		12.354	15.000
2-Methylnaphthalene	0.455	0.512	0.389	0.399	0.502	0.504	AVRG		0.46024454		11.969	15.000
Acenaphthylene	1.329	1.288	1.231	1.463	1.504	1.528	AVRG		1.39064293		8.908	15.000
Acenaphthene	1.070	0.985	0.919	1.009	0.963	0.981	AVRG		0.98794394		5.063	15.000
Fluorene	0.903	1.009	1.159	1.303	1.296	1.051	AVRG		1.11996087		14.400	15.000
Phenanthrene	1.005	1.056	0.944	1.053	1.101	1.109	AVRG		1.04462103		5.955	15.000
Anthracene	2412	6141	12017	28589	55173	88562	LINR	0.13876300	1.28279199		0.99466	0.99000
Fluoranthene	0.562	0.617	0.566	0.702	0.760	0.779	AVRG		0.66431043		14.466	15.000
Pyrene	1.565	1.750	1.373	1.558	1.522	1.372	AVRG		1.52346982		9.270	15.000
Benzo(a)anthracene	850	2044	4843	12313	26773	48995	LINR	0.16363620	1.49833008		0.99555	0.99000
Chrysene	0.920	1.069	0.823	0.916	0.875	0.844	AVRG		0.90781383		9.655	15.000
Benzo(b)fluoranthene	382	1009	2030	6531	14341	26807	2ORDR	0.13328685	1.22167770	-4.09e-002	0.99386	0.99000
Benzo(k)fluoranthene	1.320	1.595	1.540	1.667	1.687	1.879	AVRG		1.61452615		11.439	15.000
Benzo(a)pyrene	0.744	0.868	0.885	0.978	1.014	1.078	AVRG		0.92798660		12.879	15.000
Indeno(1,2,3-cd)pyrene	226	254	1199	1987	4180	7817	LINR	9.536e-002	3.42929702		0.99287	0.99000
Dibenzo(a,h)anthracene	180	326	1365	2842	5823	12247	2ORDR	4.409e-002	3.05496007	-0.3128670	0.99933	0.99000
Benzo(g,h,i)perylene	274	725	2434	6420	11825	22253	LINR	0.17648163	1.18118484		0.99693	0.99000
2-Methylnaphthalene-d10	0.323	0.344	0.266	0.272	0.347	0.340	AVRG		0.31529506		11.691	15.000
Fluorene-d10	0.950	1.035	1.164	1.204	1.234	1.105	AVRG		1.11523752		9.687	15.000
Pyrene-d10	1.546	1.706	1.331	1.491	1.496	1.381	AVRG		1.49174894		8.847	15.000

Average %RSD test result.

Calculate Average %RSD: 9.861155510
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3481 Date Analyzed: 01/16/06

Instrument ID: GCMS-U Time Analyzed: 1557

		IS1(DCB) AREA #	IS1(DCB) RT #	IS2(NPT) AREA #	IS2(NPT) RT #	IS3(ANT) AREA #	IS3(ANT) RT #
12 HOUR STD		7229	8.59	33432	11.39	12128	15.51
UPPER LIMIT		14458	9.09	66864	11.89	24256	16.01
LOWER LIMIT		3615	8.09	16716	10.89	6064	15.01
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	46GW2001	WV6788-2	7319	8.59	26445	11.39	11695	15.51
02	46GW2001D	WV6788-3	7851	8.59	30268	11.39	14464	15.51
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20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3481 Date Analyzed: 01/16/06

Instrument ID: GCMS-U Time Analyzed: 1557

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		18361	19.04	8815	25.35	3135	28.49
UPPER LIMIT		36722	19.54	17630	25.85	6270	28.99
LOWER LIMIT		9181	18.54	4408	24.85	1568	27.99
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	46GW2001	WV6788-2	17321	19.04	8688	25.35	3011	28.49
02	46GW2001D	WV6788-3	22187	19.04	11676	25.35	4471	28.49
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: UD175 DFTPP Injection Date: 01/17/06

Instrument ID: GCMS-U DFTPP Injection Time: 0943

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	36.0
68	Less than 2.0% of mass 69	0.3 (0.7)1
69	Less than 100.0% of mass 198	43.0
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	56.3
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	20.8
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	9.6 (76.6)2
442	40.0 - 100.0% of mass 198	63.8
443	17.0 - 23.0% of mass 442	12.6 (19.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0117	U3494	01/17/06	1004
02	46GW1901	WV6788-1DL	U3500	01/17/06	1436
03	46GW1701	WV6788-4	U3501	01/17/06	1522
04	46GW1701D	WV6788-5	U3502	01/17/06	1607
05	46GW1801	WV6788-6	U3503	01/17/06	1653
06	38GW3S01	WV6788-7	U3504	01/17/06	1738
07	38GW1I01	WV6788-8	U3505	01/17/06	1822
08	38GW1S01	WV6788-9	U3506	01/17/06	1908
09	38GW0501	WV6788-10	U3507	01/17/06	1953
10	38GW1301	WV6788-11	U3508	01/17/06	2039
11	38GW3I01	WV6788-12	U3509	01/17/06	2124
12					
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-U Calibration Date: 01/17/06 Time: 1004

Lab File ID: U3494 Init. Calib. Date(s): 01/16/06 01/16/06

Init. Calib. Times: 1123 1557

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8220000	0.6771900	0.6771900	0.01	-17.62	100.00	AVRG
2-Methylnaphthalene	0.4600000	0.3897300	0.3897300	0.01	-15.28	100.00	AVRG
Acenaphthylene	1.3900000	1.2936000	1.2936000	0.01	-6.94	100.00	AVRG
Acenaphthene	0.9880000	0.8891600	0.8891600	0.01	-10.00	20.00	AVRG
Fluorene	1.1200000	1.2237000	1.2237000	0.01	9.26	100.00	AVRG
Phenanthrene	1.0450000	0.7954600	0.7954600	0.01	-23.88	100.00	AVRG
Anthracene	1.1717000	1.0000000	0.8268700	0.01	17.17	100.00	LINR
Fluoranthene	0.6640000	0.6724000	0.6724000	0.01	1.26	20.00	AVRG
Pyrene	1.5230000	1.3352000	1.3352000	0.01	-12.33	100.00	AVRG
Benzo(a)anthracene	0.9731400	1.0000000	0.5621100	0.01	-2.69	100.00	LINR
Chrysene	0.9080000	0.9338700	0.9338700	0.01	2.85	100.00	AVRG
Benzo(b)fluoranthene	0.9269000	1.0000000	0.6914600	0.01	-7.31	100.00	2RDR
Benzo(k)fluoranthene	1.6150000	1.7336000	1.7336000	0.01	7.34	100.00	AVRG
Benzo(a)pyrene	0.9280000	1.0217000	1.0217000	0.01	10.10	20.00	AVRG
Indeno(1,2,3-cd)pyrene	1.2442000	1.0000000	0.3405500	0.01	24.42	100.00	LINR
Dibenzo(a,h)anthracene	1.0155000	1.0000000	0.3352600	0.01	1.55	100.00	2RDR
Benzo(g,h,i)perylene	0.9064700	1.0000000	0.6478900	0.01	-9.35	100.00	LINR
2-Methylnaphthalene-d10	0.3150000	0.2692100	0.2692100	0.01	-14.54	100.00	AVRG
Fluorene-d10	1.1150000	1.1806000	1.1806000	0.01	5.88	100.00	AVRG
Pyrene-d10	1.4920000	1.2058000	1.2058000	0.01	-19.18	100.00	AVRG

FORM VII PEST

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3494 Date Analyzed: 01/17/06

Instrument ID: GCMS-U Time Analyzed: 1004

		IS1(DCB) AREA	#	RT	#	IS2(NPT) AREA	#	RT	#	IS3(ANT) AREA	#	RT	#
12 HOUR STD		5389		8.59		24852		11.39		9080		15.51	
UPPER LIMIT		10778		9.09		49704		11.89		18160		16.01	
LOWER LIMIT		2695		8.09		12426		10.89		4540		15.01	
	CLIENT SAMPLE ID	LAB SAMPLE ID											
01	46GW1901	WV6788-1DL		5587		8.59		19732		11.39		8174		15.51	
02	46GW1701	WV6788-4		5509		8.59		23206		11.39		10157		15.51	
03	46GW1701D	WV6788-5		5656		8.59		21836		11.39		10368		15.51	
04	46GW1801	WV6788-6		5913		8.59		22149		11.39		9704		15.51	
05	38GW3S01	WV6788-7		5993		8.59		23243		11.39		10870		15.51	
06	38GW1I01	WV6788-8		5261		8.59		20664		11.39		9682		15.51	
07	38GW1S01	WV6788-9		5790		8.59		19826		11.39		1138*		15.51	
08	38GW0501	WV6788-10		4390		8.59		23479		11.39		8141		15.51	
09	38GW1301	WV6788-11		5490		8.59		20986		11.39		8915		15.51	
10	38GW3I01	WV6788-12		5719		8.59		28105		11.39		10669		15.51	
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3494 Date Analyzed: 01/17/06

Instrument ID: GCMS-U Time Analyzed: 1004

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		11818	19.04	7506	25.33	3324	28.48
UPPER LIMIT		23636	19.54	15012	25.83	6648	28.98
LOWER LIMIT		5909	18.54	3753	24.83	1662	27.98
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	46GW1901	WV6788-1DL	11449	19.04	4943	25.34	1815	28.47
02	46GW1701	WV6788-4	14903	19.04	8296	25.34	3437	28.48
03	46GW1701D	WV6788-5	14882	19.04	8200	25.34	2934	28.48
04	46GW1801	WV6788-6	13870	19.04	7932	25.33	3508	28.47
05	38GW3S01	WV6788-7	17342	19.04	10030	25.33	4993	28.48
06	38GW1I01	WV6788-8	13735	19.04	8806	25.34	4048	28.48
07	38GW1S01	WV6788-9	6234	19.04				
08	38GW0501	WV6788-10	10993	19.04	5820	25.34	2406	28.48
09	38GW1301	WV6788-11	12669	19.04	7139	25.34	3086	28.48
10	38GW3I01	WV6788-12	14384	19.04	9094	25.33	4474	28.48
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

Data File: \\Target_server\GG\chem\gcms-u.i\U011406.b\U3457.D
Report Date: 19-Jan-2006 11:35

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-u.i\U011406.b\U3457.D
Lab Smp Id: SSTD1.00U0114
Inj Date : 14-JAN-2006 11:23 MS Autotune Date: 12-SEP-2005 11:35
Operator : JCG Inst ID: gcms-u.i
Smp Info : SSTD1.00U0114
Misc Info : SW846 M8270C
Comment :
Method : \\Target_server\GG\chem\gcms-u.i\U011406.b\usim035.m
Meth Date : 15-Jan-2006 13:47 cgomez Quant Type: ISTD
Cal Date : 13-JAN-2006 19:31 Cal File: U3443.D
Als bottle: 2 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.12

Concentration Formula: Amt * DF * Vt/Vo * 1000 * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.000	Volume of sample extracted (L)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
*	1 1,4-Dichlorobenzene-D4	152	8.603	8.590	(1.000)	9579	0.80000	
$	2 Pentafluorophenol	184	7.972	7.959	(0.927)	2978	1.00000	0.831(a)
	3 Hexachloroethane	117	9.649	9.652	(1.122)	4763	1.00000	1.01
*	4 Naphthalene-D8	136	11.396	11.395	(1.000)	31401	0.80000	(M)
	5 Naphthalene	128	11.435	11.434	(1.003)	35071	1.00000	1.08
$	6 2-Methylnaphthalene-d10	150	13.006	13.007	(1.141)	9658	1.00000	0.925
	7 2-Methylnaphthalene	142	13.075	13.075	(1.147)	14745	1.00000	1.03(M)
	8 1-Methylnaphthalene	142	13.295	13.295	(1.167)	12598	1.00000	0.676(M)
	9 2-Chloronaphthalene	162	14.213	14.212	(0.916)	23353	1.00000	1.09
	10 Acenaphthylene	152	15.167	15.166	(0.977)	24566	1.00000	0.948
*	11 Acenaphthene-D10	164	15.521	15.520	(1.000)	20961	0.80000	
	12 Acenaphthene	153	15.583	15.582	(1.004)	24842	1.00000	1.10
$	13 Fluorene-d10	176	16.769	16.768	(1.080)	26594	1.00000	1.06
	14 Fluorene	166	16.827	16.826	(1.084)	28097	1.00000	1.10
	16 Hexachlorobenzene	284	18.128	18.128	(1.168)	70135	2.00000	2.13
*	18 Phenanthrene-D10	188	19.068	19.042	(1.000)	19364	0.80000	
	19 Phenanthrene	178	19.095	19.095	(1.001)	27131	1.00000	1.00
	20 Anthracene	178	19.229	19.230	(1.008)	28729	1.00000	1.04
	21 Carbazole	167	19.686	19.686	(1.032)	20214	1.00000	0.990
	22 Di-n-butylphthalate	149	20.739	20.738	(1.088)	22501	1.00000	0.955(a)
	23 Fluoranthene	202	21.911	21.910	(1.149)	16400	1.00000	0.957
$	24 Pyrene-d10	212	22.392	22.391	(0.883)	14820	1.00000	1.16
	25 Pyrene	202	22.430	22.429	(0.885)	17254	1.00000	1.12

Data File: \\Target_server\GG\chem\gcms-u.i\U011406.b\U3457.D
Report Date: 19-Jan-2006 11:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/ml)	AMOUNTS ON-COL (ug/ml)
	26 Benzo(a)anthracene	228	25.327	25.328	(0.999)	4391	1.00000	0.993
*	27 Chrysene-D12	240	25.350	25.351	(1.000)	5595	0.80000	
	28 Chrysene	228	25.408	25.409	(1.002)	7089	1.00000	1.03
	29 Bis(2-ethylhexyl)phthalate	149	25.813	25.814	(1.018)	145328	2.00000	2.20
	30 Benzo(b)fluoranthene	252	27.726	27.727	(0.973)	2232	1.00000	0.955
	31 Benzo(k)fluoranthene	252	27.784	27.785	(0.975)	4424	1.00000	0.991
	32 Benzo(a)pyrene	252	28.374	28.375	(0.996)	2733	1.00000	0.937
*	33 Perylene-D12	264	28.501	28.502	(1.000)	1981	0.80000	
	34 Indeno(1,2,3-cd)pyrene	276	30.463	30.464	(1.069)	803	1.00000	0.895
	35 Dibenzo(a,h)anthracene	278	30.533	30.534	(1.071)	907	1.00000	0.787(M)
	36 Benzo(g,h,i)perylene	276	30.889	30.898	(1.084)	1688	1.00000	0.791
M	37 Total PAHs	100				167802	1.00000	10.0

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID: UD176 DFTPP Injection Date: 01/18/06

Instrument ID: GCMS-U DFTPP Injection Time: 1210

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	33.7
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Less than 100.0% of mass 198	42.1
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	52.6
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	10.5 (84.0)2
442	40.0 - 100.0% of mass 198	65.9
443	17.0 - 23.0% of mass 442	12.6 (19.1)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00U0118	U3510	01/18/06	1230
02	38GW1S01	WV6788-9RA	U3514	01/18/06	1534
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-U Calibration Date: 01/18/06 Time: 1230

Lab File ID: U3510 Init. Calib. Date(s): 01/16/06 01/16/06

Init. Calib. Times: 1123 1557

GC Column: ZB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.8220000	0.8104900	0.8104900	0.01	-1.40	100.00	AVRG	
2-Methylnaphthalene	0.4600000	0.5139600	0.5139600	0.01	11.73	100.00	AVRG	
Acenaphthylene	1.3900000	1.2562000	1.2562000	0.01	-9.62	100.00	AVRG	
Acenaphthene	0.9880000	0.8987400	0.8987400	0.01	-9.03	20.00	AVRG	
Fluorene	1.1200000	0.9287800	0.9287800	0.01	-17.07	100.00	AVRG	
Phenanthrene	1.0450000	1.0046000	1.0046000	0.01	-3.87	100.00	AVRG	
Anthracene	1.1288000	1.0000000	0.7934100	0.01	12.88	100.00	LINR	
Fluoranthene	0.6640000	0.7296500	0.7296500	0.01	9.89	20.00	AVRG	
Pyrene	1.5230000	1.1783000	1.1783000	0.01	-22.63	100.00	AVRG	
Benzo(a)anthracene	1.2596000	1.0000000	0.7533200	0.01	25.96	100.00	LINR	
Chrysene	0.9080000	0.8245000	0.8245000	0.01	-9.20	100.00	AVRG	
Benzo(b)fluoranthene	1.5502000	1.0000000	1.2468000	0.01	55.02	100.00	2RDR	
Benzo(k)fluoranthene	1.6150000	1.8387000	1.8387000	0.01	13.85	100.00	AVRG	
Benzo(a)pyrene	0.9280000	1.1733000	1.1733000	0.01	26.43	20.00	AVRG	<-
Indeno(1,2,3-cd)pyrene	1.5093000	1.0000000	0.4178800	0.01	50.93	100.00	LINR	
Dibenzo(a,h)anthracene	1.3778000	1.0000000	0.4674100	0.01	37.78	100.00	2RDR	
Benzo(g,h,i)perylene	1.0213000	1.0000000	0.7451400	0.01	2.13	100.00	LINR	
2-Methylnaphthalene-d10	0.3150000	0.3456700	0.3456700	0.01	9.74	100.00	AVRG	
Fluorene-d10	1.1150000	0.9810100	0.9810100	0.01	-12.02	100.00	AVRG	
Pyrene-d10	1.4920000	1.1507000	1.1507000	0.01	-22.88	100.00	AVRG	

FORM VII PEST

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3510 Date Analyzed: 01/18/06

Instrument ID: GCMS-U Time Analyzed: 1230

	IS1 (DCB) AREA #	IS1 (DCB) RT #	IS2 (NPT) AREA #	IS2 (NPT) RT #	IS3 (ANT) AREA #	IS3 (ANT) RT #
12 HOUR STD	6657	8.57	27756	11.37	13984	15.49
UPPER LIMIT	13314	9.07	55512	11.87	27968	15.99
LOWER LIMIT	3329	8.07	13878	10.87	6992	14.99
	CLIENT SAMPLE ID	LAB SAMPLE ID				
01	38GW1S01	WV6788-9RA	6456	8.57	23574	11.37	1078*	15.49
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Lab File ID (Standard): U3510 Date Analyzed: 01/18/06

Instrument ID: GCMS-U Time Analyzed: 1230

	IS4(PHN) AREA #	IS4(PHN) RT #	IS5(CRY) AREA #	IS5(CRY) RT #	IS6(PRY) AREA #	IS6(PRY) RT #
12 HOUR STD	17593	19.01	11687	25.32	4652	28.46
UPPER LIMIT	35186	19.51	23374	25.82	9304	28.96
LOWER LIMIT	8797	18.51	5844	24.82	2326	27.96

	CLIENT SAMPLE ID	LAB SAMPLE ID	IS4(PHN) AREA #	IS4(PHN) RT #	IS5(CRY) AREA #	IS5(CRY) RT #	IS6(PRY) AREA #	IS6(PRY) RT #
01	38GW1S01	WV6788-9RA	6241*	19.02				
02								
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT NAS Pensacola CTO-367		JOB NUMBER Job-0007 SDG- CTO367-6	
SUBJECT Sample Calculation			
BASED ON		DRAWING NUMBER	
BY Bernard F Spadaro	CHECKED BY	APPROVED BY	DATE 2/17/06

Sample 46GW1901 Naphthalene = 240 ug/L

$$\text{Naphthalene} = \frac{(51830)(0.8\ \text{ug/mL})(1\ \text{mL})}{(19732)(0.8290)(1.06\ \text{L})} = 239\ \text{ug/L}$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 17-JAN-2006 14:36
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1DL
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG24214
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		240	100	0.2	19	5
91-57-6	2-Methylnaphthalene	I	7	100	0.2	19	6
208-96-8	Acenaphthylene	U	4	100	0.2	19	4
83-32-9	Acenaphthene	U	8	100	0.2	19	8
86-73-7	Fluorene	U	6	100	0.2	19	6
85-01-8	Phenanthrene	U	8	100	0.2	19	8
120-12-7	Anthracene	U	7	100	0.2	19	7
206-44-0	Fluoranthene	U	7	100	0.2	19	7
129-00-0	Pyrene	U	8	100	0.2	19	8
56-55-3	Benzo(a)anthracene	U	8	100	0.2	19	8
218-01-9	Chrysene	U	5	100	0.2	19	5
205-99-2	Benzo(b)fluoranthene	U	8	100	0.2	19	8
207-08-9	Benzo(k)fluoranthene	U	9	100	0.2	19	9
50-32-8	Benzo(a)pyrene	U	8	100	0.2	19	8
193-39-5	Indeno(1,2,3-cd)pyrene	U	7	100	0.2	19	7
53-70-3	Dibenzo(a,h)anthracene	U	12	100	0.2	19	12
191-24-2	Benzo(g,h,i)perylene	U	14	100	0.2	19	14
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

Data File: \\Target_server\GG\chem\gcms-u.i\U011706.b\U3500.D
Report Date: 19-Jan-2006 11:36

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gcms-u.i\U011706.b\U3500.D
Lab Smp Id: WV6788-1DL Client Smp ID: 46GW1901
Inj Date : 17-JAN-2006 14:36 MS Autotune Date: 16-JAN-2006 08:09
Operator : JCG Inst ID: gcms-u.i
Smp Info : WV6788-1DL
Misc Info : SW846 M8270C
Comment :
Method : \\Target_server\GG\chem\gcms-u.i\U011706.b\usim036.m
Meth Date : 17-Jan-2006 11:08 cgomez Quant Type: ISTD
Cal Date : 16-JAN-2006 15:57 Cal File: U3481.D
Als bottle: 8
Dil Factor: 100.00000
Integrator: HP RTE Compound Sublist: sw8270sim.sub
Target Version: 4.12
Processing Host: TARGET06

Concentration Formula: Amt * DF * Vt/Vo * 1000 * CpndVariable

Name	Value	Description
DF	100.000	Dilution Factor
Vt	0.00100	Volume of final extract (L)
Vo	1.060	Volume of sample extracted (L)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	FINAL (ug/L)
* 1 1,4-Dichlorobenzene-D4	152	8.588	8.588	(1.000)	5587	0.80000	
* 4 Naphthalene-D8	136	11.387	11.385	(1.000)	19732	0.80000	
5 Naphthalene	128	11.425	11.424	(1.003)	51830	2.55623	241
7 2-Methylnaphthalene	142	13.063	13.064	(1.147)	889	0.07831	7.39(aM)
* 11 Acenaphthene-D10	164	15.506	15.505	(1.000)	8174	0.80000	(Q)
* 18 Phenanthrene-D10	188	19.041	19.042	(1.000)	11449	0.80000	
* 27 Chrysene-D12	240	25.339	25.328	(1.000)	4943	0.80000	
* 33 Perylene-D12	264	28.468	28.479	(1.000)	1815	0.80000	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GCMS-U Calibration Date(s): 01/14/06 01/14/06

Column: ZB5-MS ID: 0.25 (mm) Calibration Time(s): 1123 1511

LAB FILE ID: RF0.2: U3462 RF0.5: U3461 RF1: U3457
RF2: U3460 RF3: U3459 RF5: U3458

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	RF5	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	0.825	0.929	0.894	0.850	0.781	0.695	AVRG		0.82898100		10.093	15.000
2-Methylnaphthalene	0.388	0.315	0.376	0.415	0.379	0.324	AVRG		0.36610638		10.610	15.000
Acenaphthylene	0.880	0.831	0.938	1.016	1.143	1.128	AVRG		0.98951976		13.042	15.000
Acenaphthene	0.661	1.009	0.948	0.871	0.885	0.809	AVRG		0.86380063		13.983	15.000
Fluorene	0.764	0.901	1.072	1.047	1.062	1.006	AVRG		0.97543793		12.377	15.000
Phenanthrene	1.165	1.015	1.121	1.104	1.193	1.109	AVRG		1.11783805		5.464	15.000
Anthracene	1.003	1.052	1.187	1.129	1.235	1.226	AVRG		1.13861907		8.353	15.000
Fluoranthene	0.641	0.622	0.678	0.720	0.812	0.778	AVRG		0.70827587		10.678	15.000
Pyrene	2.115	2.274	2.467	2.167	2.284	1.892	AVRG		2.19986986		8.787	15.000
Benzo(a)anthracene	0.569	0.544	0.628	0.655	0.708	0.690	AVRG		0.63218780		10.327	15.000
Chrysene	0.967	0.960	1.014	1.031	1.012	0.918	AVRG		0.98371235		4.341	15.000
Benzo(b)fluoranthene	1113	1199	2232	7426	12306	25934	2ORDR	1.249e-002	1.08835407	-3.52e-002	0.99632	0.99000
Benzo(k)fluoranthene	1.538	1.548	1.787	1.904	2.161	1.880	AVRG		1.80289888		13.125	15.000
Benzo(a)pyrene	1.284	1.086	1.104	1.126	1.269	1.200	AVRG		1.17797238		7.274	15.000
Indeno(1,2,3-cd)pyrene	0.367	0.295	0.324	0.381	0.411	0.395	AVRG		0.36222035		12.212	15.000
Dibenzo(a,h)anthracene	231	642	907	4051	6238	11465	LINR	0.15497239	1.81053718		0.99483	0.99000
Benzo(g,h,i)perylene	397	1124	1688	6850	10129	16431	2ORDR	0.16806979	0.90123113	7.197e-002	0.99180	0.99000
2-Methylnaphthalene-d10	0.229	0.186	0.246	0.240	0.217	0.214	AVRG		0.22221476		9.793	15.000
Fluorene-d10	0.799	0.976	1.015	0.982	1.034	0.931	AVRG		0.95622771		8.863	15.000
Pyrene-d10	1.741	1.795	2.119	1.817	1.872	1.636	AVRG		1.82981359		8.893	15.000

Average %RSD test result.

Calculate Average %RSD: 9.923386574
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.65 TCX: 2.56

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	13.69	2.57
03		INDAB 0.005P	01/04/06	1817	13.67	2.56
04		INDAB 0.01PP	01/04/06	1845	13.67	2.56
05		INDAB 0.025P	01/04/06	1912	13.67	2.56
06		INDAB 0.1PPM	01/04/06	1940	13.67	2.56
07		INDAB 0.25PP	01/04/06	2007	13.65	2.56
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	13.65	2.56
12	WG24195-BLAN	WG24195-1	01/05/06	2004	13.65	2.56
13	WG24195-LCS	WG24195-2	01/05/06	2032	13.65	2.56
14	WG24195-LCSD	WG24195-3	01/05/06	2059	13.65	2.56
15		INDAB 0.025P	01/06/06	0519	13.65	2.56
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.20 TCX: 3.33

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/04/06	1637		
02		INDAB 0.05PP	01/04/06	1750	19.21	3.33
03		INDAB 0.005P	01/04/06	1817	19.20	3.33
04		INDAB 0.01PP	01/04/06	1845	19.20	3.33
05		INDAB 0.025P	01/04/06	1912	19.20	3.33
06		INDAB 0.1PPM	01/04/06	1940	19.20	3.33
07		INDAB 0.25PP	01/04/06	2007	19.20	3.33
08		INDAB IND 0.	01/04/06	2035		
09		TOX 1.0PPM	01/04/06	2102		
10		EVAL	01/05/06	1743		
11		INDAB 0.05PP	01/05/06	1840	19.20	3.33
12	WG24195-BLAN	WG24195-1	01/05/06	2004	19.19	3.33
13	WG24195-LCS	WG24195-2	01/05/06	2032	19.19	3.33
14	WG24195-LCSD	WG24195-3	01/05/06	2059	19.19	3.33
15		INDAB 0.025P	01/06/06	0519	19.19	3.33
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.61 TCX: 2.55

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/16/06	1216		
02		INDAB 0.05PP	01/16/06	1607	13.61	2.55
03		INDAB 0.005P	01/16/06	1635	13.61	2.55
04		INDAB 0.01PP	01/16/06	1702	13.61	2.55
05		INDAB 0.025P	01/16/06	1730	13.61	2.55
06		INDAB 0.1PPM	01/16/06	1757	13.61	2.55
07		INDAB 0.25PP	01/16/06	1825	13.61	2.55
08		INDAB 0.05PP	01/16/06	1852		
09		TOXAPHENE 1.	01/16/06	1920		
10	46GW1901	WV6788-1	01/16/06	2205	13.61	2.55
11	46GW2001	WV6788-2	01/16/06	2232	13.61	2.55
12	46GW2001D	WV6788-3	01/16/06	2300	13.60	2.55
13	46GW1701	WV6788-4	01/16/06	2327	13.60	2.55
14	46GW1701D	WV6788-5	01/16/06	2355	13.61	2.55
15	46GW1801	WV6788-6	01/17/06	0022	13.60	2.55
16	38GW3S01	WV6788-7	01/17/06	0050	13.60	2.55
17	38GW1I01	WV6788-8	01/17/06	0117	13.60	2.55
18	38GW1S01	WV6788-9	01/17/06	0145	13.60	2.55
19	38GW0501	WV6788-10	01/17/06	0212	13.60	2.55
20	38GW1301	WV6788-11	01/17/06	0240	13.60	2.55

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 13.61 TCX: 2.55

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	38GW3I01	WV6788-12	01/17/06	0307	13.61	2.55
02		INDAB 0.05PP	01/17/06	0525	13.60	2.55
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.16 TCX: 3.32

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/16/06	1216		
02		INDAB 0.05PP	01/16/06	1607	19.16	3.32
03		INDAB 0.005P	01/16/06	1635	19.16	3.32
04		INDAB 0.01PP	01/16/06	1702	19.16	3.32
05		INDAB 0.025P	01/16/06	1730	19.16	3.32
06		INDAB 0.1PPM	01/16/06	1757	19.16	3.32
07		INDAB 0.25PP	01/16/06	1825	19.16	3.32
08		INDAB 0.05PP	01/16/06	1852		
09		TOXAPHENE 1.	01/16/06	1920		
10	46GW1901	WV6788-1	01/16/06	2205	19.15	3.32
11	46GW2001	WV6788-2	01/16/06	2232	19.16	3.32
12	46GW2001D	WV6788-3	01/16/06	2300	19.15	3.32
13	46GW1701	WV6788-4	01/16/06	2327	19.15	3.32
14	46GW1701D	WV6788-5	01/16/06	2355	19.16	3.32
15	46GW1801	WV6788-6	01/17/06	0022	19.15	3.32
16	38GW3S01	WV6788-7	01/17/06	0050	19.15	3.31
17	38GW1I01	WV6788-8	01/17/06	0117	19.15	3.32
18	38GW1S01	WV6788-9	01/17/06	0145	19.15	3.32
19	38GW0501	WV6788-10	01/17/06	0212	19.15	3.32
20	38GW1301	WV6788-11	01/17/06	0240	19.15	3.31

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 19.16 TCX: 3.32

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	38GW3I01	WV6788-12	01/17/06	0307	19.15	3.31
02		INDAB 0.05PP	01/17/06	0525	19.15	3.32
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 14.24 TCX: 2.65

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/18/06	1632		
02		INDAB 0.05PP	01/18/06	1700	14.25	2.65
03		INDAB 0.005P	01/18/06	1727	14.25	2.65
04		INDAB 0.01PP	01/18/06	1755	14.25	2.65
05		INDAB 0.025P	01/18/06	1822	14.25	2.65
06		INDAB 0.1PPM	01/18/06	1850	14.25	2.65
07		INDAB 0.25PP	01/18/06	1917	14.25	2.65
08		INDAB 0.05PP	01/18/06	1945		
09		TOXAPHENE 1.	01/18/06	2012		
10	WG24736-BLAN	WG24736-1	01/19/06	0740	14.24	2.65
11	WG24736-LCS	WG24736-2	01/19/06	0807	14.24	2.65
12	46GW1901	WV6788-1RE	01/19/06	1052	14.24	2.65
13	46GW2001	WV6788-2RE	01/19/06	1120	14.24	2.65
14	46GW2001D	WV6788-3RE	01/19/06	1147	14.24	2.65
15	46GW1801	WV6788-6RE	01/19/06	1215	14.24	2.65
16	38GW3I01	WV6788-12RE	01/19/06	1242	14.24	2.65
17		INDAB 0.05PP	01/19/06	1337	14.24	2.65
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 18.99 TCX: 3.25

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01		EVAL	01/18/06	1632		
02		INDAB 0.05PP	01/18/06	1700	19.00	3.25
03		INDAB 0.005P	01/18/06	1727	19.00	3.25
04		INDAB 0.01PP	01/18/06	1755	19.00	3.25
05		INDAB 0.025P	01/18/06	1822	19.00	3.25
06		INDAB 0.1PPM	01/18/06	1850	19.00	3.25
07		INDAB 0.25PP	01/18/06	1917	19.00	3.25
08		INDAB 0.05PP	01/18/06	1945		
09		TOXAPHENE 1.	01/18/06	2012		
10	WG24736-BLAN	WG24736-1	01/19/06	0740	18.99	3.24
11	WG24736-LCS	WG24736-2	01/19/06	0807	18.99	3.25
12	46GW1901	WV6788-1RE	01/19/06	1052	18.99	3.25
13	46GW2001	WV6788-2RE	01/19/06	1120	18.99	3.25
14	46GW2001D	WV6788-3RE	01/19/06	1147	18.99	3.25
15	46GW1801	WV6788-6RE	01/19/06	1215	18.99	3.25
16	38GW3I01	WV6788-12RE	01/19/06	1242	18.99	3.25
17		INDAB 0.05PP	01/19/06	1337	18.99	3.25
18						
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA1025 RF0.01: 8WA1026 RF0.025: 8WA1027
RF0.05: 8WA1024 RF0.1: 8WA1028 RF0.25: 8WA1029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	22228	43609	106520	198360	353540	744480	2ORDR	-4.48e-004	2.309e-007	1.42e-013	0.99994	0.99000
alpha-BHC	29785	59541	146500	286840	489990	974730	2ORDR	4.38e-004	1.461e-007	1.129e-013	0.99991	0.99000
gamma BHC	27377	53464	132440	254060	433680	928760	2ORDR	-6.39e-004	1.878e-007	8.872e-014	0.99968	0.99000
beta-BHC	14139	26333	62794	118040	204540	450470	2ORDR	-1.28e-003	4.195e-007	3.086e-013	0.99966	0.99000
delta-BHC	25068	49515	123130	259860	412230	871120	2ORDR	-7.64e-005	1.832e-007	1.198e-013	0.99895	0.99000
Heptachlor	28634	54102	126990	254970	409720	845710	2ORDR	-5.01e-004	1.806e-007	1.373e-013	0.99932	0.99000
Aldrin	23776	46708	115630	216100	388600	825670	2ORDR	-3.8e-004	2.135e-007	1.089e-013	0.99995	0.99000
Heptachlor Epoxide	23098	44284	105730	190900	346620	733060	2ORDR	-7.68e-004	2.404e-007	1.39e-013	0.99994	0.99000
gamma-Chlordane	21464	40946	98213	186410	327700	700530	2ORDR	-6.93e-004	2.533e-007	1.498e-013	0.99986	0.99000
alpha-Chlordane	22006	41787	99296	179380	325660	695420	2ORDR	-9.14e-004	2.595e-007	1.46e-013	0.99993	0.99000
4,4'-DDE	19742	39083	98208	189840	334420	710690	2ORDR	-1.73e-004	2.447e-007	1.513e-013	0.99989	0.99000
4,4'-DDT	14319	28507	72534	145080	256630	560630	2ORDR	-6.41e-005	3.306e-007	2.065e-013	0.99983	0.99000
Dieldrin	19012	37351	93069	181880	318470	688250	2ORDR	-3.49e-004	2.623e-007	1.479e-013	0.99982	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	18043	35093	87904	169620	299980	630470	2ORDR	-8.07e-005	2.693e-007	2.024e-013	0.99993	0.99000
4,4'-DDD	13256	26511	67396	140410	241630	539780	2ORDR	-1.21e-004	3.548e-007	2.021e-013	0.99956	0.99000
Endosulfan II	16755	32663	79485	150100	267950	577520	2ORDR	-5.94e-004	3.151e-007	2.063e-013	0.99990	0.99000
Endrin Aldehyde	13434	25164	61674	110070	209470	458740	2ORDR	-7.28e-004	4.244e-007	2.665e-013	0.99993	0.99000
Methoxychlor	7530	15128	36444	73102	122470	271200	2ORDR	-7.98e-004	6.874e-007	8.805e-013	0.99937	0.99000
Endosulfan sulfate	11936	23987	58837	117820	203380	458370	2ORDR	-6.74e-004	4.287e-007	2.593e-013	0.99957	0.99000
Endrin Ketone	13188	26539	65967	129890	224140	492680	2ORDR	-5.3e-004	3.775e-007	2.67e-013	0.99966	0.99000
Tetrachloro-m-Xylene	22732	42424	99257	194320	317880	684410	2ORDR	-1.17e-003	2.532e-007	1.672e-013	0.99927	0.99000
Decachlorobiphenyl	12701	23487	52993	90650	161710	345440	2ORDR	-1.91e-003	5.222e-007	6.017e-013	0.99972	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/05/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 0205

LAB FILE ID: RF0.005: 8WA2025 RF0.01: 8WA2026 RF0.025: 8WA2027
RF0.05: 8WA2024 RF0.1: 8WA2028 RF0.25: 8WA2029

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	15334	29837	77219	155080	283880	639850	2ORDR	6.285e-006	3.144e-007	1.196e-013	0.99991	0.99000
alpha-BHC	18107	38987	111430	238050	427390	949290	2ORDR	9.921e-004	2.008e-007	6.495e-014	0.99977	0.99000
gamma BHC	16760	34979	97750	209390	373210	830890	2ORDR	8.233e-004	2.303e-007	8.396e-014	0.99974	0.99000
beta-BHC	9796	19189	49374	97108	177360	400550	2ORDR	-2.21e-004	5.045e-007	3.011e-013	0.99990	0.99000
delta-BHC	16442	33551	96862	195140	380300	862200	2ORDR	1.019e-003	2.393e-007	5.731e-014	0.99996	0.99000
Heptachlor	21077	40921	105800	200330	382770	853990	2ORDR	-3.73e-005	2.354e-007	6.722e-014	0.99999	0.99000
Aldrin	16097	32173	87330	182580	334340	773120	2ORDR	3.817e-004	2.718e-007	6.624e-014	0.99984	0.99000
Heptachlor Epoxide	16398	32426	84321	167800	312030	698480	2ORDR	1.643e-004	2.857e-007	1.032e-013	0.99996	0.99000
gamma-Chlordane	15786	30938	81055	159700	301740	681550	2ORDR	1.647e-004	3.001e-007	9.76e-014	0.99998	0.99000
alpha-Chlordane	16485	31967	81491	155650	298610	674670	2ORDR	-9.49e-005	3.064e-007	9.54e-014	0.99999	0.99000
4,4'-DDE	15081	29491	76269	155380	285630	660870	2ORDR	-3.61e-005	3.208e-007	8.738e-014	0.99988	0.99000
4,4'-DDT	8527	17140	48439	103390	199320	474480	2ORDR	9.505e-004	4.739e-007	1.076e-013	0.99992	0.99000
Dieldrin	13151	26487	71420	142650	283720	661730	2ORDR	6.689e-004	3.331e-007	6.59e-014	0.99998	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	11396	23300	64987	128290	258220	599870	2ORDR	8.637e-004	3.653e-007	8.318e-014	0.99995	0.99000
4,4'-DDD	7788	16439	46008	94988	194300	466270	2ORDR	1.217e-003	4.981e-007	7.549e-014	0.99992	0.99000
Endosulfan II	10873	21774	58392	113060	221550	508240	2ORDR	3.636e-004	4.195e-007	1.409e-013	0.99999	0.99000
Endrin Aldehyde	9247	18053	44919	89341	165660	391080	2ORDR	-4.88e-004	5.674e-007	1.878e-013	0.99989	0.99000
Methoxychlor	4968	10128	24906	51930	94374	217260	2ORDR	-4.83e-005	9.631e-007	8.678e-013	0.99984	0.99000
Endosulfan sulfate	8931	17746	45840	94430	175300	409980	2ORDR	8.423e-005	5.291e-007	1.97e-013	0.99990	0.99000
Endrin Ketone	8488	17292	46261	97504	180930	419920	2ORDR	5.005e-004	5.066e-007	2.09e-013	0.99988	0.99000
Tetrachloro-m-Xylene	15963	30767	75773	153370	257720	564430	2ORDR	-5.58e-004	3.224e-007	2.164e-013	0.99946	0.99000
Decachlorobiphenyl	12854	25399	57905	106950	187600	405430	2ORDR	-1.27e-003	4.505e-007	4.192e-013	0.99978	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/16/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1750 1825

LAB FILE ID: RF0.005: 8WA3033 RF0.01: 8WA3034 RF0.025: 8WA3035
RF0.05: 8WA3032 RF0.1: 8WA3036 RF0.25: 8WA3037

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Endosulfan I	34479	65535	149740	286330	477730	962470	2ORDR	-5.1e-004	1.528e-007	1.119e-013	0.99979	0.99000
alpha-BHC	43102	84329	196590	372940	626190	965780	2ORDR	5.188e-003	1.714e-008	2.411e-013	0.99528	0.99000
gamma BHC	39975	77912	179200	341100	574510	965270	2ORDR	2.931e-003	6.416e-008	1.973e-013	0.99878	0.99000
beta-BHC	20183	38238	85155	162520	274160	584570	2ORDR	-1.32e-003	2.968e-007	2.288e-013	0.99961	0.99000
delta-BHC	25356	53399	130580	257350	468470	964820	2ORDR	5.63e-004	1.694e-007	9.236e-014	0.99998	0.99000
Heptachlor	42750	81070	180190	339520	568040	965460	2ORDR	2.41e-003	6.982e-008	1.922e-013	0.99913	0.99000
Aldrin	35409	67997	158990	307960	507020	961920	2ORDR	5.673e-004	1.226e-007	1.422e-013	0.99987	0.99000
Heptachlor Epoxide	32893	63499	140680	266820	454720	937900	2ORDR	-8.83e-004	1.708e-007	1.034e-013	0.99982	0.99000
gamma-Chlordane	32634	61601	139280	267720	447350	942660	2ORDR	-1.1e-003	1.773e-007	9.494e-014	0.99960	0.99000
alpha-Chlordane	32770	62008	137940	262440	440360	923870	2ORDR	-1.2e-003	1.797e-007	1.002e-013	0.99964	0.99000
4,4'-DDE	29952	58678	134640	263520	439380	929080	2ORDR	-8.47e-004	1.805e-007	9.679e-014	0.99956	0.99000
4,4'-DDT	19106	39001	93493	189290	327490	726630	2ORDR	-4.98e-004	2.62e-007	1.143e-013	0.99965	0.99000
Dieldrin	28944	55708	133040	259650	427440	888250	2ORDR	-5.81e-004	1.781e-007	1.175e-013	0.99953	0.99000
Toxaphene	2036	14023	6684	25650	64160	217390	2ORDR	2.746e-002	3.492e-005	5.043e-011	0.99826	0.99000
(2)	3404	21807	10776	39527	99806	323370	2ORDR	3.067e-002	2.183e-005	2.784e-011	0.99832	0.99000
(3)	4608	27938	14217	49972	122080	386550	2ORDR	2.026e-002	1.751e-005	2.151e-011	0.99832	0.99000
(4)	4745	28906	14606	51930	125600	403610	2ORDR	1.657e-002	1.72e-005	1.869e-011	0.99830	0.99000
(5)	6993	40680	20930	72378	176650	546660	2ORDR	2.14e-002	1.187e-005	1.169e-011	0.99834	0.99000
(6)	7167	41374	21296	73601	177770	551570	2ORDR	1.792e-002	1.181e-005	1.141e-011	0.99833	0.99000
(7)	8659	51194	26171	91816	225000	697150	2ORDR	2.443e-002	9.321e-006	7.158e-012	0.99835	0.99000
(8)	6665	41031	20855	74150	183250	579660	2ORDR	2.554e-002	1.166e-005	9.576e-012	0.99835	0.99000
(9)	9796	57735	29924	102650	248690	763090	2ORDR	2.071e-002	8.353e-006	6.194e-012	0.99835	0.99000
(10)	6726	43603	21721	79727	201230	646360	2ORDR	3.296e-002	1.075e-005	7.226e-012	0.99835	0.99000
Endrin	27769	53999	127080	246630	407770	839850	2ORDR	-5.44e-004	1.846e-007	1.359e-013	0.99962	0.99000
4,4'-DDD	16938	34351	84726	174920	299430	663510	2ORDR	-2.75e-004	2.836e-007	1.418e-013	0.99956	0.99000
Endosulfan II	23115	44917	104060	202120	347410	746650	2ORDR	-8.52e-004	2.381e-007	1.316e-013	0.99973	0.99000
Endrin Aldehyde	17994	34709	81602	160880	276970	613860	2ORDR	-9.59e-004	3.104e-007	1.612e-013	0.99962	0.99000
Methoxychlor	8785	17634	42418	85529	140310	307400	2ORDR	-7.94e-004	5.844e-007	7.576e-013	0.99919	0.99000
Endosulfan sulfate	11492	23705	59360	116950	223210	521450	2ORDR	-1.13e-004	4.209e-007	1.129e-013	0.99998	0.99000
Endrin Ketone	10710	22341	55975	108500	211610	490820	2ORDR	2.437e-005	4.446e-007	1.319e-013	1.00000	0.99000
Tetrachloro-m-Xylene	34603	62944	141250	267110	432410	897700	2ORDR	-1.39e-003	1.755e-007	1.17e-013	0.99936	0.99000
Decachlorobiphenyl	15984	30511	67665	127170	207880	446670	2ORDR	-1.78e-003	3.883e-007	3.952e-013	0.99922	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/16/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 1825

LAB FILE ID: RF0.005: 8WA4033 RF0.01: 8WA4034 RF0.025: 8WA4035
RF0.05: 8WA4032 RF0.1: 8WA4036 RF0.25: 8WA4037

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	19624	39459	96845	194820	344680	774160	2ORDR	-4.09e-004	2.549e-007	8.889e-014	0.99976	0.99000
alpha-BHC	21366	46078	124560	266230	469070	961050	2ORDR	1.429e-003	1.622e-007	1.003e-013	0.99981	0.99000
gamma BHC	21678	46513	119060	246950	446130	960990	2ORDR	6.622e-004	1.878e-007	7.468e-014	0.99990	0.99000
beta-BHC	11879	23590	57115	115620	199140	450250	2ORDR	-7.03e-004	4.393e-007	2.625e-013	0.99955	0.99000
delta-BHC	13370	29555	83656	185120	353260	847930	2ORDR	1.208e-003	2.669e-007	3.13e-014	0.99985	0.99000
Heptachlor	26702	52594	128110	261320	450020	960300	2ORDR	-6.83e-005	1.807e-007	8.328e-014	0.99975	0.99000
Aldrin	21310	43808	112540	235240	414490	928590	2ORDR	1.422e-004	2.095e-007	6.438e-014	0.99972	0.99000
Heptachlor Epoxide	21380	42854	105160	211890	375020	835780	2ORDR	-3.29e-004	2.323e-007	8.068e-014	0.99979	0.99000
gamma-Chlordane	20638	41095	99897	203210	362650	814760	2ORDR	-3.04e-004	2.435e-007	7.853e-014	0.99981	0.99000
alpha-Chlordane	20430	41063	97891	196490	350680	787440	2ORDR	-4.9e-004	2.522e-007	8.403e-014	0.99982	0.99000
4,4'-DDE	18840	37623	94555	194850	339670	763340	2ORDR	-2.24e-004	2.562e-007	9.423e-014	0.99965	0.99000
4,4'-DDT	10532	22008	57299	126040	233900	558720	2ORDR	5.883e-004	4.008e-007	8.192e-014	0.99981	0.99000
Dieldrin	16926	34967	89734	189500	345370	788000	2ORDR	3.482e-004	2.6e-007	7.232e-014	0.99985	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	14976	30134	78106	166580	299650	685350	2ORDR	3.091e-004	2.985e-007	9.632e-014	0.99977	0.99000
4,4'-DDD	9247	19392	53376	120160	223590	538360	2ORDR	9.558e-004	4.199e-007	7.96e-014	0.99976	0.99000
Endosulfan II	13667	27821	69496	143650	261730	605200	2ORDR	-6.99e-005	3.489e-007	1.067e-013	0.99984	0.99000
Endrin Aldehyde	10737	21323	52275	107090	194570	457790	2ORDR	-4.21e-004	4.775e-007	1.528e-013	0.99980	0.99000
Methoxychlor	5459	11979	28668	59116	103810	242340	2ORDR	-5.35e-004	8.747e-007	6.611e-013	0.99959	0.99000
Endosulfan sulfate	6698	14194	37555	78282	156250	391020	2ORDR	6.307e-004	6.348e-007	7.414e-015	0.99998	0.99000
Endrin Ketone	5521	11839	31588	66642	140150	359880	2ORDR	1.173e-003	7.252e-007	-9.46e-014	0.99991	0.99000
Tetrachloro-m-Xylene	20740	39434	92023	181180	305580	669690	2ORDR	-1.08e-003	2.747e-007	1.504e-013	0.99949	0.99000
Decachlorobiphenyl	15862	30716	69964	131880	220570	471610	2ORDR	-1.36e-003	3.674e-007	3.531e-013	0.99950	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/18/06 01/19/06

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1700 0115

LAB FILE ID: RF0.005: 8WA3120 RF0.01: 8WA3121 RF0.025: 8WA3122
RF0.05: 8WA3119 RF0.1: 8WA3123 RF0.25: 8WA3124

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	32016	60728	137010	259620	431920	904510	2ORDR	-1.19e-003	1.813e-007	1.07e-013	0.99958	0.99000
alpha-BHC	35549	83111	194100	369630	563060	966530	2ORDR	2.398e-003	6.001e-008	2.026e-013	0.99951	0.99000
gamma BHC	41666	82897	185570	341460	576170	966480	2ORDR	2.665e-003	6.37e-008	1.975e-013	0.99887	0.99000
beta-BHC	22556	41143	91785	174290	292320	612090	2ORDR	-1.26e-003	2.702e-007	2.302e-013	0.99965	0.99000
delta-BHC	40600	78657	183090	352940	593120	966430	2ORDR	3.793e-003	4.732e-008	2.126e-013	0.99785	0.99000
Heptachlor	41934	80211	177100	326870	546800	966400	2ORDR	1.352e-003	8.998e-008	1.726e-013	0.99973	0.99000
Aldrin	37221	70983	163460	310670	526170	966500	2ORDR	1.054e-003	1.101e-007	1.523e-013	0.99987	0.99000
Heptachlor Epoxide	33610	64045	141300	267030	446600	937790	2ORDR	-1.32e-003	1.772e-007	9.728e-014	0.99961	0.99000
gamma-Chlordane	33240	62544	140350	264630	448360	951910	2ORDR	-1.32e-003	1.808e-007	8.779e-014	0.99966	0.99000
alpha-Chlordane	33091	60286	135800	260720	436160	901530	2ORDR	-9.56e-004	1.766e-007	1.133e-013	0.99970	0.99000
4,4'-DDE	31485	60415	140400	270530	454590	956420	2ORDR	-8.52e-004	1.74e-007	9.269e-014	0.99965	0.99000
4,4'-DDT	23752	45931	106580	212420	360200	775840	2ORDR	-7.41e-004	2.282e-007	1.229e-013	0.99962	0.99000
Dieldrin	30570	57025	133510	262340	440080	899090	2ORDR	-3.39e-004	1.706e-007	1.202e-013	0.99976	0.99000
Toxaphene	3532	5771	9345	15457	35531	105780	2ORDR	-6.97e-002	6.084e-005	3.248e-010	0.99984	0.99000
(2)	5377	12729	24461	42586	100720	312870	2ORDR	-1.81e-002	2.173e-005	3.288e-011	0.99996	0.99000
(3)	8368	19374	36073	62885	147060	455670	2ORDR	-2.5e-002	1.488e-005	1.564e-011	0.99996	0.99000
(4)	10023	23651	43709	74815	172880	520630	2ORDR	-2.66e-002	1.231e-005	1.335e-011	0.99995	0.99000
(5)	9996	24004	44561	77342	177540	537550	2ORDR	-2.56e-002	1.202e-005	1.234e-011	0.99996	0.99000
(6)	12864	32877	61638	107890	244970	723010	2ORDR	-1.79e-002	8.435e-006	7.499e-012	0.99997	0.99000
(7)	14412	37981	71568	127470	294850	886810	2ORDR	-1.17e-002	7.153e-006	4.665e-012	0.99998	0.99000
(8)	15676	42025	79196	139780	318670	942610	2ORDR	-1.34e-002	6.488e-006	4.387e-012	0.99998	0.99000
(9)	9447	25607	50179	90177	212990	660790	2ORDR	-5.42e-003	1.019e-005	7.495e-012	0.99998	0.99000
(10)	5095	14592	30491	57949	146650	497460	2ORDR	1.758e-002	1.578e-005	8.605e-012	0.99997	0.99000
Endrin	26871	50337	116840	231900	391510	794020	2ORDR	-1.46e-004	1.901e-007	1.577e-013	0.99981	0.99000
4,4'-DDD	24497	46899	110730	216840	368690	784680	2ORDR	-6.83e-004	2.195e-007	1.28e-013	0.99969	0.99000
Endosulfan II	28108	53207	119820	229260	386020	808870	2ORDR	-1.04e-003	2.047e-007	1.311e-013	0.99968	0.99000
Endrin Aldehyde	20937	39780	89615	170140	288410	635500	2ORDR	-1.63e-003	2.955e-007	1.59e-013	0.99948	0.99000
Methoxychlor	13402	25027	55818	104550	173100	361540	2ORDR	-1.39e-003	4.502e-007	6.814e-013	0.99954	0.99000
Endosulfan sulfate	19516	36725	84864	164310	284020	619060	2ORDR	-1.06e-003	2.982e-007	1.742e-013	0.99971	0.99000
Endrin Ketone	21089	40687	92489	177820	303880	660970	2ORDR	-1.23e-003	2.765e-007	1.575e-013	0.99963	0.99000
Tetrachloro-m-Xylene	34704	66392	144860	263350	443770	918840	2ORDR	-1.51e-003	1.755e-007	1.074e-013	0.99969	0.99000
Decachlorobiphenyl	19124	34083	72535	131460	219610	463290	2ORDR	-2.15e-003	3.66e-007	3.87e-013	0.99950	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/18/06 01/19/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1700 0115

LAB FILE ID: RF0.005: 8WA4120 RF0.01: 8WA4121 RF0.025: 8WA4122
RF0.05: 8WA4119 RF0.1: 8WA4123 RF0.25: 8WA4124

								COEFFICENTS			%RSD	MAX %RSD
COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	A0	A1	A2	OR R^2	OR R^2
Endosulfan I	19839	38809	95424	196140	346210	769720	2ORDR	-1.86e-004	2.505e-007	9.714e-014	0.99977	0.99000
alpha-BHC	26456	55724	146720	303840	540240	965200	2ORDR	3.031e-003	9.953e-008	1.61e-013	0.99907	0.99000
gamma BHC	22903	48436	122590	259210	453080	947340	2ORDR	8.109e-004	1.741e-007	9.402e-014	0.99981	0.99000
beta-BHC	13222	25550	61857	125020	218510	488150	2ORDR	-5.46e-004	3.984e-007	2.364e-013	0.99971	0.99000
delta-BHC	20709	42375	115620	250390	446960	955690	2ORDR	1.159e-003	1.832e-007	8.078e-014	0.99980	0.99000
Heptachlor	26980	52170	129330	264170	459110	958550	2ORDR	2.913e-004	1.721e-007	9.24e-014	0.99984	0.99000
Aldrin	21349	43124	112490	238400	419990	926010	2ORDR	4.289e-004	2.026e-007	7.241e-014	0.99974	0.99000
Heptachlor Epoxide	22132	42695	107150	220200	385030	854120	2ORDR	-1.72e-004	2.234e-007	8.172e-014	0.99972	0.99000
gamma-Chlordane	21121	41148	102040	210330	371620	828630	2ORDR	-1.49e-004	2.341e-007	8.21e-014	0.99977	0.99000
alpha-Chlordane	21921	42636	104420	210710	370380	822640	2ORDR	-3.98e-004	2.338e-007	8.608e-014	0.99976	0.99000
4,4'-DDE	20253	40266	99815	203720	361750	813810	2ORDR	-2.41e-004	2.434e-007	7.905e-014	0.99978	0.99000
4,4'-DDT	12033	24113	63643	138560	253450	591190	2ORDR	5.367e-004	3.61e-007	1.035e-013	0.99979	0.99000
Dieldrin	17792	36162	92929	195360	355970	809100	2ORDR	3.204e-004	2.514e-007	7.081e-014	0.99986	0.99000
Toxaphene	2407	6483	12710	22867	59755	229250	2ORDR	-3.65e-003	4.158e-005	8.947e-012	0.99996	0.99000
(2)	4161	11251	21769	39229	98513	344200	2ORDR	-6.64e-003	2.412e-005	1.438e-011	0.99997	0.99000
(3)	3909	10752	20891	39106	100000	361610	2ORDR	2.968e-003	2.414e-005	9.704e-012	0.99997	0.99000
(4)	4521	12360	24423	45563	115720	408470	2ORDR	4.37e-003	2.058e-005	9.51e-012	0.99998	0.99000
(5)	8986	25261	49214	92237	229870	768930	2ORDR	6.096e-003	1.002e-005	3.867e-012	0.99998	0.99000
(6)	7215	19811	39338	75728	194880	673390	2ORDR	1.693e-002	1.205e-005	4.113e-012	0.99996	0.99000
(7)	7067	21029	41586	79937	202390	695830	2ORDR	1.435e-002	1.155e-005	4.025e-012	0.99998	0.99000
(8)	4406	13345	27290	55904	150630	553740	2ORDR	3.825e-002	1.6e-005	3.581e-012	0.99992	0.99000
(9)	3824	11500	23525	47392	129920	479850	2ORDR	3.965e-002	1.863e-005	4.435e-012	0.99990	0.99000
(10)	3630	10838	21666	43005	114630	425860	2ORDR	2.71e-002	2.12e-005	5.206e-012	0.99994	0.99000
Endrin	15569	30824	79284	170970	313110	706910	2ORDR	5.908e-004	2.842e-007	9.726e-014	0.99985	0.99000
4,4'-DDD	11110	22648	61506	134900	249590	585250	2ORDR	7.842e-004	3.687e-007	9.783e-014	0.99981	0.99000
Endosulfan II	15484	30106	76509	157170	281940	638870	2ORDR	-9.04e-005	3.156e-007	1.192e-013	0.99981	0.99000
Endrin Aldehyde	12156	23372	56157	115320	206310	476170	2ORDR	-5.34e-004	4.41e-007	1.797e-013	0.99976	0.99000
Methoxychlor	6647	12953	31894	65550	115980	261980	2ORDR	-3.07e-004	7.62e-007	7.416e-013	0.99975	0.99000
Endosulfan sulfate	10876	21460	53375	111870	204650	476060	2ORDR	-2.75e-005	4.495e-007	1.596e-013	0.99985	0.99000
Endrin Ketone	10493	21386	54375	116300	209330	488330	2ORDR	1.321e-004	4.359e-007	1.558e-013	0.99974	0.99000
Tetrachloro-m-Xylene	22216	41800	97305	193260	327910	709290	2ORDR	-8.49e-004	2.525e-007	1.432e-013	0.99961	0.99000
Decachlorobiphenyl	17220	31830	72501	137980	233230	494700	2ORDR	-1.2e-003	3.462e-007	3.28e-013	0.99965	0.99000

FORM VI SV

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1010.d	1.65	1.05

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/04/06
Time Analyzed :1637

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2010.d	1.23	0.47

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA1017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	4.88e-002	5.e-002	3814400.0	0.01	-2.40	15.00	2RDR
gamma BHC	4.73e-002	5.e-002	4605900.0	0.01	-5.40	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	2165300.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.96e-002	5.e-002	4697800.0	0.01	-0.80	15.00	2RDR
Heptachlor	4.74e-002	5.e-002	4528900.0	0.01	-5.20	15.00	2RDR
Aldrin	4.82e-002	5.e-002	4121000.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	4.86e-002	5.e-002	3707000.0	0.01	-2.80	15.00	2RDR
gamma-Chlordane	5.03e-002	5.e-002	3633100.0	0.01	0.60	15.00	2RDR
alpha-Chlordane	4.96e-002	5.e-002	3541600.0	0.01	-0.80	15.00	2RDR
4,4'-DDE	4.84e-002	5.e-002	3571300.0	0.01	-3.20	15.00	2RDR
alpha-BHC	4.64e-002	5.e-002	5230400.0	0.01	-7.20	15.00	2RDR
Dieldrin	4.69e-002	5.e-002	3297900.0	0.01	-6.20	15.00	2RDR
Endrin	4.9e-002	5.e-002	3246000.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	4.67e-002	5.e-002	2465700.0	0.01	-6.60	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2845200.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.79e-002	5.e-002	2676600.0	0.01	-4.20	15.00	2RDR
Endrin Aldehyde	5.2e-002	5.e-002	2315700.0	0.01	4.00	15.00	2RDR
Methoxychlor	4.82e-002	5.e-002	1315900.0	0.01	-3.60	15.00	2RDR
Endosulfan sulfate	4.81e-002	5.e-002	2139000.0	0.01	-3.80	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	2494000.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/04/06 Time: 2035

Lab File ID: 8WA2017 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	4.71e-002	5.e-002	2828500.0	0.01	-5.80	15.00	2RDR
gamma BHC	4.81e-002	5.e-002	3835800.0	0.01	-3.80	15.00	2RDR
beta-BHC	4.78e-002	5.e-002	1804700.0	0.01	-4.40	15.00	2RDR
delta-BHC	4.93e-002	5.e-002	3860400.0	0.01	-1.40	15.00	2RDR
Heptachlor	4.72e-002	5.e-002	3803700.0	0.01	-5.60	15.00	2RDR
Aldrin	4.71e-002	5.e-002	3306100.0	0.01	-5.80	15.00	2RDR
Heptachlor Epoxide	4.76e-002	5.e-002	3143400.0	0.01	-4.80	15.00	2RDR
gamma-Chlordane	4.88e-002	5.e-002	3088800.0	0.01	-2.40	15.00	2RDR
alpha-Chlordane	4.82e-002	5.e-002	3009400.0	0.01	-3.60	15.00	2RDR
Endosulfan I	4.8e-002	5.e-002	2895700.0	0.01	-4.00	15.00	2RDR
alpha-BHC	4.68e-002	5.e-002	4264900.0	0.01	-6.40	15.00	2RDR
Dieldrin	4.71e-002	5.e-002	2715000.0	0.01	-5.80	15.00	2RDR
Endrin	4.86e-002	5.e-002	2538800.0	0.01	-2.80	15.00	2RDR
4,4'-DDD	4.7e-002	5.e-002	1812300.0	0.01	-6.00	15.00	2RDR
Endosulfan II	4.84e-002	5.e-002	2207600.0	0.01	-3.20	15.00	2RDR
4,4'-DDT	4.68e-002	5.e-002	1893800.0	0.01	-6.40	15.00	2RDR
Endrin Aldehyde	5.05e-002	5.e-002	1747400.0	0.01	1.00	15.00	2RDR
Endosulfan sulfate	4.75e-002	5.e-002	1736500.0	0.01	-5.00	15.00	2RDR
Methoxychlor	4.84e-002	5.e-002	964940.00	0.01	-3.20	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1905500.0	0.01	1.40	15.00	2RDR

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/16/06
Time Analyzed :1216

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA3030.d	10.52	1.57

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/16/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/16/06
Time Analyzed :1216

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA4030.d	10.26	0.66

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/18/06
Time Analyzed :1632

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA3105.d	2.94	4.02

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/18/06 01/19/06

Client Sample ID (PEM): Date Analyzed :01/18/06
Lab Sample ID (PEM): EVAL Time Analyzed :1632

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA4105.d	2.11	2.45

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/05/06
Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA1055.d	2.75	1.48

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

7D

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 01/04/06 01/05/06

Client Sample ID (PEM):
Lab Sample ID (PEM): EVAL

Date Analyzed :01/05/06
Time Analyzed :1743

LAB SAMPLE ID	FILENAME	% DDT BREAKDOWN	% ENDRIN BREAKDOWN
EVAL	8WA2055.d	2.00	1.15

QC LIMITS:

4,4'-DDT breakdown must be less than or equal to 15.0%
Endrin breakdown must be less than or equal to 15.0%

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA1057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.56e-002	5.e-002	6107600.0	0.01	11.20	15.00	2RDR	
gamma BHC	5.48e-002	5.e-002	5249000.0	0.01	9.60	15.00	2RDR	
Heptachlor	5.72e-002	5.e-002	5316700.0	0.01	14.40	15.00	2RDR	
beta-BHC	5.47e-002	5.e-002	2450000.0	0.01	9.40	15.00	2RDR	
Aldrin	5.57e-002	5.e-002	4689200.0	0.01	11.40	15.00	2RDR	
delta-BHC	5.43e-002	5.e-002	5085200.0	0.01	8.60	15.00	2RDR	
Heptachlor Epoxide	5.54e-002	5.e-002	4167900.0	0.01	10.80	15.00	2RDR	
Endosulfan I	5.42e-002	5.e-002	4191800.0	0.01	8.40	15.00	2RDR	
4,4'-DDE	5.42e-002	5.e-002	3960700.0	0.01	8.40	15.00	2RDR	
Dieldrin	5.24e-002	5.e-002	3648700.0	0.01	4.80	15.00	2RDR	
Endrin	5.31e-002	5.e-002	3489000.0	0.01	6.20	15.00	2RDR	
4,4'-DDD	5.25e-002	5.e-002	2750500.0	0.01	5.00	15.00	2RDR	
Endosulfan II	5.26e-002	5.e-002	3068500.0	0.01	5.20	15.00	2RDR	
4,4'-DDT	5.e-002	5.e-002	2785800.0	0.01	0.00	15.00	2RDR	
Endrin Aldehyde	5.23e-002	5.e-002	2328600.0	0.01	4.60	15.00	2RDR	
Endosulfan sulfate	4.84e-002	5.e-002	2148700.0	0.01	-3.20	15.00	2RDR	
Methoxychlor	4.92e-002	5.e-002	1340600.0	0.01	-1.60	15.00	2RDR	
alpha-Chlordane	5.56e-002	5.e-002	3922700.0	0.01	11.20	15.00	2RDR	
gamma-Chlordane	5.56e-002	5.e-002	3978900.0	0.01	11.20	15.00	2RDR	
Endrin Ketone	5.06e-002	5.e-002	2491600.0	0.01	1.20	15.00	2RDR	
Tetrachloro-m-Xylene	6.29e-002	5.e-002	4415100.0	0.01	25.80	15.00	2RDR	<-
Decachlorobiphenyl	5.39e-002	5.e-002	1925000.0	0.01	7.80	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/05/06 Time: 1840

Lab File ID: 8WA2057 Init. Calib. Date(s): 01/04/06 01/05/06

Init. Calib. Times: 1750 0205

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.65e-002	5.e-002	5109600.0	0.01	13.00	15.00	2RDR	
gamma BHC	5.45e-002	5.e-002	4319500.0	0.01	9.00	15.00	2RDR	
Heptachlor	5.64e-002	5.e-002	4507500.0	0.01	12.80	15.00	2RDR	
beta-BHC	5.54e-002	5.e-002	2077100.0	0.01	10.80	15.00	2RDR	
Aldrin	5.47e-002	5.e-002	3822000.0	0.01	9.40	15.00	2RDR	
delta-BHC	5.14e-002	5.e-002	4019200.0	0.01	2.80	15.00	2RDR	
Heptachlor Epoxide	5.17e-002	5.e-002	3399600.0	0.01	3.40	15.00	2RDR	
Endosulfan I	5.24e-002	5.e-002	3143700.0	0.01	4.80	15.00	2RDR	
4,4'-DDE	5.48e-002	5.e-002	3271800.0	0.01	9.60	15.00	2RDR	
Dieldrin	5.49e-002	5.e-002	3158300.0	0.01	9.80	15.00	2RDR	
Endrin	5.33e-002	5.e-002	2782400.0	0.01	6.60	15.00	2RDR	
4,4'-DDD	5.39e-002	5.e-002	2082200.0	0.01	7.80	15.00	2RDR	
Endosulfan II	5.3e-002	5.e-002	2410400.0	0.01	6.00	15.00	2RDR	
4,4'-DDT	5.11e-002	5.e-002	2069400.0	0.01	2.20	15.00	2RDR	
Endrin Aldehyde	5.35e-002	5.e-002	1845500.0	0.01	7.00	15.00	2RDR	
Endosulfan sulfate	5.02e-002	5.e-002	1832600.0	0.01	0.40	15.00	2RDR	
Methoxychlor	5.34e-002	5.e-002	1059100.0	0.01	6.80	15.00	2RDR	
alpha-Chlordane	5.37e-002	5.e-002	3338700.0	0.01	7.40	15.00	2RDR	
gamma-Chlordane	5.22e-002	5.e-002	3292100.0	0.01	4.40	15.00	2RDR	
Endrin Ketone	5.1e-002	5.e-002	1916300.0	0.01	2.00	15.00	2RDR	
Tetrachloro-m-Xylene	5.76e-002	5.e-002	3251700.0	0.01	15.20	15.00	2RDR	<-
Decachlorobiphenyl	4.89e-002	5.e-002	2034900.0	0.01	-2.20	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/17/06 Time: 0525

Lab File ID: 8WA3067 Init. Calib. Date(s): 01/04/06 01/16/06

Init. Calib. Times: 1750 1825

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.64e-002	5.e-002	7589800.0	0.01	-7.20	15.00	2RDR	
gamma BHC	4.92e-002	5.e-002	6965000.0	0.01	-1.60	15.00	2RDR	
Heptachlor	4.65e-002	5.e-002	6617400.0	0.01	-7.00	15.00	2RDR	
beta-BHC	5.34e-002	5.e-002	3276300.0	0.01	6.80	15.00	2RDR	
Aldrin	4.85e-002	5.e-002	5837600.0	0.01	-3.00	15.00	2RDR	
delta-BHC	5.93e-002	5.e-002	5966100.0	0.01	18.60	15.00	2RDR	<-
Heptachlor Epoxide	5.34e-002	5.e-002	5459100.0	0.01	6.80	15.00	2RDR	
Endosulfan I	4.98e-002	5.e-002	5482400.0	0.01	-0.40	15.00	2RDR	
4,4'-DDE	4.98e-002	5.e-002	4957000.0	0.01	-0.40	15.00	2RDR	
Dieldrin	5.25e-002	5.e-002	5100100.0	0.01	5.00	15.00	2RDR	
Endrin	5.26e-002	5.e-002	4878800.0	0.01	5.20	15.00	2RDR	
4,4'-DDD	5.88e-002	5.e-002	3805800.0	0.01	17.60	15.00	2RDR	<-
Endosulfan II	5.57e-002	5.e-002	4251000.0	0.01	11.40	15.00	2RDR	
4,4'-DDT	2.56e-002	5.e-002	1913600.0	0.01	48.80	15.00	2RDR	<-
Endrin Aldehyde	5.63e-002	5.e-002	3393300.0	0.01	12.60	15.00	2RDR	
Endosulfan sulfate	6.45e-002	5.e-002	2953600.0	0.01	29.00	15.00	2RDR	<-
Methoxychlor	6.13e-002	5.e-002	1892400.0	0.01	22.60	15.00	2RDR	<-
alpha-Chlordane	5.2e-002	5.e-002	5173800.0	0.01	4.00	15.00	2RDR	
gamma-Chlordane	5.35e-002	5.e-002	5385800.0	0.01	7.00	15.00	2RDR	
Endrin Ketone	7.4e-002	5.e-002	3176600.0	0.01	48.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	5.31e-002	5.e-002	5279600.0	0.01	6.20	15.00	2RDR	
Decachlorobiphenyl	5.85e-002	5.e-002	2726200.0	0.01	17.00	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/17/06 Time: 0525

Lab File ID: 8WA4067 Init. Calib. Date(s): 01/04/06 01/16/06

Init. Calib. Times: 1750 1825

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.44e-002	5.e-002	5574300.0	0.01	8.80	15.00	2RDR	
gamma BHC	5.5e-002	5.e-002	5241100.0	0.01	10.00	15.00	2RDR	
Heptachlor	5.39e-002	5.e-002	5322000.0	0.01	7.80	15.00	2RDR	
beta-BHC	5.37e-002	5.e-002	2318300.0	0.01	7.40	15.00	2RDR	
Aldrin	5.44e-002	5.e-002	4819600.0	0.01	8.80	15.00	2RDR	
delta-BHC	5.99e-002	5.e-002	4289200.0	0.01	19.80	15.00	2RDR	<-
Heptachlor Epoxide	3.22e-002	5.e-002	2677000.0	0.01	35.60	15.00	2RDR	<-
Endosulfan I	5.51e-002	5.e-002	4067100.0	0.01	10.20	15.00	2RDR	
4,4'-DDE	5.44e-002	5.e-002	3972900.0	0.01	8.80	15.00	2RDR	
Dieldrin	5.4e-002	5.e-002	3915900.0	0.01	8.00	15.00	2RDR	
Endrin	4.92e-002	5.e-002	3117200.0	0.01	-1.60	15.00	2RDR	
4,4'-DDD	5.69e-002	5.e-002	2600700.0	0.01	13.80	15.00	2RDR	
Endosulfan II	5.68e-002	5.e-002	3110400.0	0.01	13.60	15.00	2RDR	
4,4'-DDT	5.58e-002	5.e-002	2683100.0	0.01	11.60	15.00	2RDR	
Endrin Aldehyde	5.7e-002	5.e-002	2317600.0	0.01	14.00	15.00	2RDR	
Endosulfan sulfate	6.48e-002	5.e-002	2017900.0	0.01	29.60	15.00	2RDR	<-
Methoxychlor	5.79e-002	5.e-002	1274400.0	0.01	15.80	15.00	2RDR	<-
alpha-Chlordane	5.51e-002	5.e-002	4127300.0	0.01	10.20	15.00	2RDR	
gamma-Chlordane	5.51e-002	5.e-002	4259100.0	0.01	10.20	15.00	2RDR	
Endrin Ketone	8.96e-002	5.e-002	2479900.0	0.01	79.20	15.00	2RDR	<-
Tetrachloro-m-Xylene	5.42e-002	5.e-002	3658600.0	0.01	8.40	15.00	2RDR	
Decachlorobiphenyl	5.57e-002	5.e-002	2746700.0	0.01	11.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/19/06 Time: 1337

Lab File ID: 8WA3151 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.13e-002	5.e-002	6285800.0	0.01	-17.40	15.00	2RDR	<-
gamma BHC	4.89e-002	5.e-002	6976400.0	0.01	-2.20	15.00	2RDR	
Heptachlor	4.82e-002	5.e-002	6435300.0	0.01	-3.60	15.00	2RDR	
beta-BHC	4.87e-002	5.e-002	3249300.0	0.01	-2.60	15.00	2RDR	
Aldrin	4.8e-002	5.e-002	6016500.0	0.01	-4.00	15.00	2RDR	
delta-BHC	4.35e-002	5.e-002	6697600.0	0.01	-13.00	15.00	2RDR	
Heptachlor Epoxide	5.38e-002	5.e-002	5416800.0	0.01	7.60	15.00	2RDR	
Endosulfan I	5.2e-002	5.e-002	5095600.0	0.01	4.00	15.00	2RDR	
4,4'-DDE	5.01e-002	5.e-002	5149600.0	0.01	0.20	15.00	2RDR	
Dieldrin	5.19e-002	5.e-002	5179100.0	0.01	3.80	15.00	2RDR	
Endrin	5.01e-002	5.e-002	4463500.0	0.01	0.20	15.00	2RDR	
4,4'-DDD	4.97e-002	5.e-002	4104400.0	0.01	-0.60	15.00	2RDR	
Endosulfan II	4.98e-002	5.e-002	4356300.0	0.01	-0.40	15.00	2RDR	
4,4'-DDT	4.99e-002	5.e-002	4008700.0	0.01	-0.20	15.00	2RDR	
Endrin Aldehyde	5.28e-002	5.e-002	3379400.0	0.01	5.60	15.00	2RDR	
Endosulfan sulfate	5.15e-002	5.e-002	3220100.0	0.01	3.00	15.00	2RDR	
Methoxychlor	4.76e-002	5.e-002	1902400.0	0.01	-4.80	15.00	2RDR	
alpha-Chlordane	4.99e-002	5.e-002	4970100.0	0.01	-0.20	15.00	2RDR	
gamma-Chlordane	5.21e-002	5.e-002	5242000.0	0.01	4.20	15.00	2RDR	
Endrin Ketone	5.62e-002	5.e-002	3754800.0	0.01	12.40	15.00	2RDR	
Tetrachloro-m-Xylene	5.36e-002	5.e-002	5390400.0	0.01	7.20	15.00	2RDR	
Decachlorobiphenyl	5.23e-002	5.e-002	2615600.0	0.01	4.60	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date: 01/19/06 Time: 1337

Lab File ID: 8WA4151 Init. Calib. Date(s): 01/18/06 01/19/06

Init. Calib. Times: 1700 0115

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.79e-002	5.e-002	6047900.0	0.01	-4.20	15.00	2RDR
gamma BHC	5.36e-002	5.e-002	5302900.0	0.01	7.20	15.00	2RDR
Heptachlor	5.05e-002	5.e-002	5130700.0	0.01	1.00	15.00	2RDR
beta-BHC	5.1e-002	5.e-002	2412600.0	0.01	2.00	15.00	2RDR
Aldrin	5.24e-002	5.e-002	4729700.0	0.01	4.80	15.00	2RDR
delta-BHC	4.97e-002	5.e-002	4788600.0	0.01	-0.60	15.00	2RDR
Heptachlor Epoxide	5.06e-002	5.e-002	4218700.0	0.01	1.20	15.00	2RDR
Endosulfan I	5.47e-002	5.e-002	4059600.0	0.01	9.40	15.00	2RDR
4,4'-DDE	5.32e-002	5.e-002	4114600.0	0.01	6.40	15.00	2RDR
Dieldrin	5.33e-002	5.e-002	3987900.0	0.01	6.60	15.00	2RDR
Endrin	4.9e-002	5.e-002	3229900.0	0.01	-2.00	15.00	2RDR
4,4'-DDD	5.12e-002	5.e-002	2641500.0	0.01	2.40	15.00	2RDR
Endosulfan II	5.29e-002	5.e-002	3171000.0	0.01	5.80	15.00	2RDR
4,4'-DDT	4.82e-002	5.e-002	2546300.0	0.01	-3.60	15.00	2RDR
Endrin Aldehyde	5.36e-002	5.e-002	2341700.0	0.01	7.20	15.00	2RDR
Endosulfan sulfate	5.48e-002	5.e-002	2340400.0	0.01	9.60	15.00	2RDR
Methoxychlor	4.89e-002	5.e-002	1219600.0	0.01	-2.20	15.00	2RDR
alpha-Chlordane	5.14e-002	5.e-002	4117900.0	0.01	2.80	15.00	2RDR
gamma-Chlordane	5.04e-002	5.e-002	4035000.0	0.01	0.80	15.00	2RDR
Endrin Ketone	5.69e-002	5.e-002	2494300.0	0.01	13.80	15.00	2RDR
Tetrachloro-m-Xylene	5.12e-002	5.e-002	3725600.0	0.01	2.40	15.00	2RDR
Decachlorobiphenyl	5.4e-002	5.e-002	2812400.0	0.01	8.00	15.00	2RDR

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 05-JAN-2006 20:04
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24195-1
Client ID: WG24195-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		87%				
2051-24-3	Decachlorobiphenyl		48%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 19-JAN-2006 07:40
Report Date: 01/19/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24736-1
Client ID: WG24736-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.024	1.0	0.050	0.050	0.024
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.027	1.0	0.050	0.050	0.027
76-44-8	Heptachlor	U	0.018	1.0	0.050	0.050	0.018
309-00-2	Aldrin	U	0.027	1.0	0.050	0.050	0.027
1024-57-3	Heptachlor Epoxide	U	0.015	1.0	0.050	0.050	0.015
5103-74-2	gamma-Chlordane	U	0.030	1.0	0.050	0.050	0.030
5103-71-9	alpha-Chlordane	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.060	1.0	0.10	0.10	0.060
50-29-3	4,4'-DDT	U	0.044	1.0	0.10	0.10	0.044
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
8001-35-2	Toxaphene	U	0.29	1.0	1.0	1.0	0.29
72-20-8	Endrin	U	0.011	1.0	0.10	0.10	0.011
72-54-8	4,4'-DDD	U	0.016	1.0	0.10	0.10	0.016
33213-65-9	Endosulfan II	U	0.015	1.0	0.10	0.10	0.015
7421-36-3	Endrin Aldehyde	U	0.033	1.0	0.10	0.10	0.033
72-43-5	Methoxychlor	U	0.034	1.0	0.50	0.50	0.034
1031-07-8	Endosulfan sulfate	U	0.013	1.0	0.10	0.10	0.013
53494-70-5	Endrin Ketone	U	0.018	1.0	0.10	0.10	0.018
877-09-8	Tetrachloro-m-Xylene		68%				
2051-24-3	Decachlorobiphenyl		66%				

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24195-BLANK	WG24195-1	81	87	48	43			0
02	WG24195-LCS	WG24195-2	77	82	53	51			0
03	WG24195-LCSD	WG24195-3	84	87	68	63			0
04	46GW1901	WV6788-1	37	41	22J	21J			2
05	46GW2001	WV6788-2	52	53	11J	10J			2
06	46GW2001D	WV6788-3	54	56	12J	11J			2
07	46GW1701	WV6788-4	65	69	38	38			0
08	46GW1701D	WV6788-5	70	74	49	48			0
09	46GW1801	WV6788-6	64	65	19J	18J			2
10	38GW3S01	WV6788-7	66	71	51	50			0
11	38GW1I01	WV6788-8	64	58	36	34J			1
12	38GW1S01	WV6788-9	68	70	50	50			0
13	38GW0501	WV6788-10	65	68	44	43			0
14	38GW1301	WV6788-11	60	70	45	45			0
15	38GW3I01	WV6788-12	54	49	12J	12J			2
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)
S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24736-BLANK	WG24736-1	68	62	64	66			0
02	WG24736-LCS	WG24736-2	63	63	55	56			0
03	46GW1901	WV6788-1RE	55	48	43	48			0
04	46GW2001	WV6788-2RE	56	54	12J	12J			2
05	46GW2001D	WV6788-3RE	51	50	18J	18J			2
06	46GW1801	WV6788-6RE	72	72	70	75			0
07	38GW3I01	WV6788-12RE	62	60	15J	19J			2
08									
09									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (30-123)
S2 (DCB) = Decachlorobiphenyl (36-140)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/05/06
Report Date: 01/19/2006
Matrix: WATER

Lab ID: WG24195-2 & WG24195-3
Client ID: WG24195-LCS & WG24195-LCSD
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: SAW
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
alpha-BHC	0.50	0.50	NA	0.48	0.52	96	104	8	30	43-114
gamma BHC	0.50	0.50	NA	0.49	0.52	97	104	6	30	43-117
Heptachlor	0.50	0.50	NA	0.49	0.50	98	101	3	30	37-109
beta-BHC	0.50	0.50	NA	0.48	0.52	96	105	8	30	48-121
Aldrin	0.50	0.50	NA	0.49	0.52	98	103	5	30	38-120
delta-BHC	0.50	0.50	NA	0.50	0.52	100	105	5	30	45-131
Heptachlor Epoxide	0.50	0.50	NA	0.49	0.52	98	105	7	30	43-127
Endosulfan I	0.50	0.50	NA	0.34	0.36	67	72	7	30	33-130
4,4'-DDE	0.50	0.50	NA	0.51	0.54	102	107	5	30	41-130
Dieldrin	0.50	0.50	NA	0.50	0.53	100	105	5	30	43-128
Endrin	0.50	0.50	NA	0.45	0.48	89	96	7	30	45-136
4,4'-DDD	0.50	0.50	NA	0.49	0.52	98	104	6	30	45-124
Endosulfan II	0.50	0.50	NA	0.32	0.33	63	66	5	30	47-128
4,4'-DDT	0.50	0.50	NA	0.49	0.51	97	103	6	30	36-141
Endrin Aldehyde	0.50	0.50	NA	0.49	0.53	99	106	7	30	31-155
Endosulfan sulfate	0.50	0.50	NA	0.47	0.51	94	102	9	30	43-132
Methoxychlor	0.50	0.50	NA	0.59	0.64	118	127	8	30	41-135
alpha-Chlordane	0.50	0.50	NA	0.50	0.53	100	105	5	30	38-131
gamma-Chlordane	0.50	0.50	NA	0.48	0.52	96	104	7	30	42-125
Endrin Ketone	0.50	0.50	NA	0.52	0.56	103	112	8	30	52-137

FORM III PEST-1

8WA1061.d & 8WA1062.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 01/19/06
Report Date: 01/19/2006
Matrix: WATER

Lab ID: WG24736-2
Client ID: WG24736-LCS
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24736
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
alpha-BHC	0.50	NA	0.38	76	43-114
gamma BHC	0.50	NA	0.41	82	43-117
Heptachlor	0.50	NA	0.31	61	37-109
beta-BHC	0.50	NA	0.41	82	48-121
Aldrin	0.50	NA	0.31	61	38-120
delta-BHC	0.50	NA	0.38	77	45-131
Heptachlor Epoxide	0.50	NA	0.41	82	43-127
Endosulfan I	0.50	NA	0.42	83	33-130
4,4'-DDE	0.50	NA	0.38	77	41-130
Dieldrin	0.50	NA	0.40	79	43-128
Endrin	0.50	NA	0.36	73	45-136
4,4'-DDD	0.50	NA	0.39	78	45-124
Endosulfan II	0.50	NA	0.41	81	47-128
4,4'-DDT	0.50	NA	0.39	77	36-141
Endrin Aldehyde	0.50	NA	0.39	79	31-155
Endosulfan sulfate	0.50	NA	0.42	85	43-132
Methoxychlor	0.50	NA	0.42	83	41-135
alpha-Chlordane	0.50	NA	0.38	77	38-131
gamma-Chlordane	0.50	NA	0.38	75	42-125
Endrin Ketone	0.50	NA	0.43	86	52-137

FORM III PEST-1

8WA3139.d

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

46GW1901

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-6

Lab Sample ID: WV6788-1 Date(s) Analyzed: 01/16/06 01/16/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
gamma BHC	1	3.56	3.51	3.61	0.0304	
	2	4.80	4.78	4.88	0.0311	2.2
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID: 46GW1901

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-6

Lab Sample ID: WV6788-1RE Date(s) Analyzed: 01/19/06 01/19/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	3.31	3.27	3.37	0.0335	
	2	4.17	4.11	4.21	0.0427	21.5
gamma BHC	1	3.73	3.68	3.78	0.0356	
	2	4.72	4.70	4.80	0.0502	29.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

46GW2001D

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO 367 NAS PE

Lab Code: KAS PO No.: SDG No.: CTO367-6

Lab Sample ID: WV6788-3RE Date(s) Analyzed: 01/19/06 01/19/06

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	3.36	3.27	3.37	0.0238	
	2	4.19	4.11	4.21	0.0298	20.1
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

TETRA TECH NUS, INC. **CALCULATION WORKSHEET** PAGE _____ OF _____

CLIENT	JOB NUMBER	
NAS Pensacola CTO-367-6	Job-0007 SAG-3676	
SUBJECT: Sample Calculation		
BASED ON	DRAWING NUMBER	
BY: Bernard F Spadaro	CHECKED BY	APPROVED BY / DATE: 2/20/06

Sample 46GW190L

gamma-BHC = 0.031 ug/L

gamma-BHC = $(13952^2)(7.468\times10^{-14}) + (13952)(1.878\times10^{-7}) + (6.622\times10^{-4})$

= 0.0000145 + 0.00262 + 0.000622 = 0.003297 ug/mL

$$\frac{(0.003297\ ug/mL)(10\ mL)}{(1.06\ L)} = 0.0311\ ug/L$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 16-JAN-2006 22:05
Report Date: 01/26/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG24195
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	I	0.031	1.0	0.050	0.050	0.016
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
5103-74-2	gamma-Chlordane	U	0.028	1.0	0.050	0.050	0.028
5103-71-9	alpha-Chlordane	U	0.022	1.0	0.050	0.050	0.022
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
8001-35-2	Toxaphene	U	0.27	1.0	1.0	1.0	0.27
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
53494-70-5	Endrin Ketone	U	0.017	1.0	0.10	0.10	0.017
877-09-8	Tetrachloro-m-Xylene		41%				
2051-24-3	Decachlorobiphenyl		J 22%				

Data File: \\Target_server\GG\chem\gc08.i\GC08WA16B1.B\8WA4051.d
Report Date: 19-Jan-2006 14:51

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc08.i\GC08WA16B1.B\8WA4051.d
Lab Smp Id: WV6788-1 Client Smp ID: 46GW1901
Inj Date : 16-JAN-2006 22:05
Operator : LRS Inst ID: gc08.i
Smp Info : PSTA213A.M,GC08WA16A1.B,1,WV6788-1
Misc Info : SW846 8081A
Comment :
Method : \\Target_server\GG\chem\gc08.i\GC08WA16B1.B\PSTB213A.m
Meth Date : 18-Jan-2006 06:34 lschwieter Quant Type: ESTD
Cal Date : 16-JAN-2006 15:40 Cal File: 8WA4037.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SW8081.sub
Target Version: 4.12
Processing Host: TARGET01

Concentration Formula: Amt * DF * 1000*(Vt/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.01000	FinalVolume (L)
Vo	1.060	SampleVolume (L)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
$ 1 Tetrachloro-m-Xylene	3.320	3.320	0.000	142772	0.04121	0.389 (M)
3 gamma BHC	4.800	4.826	-0.026	13952	0.00330	0.0311 (a)
4 beta-BHC	4.960	4.973	-0.013	7575	0.00264	0.0249 (a)
19 Methoxychlor	13.013	12.973	0.040	9218	0.00758	0.0715 (a)
$ 22 Decachlorobiphenyl	19.146	19.160	-0.014	57569	0.02096	0.198 (R)

DCB fbs 1/19/06

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC08 Calibration Date(s): 01/04/06 01/16/06

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1750 1825

LAB FILE ID: RF0.005: 8WA4033 RF0.01: 8WA4034 RF0.025: 8WA4035
RF0.05: 8WA4032 RF0.1: 8WA4036 RF0.25: 8WA4037

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Endosulfan I	19624	39459	96845	194820	344680	774160	2ORDR	-4.09e-004	2.549e-007	8.889e-014	0.99976	0.99000
alpha-BHC	21366	46078	124560	266230	469070	961050	2ORDR	1.429e-003	1.622e-007	1.003e-013	0.99981	0.99000
gamma BHC	21678	46513	119060	246950	446130	960990	2ORDR	6.622e-004	1.878e-007	7.468e-014	0.99990	0.99000
beta-BHC	11879	23590	57115	115620	199140	450250	2ORDR	-7.03e-004	4.393e-007	2.625e-013	0.99955	0.99000
delta-BHC	13370	29555	83656	185120	353260	847930	2ORDR	1.208e-003	2.669e-007	3.13e-014	0.99985	0.99000
Heptachlor	26702	52594	128110	261320	450020	960300	2ORDR	-6.83e-005	1.807e-007	8.328e-014	0.99975	0.99000
Aldrin	21310	43808	112540	235240	414490	928590	2ORDR	1.422e-004	2.095e-007	6.438e-014	0.99972	0.99000
Heptachlor Epoxide	21380	42854	105160	211890	375020	835780	2ORDR	-3.29e-004	2.323e-007	8.068e-014	0.99979	0.99000
gamma-Chlordane	20638	41095	99897	203210	362650	814760	2ORDR	-3.04e-004	2.435e-007	7.853e-014	0.99981	0.99000
alpha-Chlordane	20430	41063	97891	196490	350680	787440	2ORDR	-4.9e-004	2.522e-007	8.403e-014	0.99982	0.99000
4,4'-DDE	18840	37623	94555	194850	339670	763340	2ORDR	-2.24e-004	2.562e-007	9.423e-014	0.99965	0.99000
4,4'-DDT	10532	22008	57299	126040	233900	558720	2ORDR	5.883e-004	4.008e-007	8.192e-014	0.99981	0.99000
Dieldrin	16926	34967	89734	189500	345370	788000	2ORDR	3.482e-004	2.6e-007	7.232e-014	0.99985	0.99000
Toxaphene	3426	16206	8474	28648	76093	271380	2ORDR	1.479e-002	3.094e-005	2.157e-011	0.99833	0.99000
(2)	3240	15710	8031	27737	76012	278610	2ORDR	2.294e-002	3.139e-005	1.588e-011	0.99830	0.99000
(3)	3700	18131	9208	32829	89281	321460	2ORDR	2.776e-002	2.643e-005	1.428e-011	0.99834	0.99000
(4)	7095	38792	19503	70494	185440	618950	2ORDR	3.239e-002	1.21e-005	6.47e-012	0.99835	0.99000
(5)	5661	30137	14968	56669	153880	544840	2ORDR	3.907e-002	1.513e-005	5.79e-012	0.99838	0.99000
(6)	4223	20743	10385	38271	105880	387720	2ORDR	3.492e-002	2.245e-005	8.393e-012	0.99835	0.99000
(7)	3362	18640	9135	34816	99944	380910	2ORDR	4.754e-002	2.414e-005	5.222e-012	0.99833	0.99000
(8)	2989	16019	8078	29909	83208	311020	2ORDR	3.8e-002	2.88e-005	1.039e-011	0.99838	0.99000
(9)	5719	33507	16515	62618	166020	575920	2ORDR	3.69e-002	1.382e-005	6.048e-012	0.99837	0.99000
(10)	3615	22065	10723	43474	123740	464480	2ORDR	5.704e-002	1.929e-005	4.565e-012	0.99841	0.99000
Endrin	14976	30134	78106	166580	299650	685350	2ORDR	3.091e-004	2.985e-007	9.632e-014	0.99977	0.99000
4,4'-DDD	9247	19392	53376	120160	223590	538360	2ORDR	9.558e-004	4.199e-007	7.96e-014	0.99976	0.99000
Endosulfan II	13667	27821	69496	143650	261730	605200	2ORDR	-6.99e-005	3.489e-007	1.067e-013	0.99984	0.99000
Endrin Aldehyde	10737	21323	52275	107090	194570	457790	2ORDR	-4.21e-004	4.775e-007	1.528e-013	0.99980	0.99000
Methoxychlor	5459	11979	28668	59116	103810	242340	2ORDR	-5.35e-004	8.747e-007	6.611e-013	0.99959	0.99000
Endosulfan sulfate	6698	14194	37555	78282	156250	391020	2ORDR	6.307e-004	6.348e-007	7.414e-015	0.99998	0.99000
Endrin Ketone	5521	11839	31588	66642	140150	359880	2ORDR	1.173e-003	7.252e-007	-9.46e-014	0.99991	0.99000
Tetrachloro-m-Xylene	20740	39434	92023	181180	305580	669690	2ORDR	-1.08e-003	2.747e-007	1.504e-013	0.99949	0.99000
Decachlorobiphenyl	15862	30716	69964	131880	220570	471610	2ORDR	-1.36e-003	3.674e-007	3.531e-013	0.99950	0.99000

FORM VI SV

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.44 DCB: 19.73

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	6.46	19.74
02		AR1660 0.05P	11/23/05	1646	6.45	19.73
03		AR1660 0.1PP	11/23/05	1714	6.45	19.73
04		AR1660 0.25P	11/23/05	1743	6.45	19.73
05		AR1660 2.5PP	11/23/05	1811	6.44	19.73
06		AR1660 10PPM	11/23/05	1839	6.44	19.72
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.31 DCB: 19.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 0.25P	01/11/06	2331	6.31	19.59
02	WG24196-BLAN	WG24196-1	01/12/06	0124	6.31	19.59
03	WG24196-LCS	WG24196-2	01/12/06	0152	6.31	19.59
04	WG24196-LCSD	WG24196-3	01/12/06	0221	6.31	19.59
05	46GW2001	WV6788-2	01/12/06	0606	6.31	19.59
06	46GW2001D	WV6788-3	01/12/06	0634	6.31	19.59
07	46GW1701	WV6788-4	01/12/06	0703	6.31	19.59
08	46GW1701D	WV6788-5	01/12/06	0731	6.31	19.59
09	46GW1801	WV6788-6	01/12/06	0759	6.31	19.59
10	38GW3S01	WV6788-7	01/12/06	0827	6.31	19.59
11	38GW1S01	WV6788-9	01/12/06	0924	6.31	19.59
12	38GW0501	WV6788-10	01/12/06	0952	6.31	19.58
13	38GW1301	WV6788-11	01/12/06	1020	6.31	19.58
14		AR1660 1.0PP	01/12/06	1049	6.31	19.59
15		AR1660 1.0PP	01/12/06	1426	6.32	19.59
16	WG24196-BLAN	WG24196-1RA	01/12/06	1619	6.31	19.59
17	WG24196-LCS	WG24196-2RA	01/12/06	1647	6.31	19.58
18	WG24196-LCSD	WG24196-3RA	01/12/06	1716	6.31	19.58
19	46GW1901	WV6788-1RA	01/12/06	1744	6.31	19.58
20	38GW1I01	WV6788-8RA	01/12/06	1812	6.31	19.58

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.31 DCB: 19.59

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 0.25P	01/12/06	1909	6.31	19.59
02		AR1660 1.0PP	01/16/06	1117	6.32	19.60
03	38GW3I01	WV6788-12RA	01/16/06	1801	6.31	19.59
04		AR1660 0.25P	01/16/06	1857	6.31	19.59
05						
06						
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09						
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11						
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14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.13 DCB: 18.54

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	11/23/05	1618	5.12	18.54
02		AR1660 0.05P	11/23/05	1646	5.13	18.54
03		AR1660 0.1PP	11/23/05	1714	5.13	18.54
04		AR1660 0.25P	11/23/05	1743	5.13	18.54
05		AR1660 2.5PP	11/23/05	1811	5.13	18.54
06		AR1660 10PPM	11/23/05	1839	5.13	18.54
07		AR1016 1.0PP	11/23/05	1908		
08		AR1260 1.0PP	11/23/05	1936		
09		AR1242 1.0PP	11/23/05	2004		
10		AR1248 1.0PP	11/23/05	2254		
11		AR1254 1.0PP	11/24/05	0144		
12		AR1221 1.0PP	11/24/05	0434		
13		AR1232 1.0PP	11/24/05	0502		
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 5.00 DCB: 18.39					
	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 0.25P	01/11/06	2331	5.00	18.39
02	WG24196-BLAN	WG24196-1	01/12/06	0124	5.00	18.39
03	WG24196-LCS	WG24196-2	01/12/06	0152	5.00	18.38
04	WG24196-LCSD	WG24196-3	01/12/06	0221	5.00	18.38
05	46GW2001	WV6788-2	01/12/06	0606	5.00	18.38
06	46GW2001D	WV6788-3	01/12/06	0634	5.00	18.38
07	46GW1701	WV6788-4	01/12/06	0703	5.00	18.38
08	46GW1701D	WV6788-5	01/12/06	0731	5.00	18.38
09	46GW1801	WV6788-6	01/12/06	0759	5.00	18.38
10	38GW3S01	WV6788-7	01/12/06	0827	5.00	18.38
11	38GW1S01	WV6788-9	01/12/06	0924	5.00	18.38
12	38GW0501	WV6788-10	01/12/06	0952	5.00	18.38
13	38GW1301	WV6788-11	01/12/06	1020	5.00	18.38
14		AR1660 1.0PP	01/12/06	1049	5.00	18.39
15		AR1660 1.0PP	01/12/06	1426	5.01	18.38
16	WG24196-BLAN	WG24196-1RA	01/12/06	1619	5.00	18.38
17	WG24196-LCS	WG24196-2RA	01/12/06	1647	5.00	18.38
18	WG24196-LCSD	WG24196-3RA	01/12/06	1716	5.00	18.38
19	46GW1901	WV6788-1RA	01/12/06	1744	5.00	18.38
20	38GW1I01	WV6788-8RA	01/12/06	1812	5.00	18.38

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 11/23/05 11/24/05

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.00 DCB: 18.39

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 0.25P	01/12/06	1909	5.00	18.39
02		AR1660 1.0PP	01/16/06	1117	5.01	18.39
03	38GW3I01	WV6788-12RA	01/16/06	1801	5.00	18.38
04		AR1660 0.25P	01/16/06	1857	5.00	18.39
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19						
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QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.15 DCB: 19.39

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	6.15	19.39
02		AR1660 0.05P	01/19/06	1342	6.14	19.39
03		AR1660 0.1PP	01/19/06	1410	6.14	19.39
04		AR1660 0.25P	01/19/06	1439	6.14	19.37
05		AR1660 2.5PP	01/19/06	1507	6.14	19.38
06		AR1660 10PPM	01/19/06	1535	6.14	19.37
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14		AR1660 0.25P	01/20/06	2251	6.14	19.38
15	WG24737-BLAN	WG24737-1	01/20/06	2319	6.14	19.37
16	WG24737-LCS	WG24737-2	01/20/06	2348	6.14	19.37
17	46GW2001	WV6788-2RE	01/21/06	0306	6.14	19.37
18	46GW2001D	WV6788-3RE	01/21/06	0334	6.14	19.37
19	46GW1701	WV6788-4RE	01/21/06	0403	6.14	19.37
20	46GW1701D	WV6788-5RE	01/21/06	0431	6.14	19.37

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.15 DCB: 19.39

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	46GW1801	WV6788-6RE	01/21/06	0459	6.14	19.37
02	38GW3S01	WV6788-7RE	01/21/06	0528	6.14	19.37
03	38GW1S01	WV6788-9RE	01/21/06	0556	6.14	19.37
04	38GW0501	WV6788-10RE	01/21/06	0624	6.14	19.37
05	38GW1301	WV6788-11RE	01/21/06	0653	6.14	19.37
06		AR1660 1.0PP	01/21/06	1103	6.16	19.39
07	WG24737-BLAN	WG24737-1RA	01/21/06	1144	6.16	19.39
08	WG24737-LCS	WG24737-2RA	01/21/06	1212	6.15	19.38
09	46GW1901	WV6788-1RE	01/21/06	1434	6.15	19.37
10	38GW1I01	WV6788-8RE	01/21/06	1502	6.13	19.37
11	38GW3I01	WV6788-12RE	01/21/06	1530	6.14	19.37
12		AR1660 0.25P	01/21/06	2014	6.14	19.38
13						
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19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01		AR1660 1.0PP	01/19/06	1313	4.96	18.35
02		AR1660 0.05P	01/19/06	1342	4.96	18.35
03		AR1660 0.1PP	01/19/06	1410	4.96	18.35
04		AR1660 0.25P	01/19/06	1439	4.97	18.35
05		AR1660 2.5PP	01/19/06	1507	4.96	18.35
06		AR1660 10PPM	01/19/06	1535	4.96	18.34
07		AR1016 1.0PP	01/19/06	1604		
08		AR1260 1.0PP	01/19/06	1632		
09		AR1242 1.0PP	01/19/06	1700		
10		AR1254 1.0PP	01/19/06	1921		
11		AR1248 1.0PP	01/19/06	1949		
12		AR1221 1.0PP	01/20/06	0129		
13		AR1232 1.0PP	01/20/06	0157		
14		AR1660 0.25P	01/20/06	2251	4.96	18.34
15	WG24737-BLAN	WG24737-1	01/20/06	2319	4.96	18.34
16	WG24737-LCS	WG24737-2	01/20/06	2348	4.96	18.34
17	46GW2001	WV6788-2RE	01/21/06	0306	4.96	18.34
18	46GW2001D	WV6788-3RE	01/21/06	0334	4.96	18.34
19	46GW1701	WV6788-4RE	01/21/06	0403	4.96	18.34
20	46GW1701D	WV6788-5RE	01/21/06	0431	4.96	18.34

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 01/19/06 01/20/06

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 4.96 DCB: 18.34

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	46GW1801	WV6788-6RE	01/21/06	0459	4.96	18.34
02	38GW3S01	WV6788-7RE	01/21/06	0528	4.96	18.34
03	38GW1S01	WV6788-9RE	01/21/06	0556	4.96	18.34
04	38GW0501	WV6788-10RE	01/21/06	0624	4.96	18.34
05	38GW1301	WV6788-11RE	01/21/06	0653	4.96	18.34
06		AR1660 1.0PP	01/21/06	1103	4.96	18.35
07	WG24737-BLAN	WG24737-1RA	01/21/06	1144	4.96	18.34
08	WG24737-LCS	WG24737-2RA	01/21/06	1212	4.97	18.34
09	46GW1901	WV6788-1RE	01/21/06	1434	4.96	18.34
10	38GW1I01	WV6788-8RE	01/21/06	1502	4.96	18.34
11	38GW3I01	WV6788-12RE	01/21/06	1530	4.96	18.34
12		AR1660 0.25P	01/21/06	2014	4.96	18.34
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date(s): 11/23/05 11/24/05

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1618 0559

LAB FILE ID: RF0.05: 6VK3170 RF0.1: 6VK3171 RF0.25: 6VK3172
RF1: 6VK3178 RF2.5: 6VK3173 RF10: 6VK3174

							COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	1008	1991	4774	17632	40908	131080	2ORDR	-6.94e-003	5.434e-005	1.678e-010	1.00000	0.99000	
(2)	2362	4546	10750	41293	92830	304640	2ORDR	-1.22e-002	2.421e-005	2.842e-011	0.99998	0.99000	
(3)	1216	2377	5696	21309	49152	159300	2ORDR	-8.13e-003	4.555e-005	1.084e-010	1.00000	0.99000	
(4)	722	1432	3482	13877	33180	112340	2ORDR	1.172e-003	6.959e-005	1.728e-010	1.00000	0.99000	
(5)	800	1563	3735	13034	29685	93300	2ORDR	-1.44e-002	7.377e-005	3.598e-010	0.99999	0.99000	
Aroclor-1221				3301			2ORDR	0.00000000	3.029e-004	0.00000000	1.00000	0.99000	<
(2)				7686			2ORDR	0.00000000	1.301e-004	0.00000000	1.00000	0.99000	<
(3)				5624			2ORDR	0.00000000	1.778e-004	0.00000000	1.00000	0.99000	<
(4)				17610			2ORDR	0.00000000	5.679e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				4865			2ORDR	0.00000000	2.055e-004	0.00000000	1.00000	0.99000	<
(2)				14640			2ORDR	0.00000000	6.831e-005	0.00000000	1.00000	0.99000	<
(3)				9312			2ORDR	0.00000000	1.074e-004	0.00000000	1.00000	0.99000	<
(4)				7887			2ORDR	0.00000000	1.268e-004	0.00000000	1.00000	0.99000	<
(5)				16735			2ORDR	0.00000000	5.976e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1026	2017	4580	16012	35851	113600	2ORDR	-2.07e-002	6.141e-005	2.36e-010	0.99998	0.99000	
(2)	793	1590	3717	13823	31979	105340	2ORDR	-1.06e-002	7.092e-005	2.289e-010	0.99999	0.99000	
(3)	1761	3482	8171	30691	71569	240970	2ORDR	-1.02e-002	3.218e-005	3.887e-011	0.99999	0.99000	
(4)	921	1843	4353	16434	37883	127640	2ORDR	-1.15e-002	6.068e-005	1.392e-010	0.99999	0.99000	
(5)	576	1116	2712	10569	25419	89845	2ORDR	-3.73e-003	9.329e-005	2.01e-010	1.00000	0.99000	
Aroclor-1248	1090	2135	5270	20282	45723	155830	2ORDR	-1.3e-002	5.034e-005	8.937e-011	0.99996	0.99000	
(2)	993	1964	4881	19563	45588	159740	2ORDR	-4.98e-003	5.144e-005	7.009e-011	0.99999	0.99000	
(3)	1065	2074	5204	21337	49702	178670	2ORDR	-4.65e-003	4.775e-005	4.616e-011	0.99998	0.99000	
(4)	1284	2514	6199	24416	56158	199780	2ORDR	-1.07e-002	4.207e-005	4.028e-011	0.99997	0.99000	
(5)	765	1564	3960	17611	42753	163510	2ORDR	7.036e-003	5.707e-005	2.473e-011	0.99999	0.99000	
Aroclor-1254	1902	3677	8593	30202	71884	235460	2ORDR	-1.11e-002	3.167e-005	4.605e-011	0.99999	0.99000	
(2)	950	1908	4818	18474	46368	161370	2ORDR	5.935e-003	5.093e-005	6.813e-011	0.99998	0.99000	
(3)	1731	3432	8436	31555	78482	270560	2ORDR	1.456e-003	2.997e-005	2.582e-011	0.99999	0.99000	
(4)	1396	2745	6725	24732	62011	219810	2ORDR	-1.07e-003	3.857e-005	3.151e-011	0.99999	0.99000	
(5)	951	1883	4819	18060	45517	164200	2ORDR	2.263e-003	5.292e-005	4.853e-011	0.99999	0.99000	
Aroclor-1260	1084	2191	5334	20259	47206	154720	2ORDR	-4.79e-003	4.781e-005	1.089e-010	1.00000	0.99000	
(2)	1035	2079	5208	20731	48024	163560	2ORDR	-3.85e-003	4.8e-005	8.053e-011	0.99999	0.99000	
(3)	2120	4169	10255	44149	97577	350220	2ORDR	-9.67e-003	2.405e-005	1.296e-011	0.99990	0.99000	
(4)	1050	2063	5139	23115	51785	182790	2ORDR	-1.68e-003	4.491e-005	5.371e-011	0.99993	0.99000	
(5)	540	1091	2718	11543	25990	91046	2ORDR	-5.15e-003	8.943e-005	2.249e-010	0.99994	0.99000	
Tetrachloro-m-xylene	669	1393	3684	14543	38309	133950	2ORDR	3.838e-004	1.238e-006	1.881e-012	0.99994	0.99000	
Decachlorobiphenyl	640	1264	3073	11227	25958	83745	2ORDR	-1.77e-004	1.721e-006	7.991e-012	1.00000	0.99000	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1908

Lab File ID: 6VK3155 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1510000	1.0000000	20065.000	0.01	15.10	15.00	2RDR	<-
(2)	1.1315000	1.0000000	44876.000	0.01	13.15	15.00	2RDR	
(3)	1.1438000	1.0000000	23925.000	0.01	14.38	15.00	2RDR	
(4)	1.1366000	1.0000000	15704.000	0.01	13.66	15.00	2RDR	
(5)	1.0940000	1.0000000	14060.000	0.01	9.40	15.00	2RDR	
Average %D: 13.140								

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 11/23/05 Time: 1936

Lab File ID: 6VK3156 Init. Calib. Date(s): 11/23/05 11/24/05

Init. Calib. Times: 1618 0559

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1126000	1.0000000	22244.000	0.01	11.26	15.00	2RDR
(2)	1.0917000	1.0000000	22013.000	0.01	9.17	15.00	2RDR
(3)	1.0684000	1.0000000	43798.000	0.01	6.84	15.00	2RDR
(4)	1.0619000	1.0000000	23049.000	0.01	6.19	15.00	2RDR
(5)	1.0851000	1.0000000	11838.000	0.01	8.51	15.00	2RDR
Average %D: 8.3900							

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA3022 RF0.1: 6WA3023 RF0.25: 6WA3024
RF1: 6WA3030 RF2.5: 6WA3025 RF10: 6WA3026

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	1261	2411	5714	20093	44120	143490	2ORDR	-2.51e-002	5.066e-005	1.339e-010	0.99995	0.99000	
(2)	3307	6138	14309	49100	106580	340770	2ORDR	-2.94e-002	2.071e-005	2.562e-011	0.99994	0.99000	
(3)	1655	3133	7278	25128	54870	175990	2ORDR	-2.78e-002	4.034e-005	9.46e-011	0.99995	0.99000	
(4)	1097	2120	4726	16806	37357	124460	2ORDR	-2.7e-002	6.108e-005	1.567e-010	0.99995	0.99000	
(5)	1070	2020	4715	15452	32731	102290	2ORDR	-3.61e-002	6.597e-005	3.146e-010	0.99990	0.99000	
Aroclor-1221				3691			2ORDR	0.00000000	2.709e-004	0.00000000	1.00000	0.99000	<
(2)				9076			2ORDR	0.00000000	1.102e-004	0.00000000	1.00000	0.99000	<
(3)				6625			2ORDR	0.00000000	1.509e-004	0.00000000	1.00000	0.99000	<
(4)				20515			2ORDR	0.00000000	4.874e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				5706			2ORDR	0.00000000	1.753e-004	0.00000000	1.00000	0.99000	<
(2)				16935			2ORDR	0.00000000	5.905e-005	0.00000000	1.00000	0.99000	<
(3)				10754			2ORDR	0.00000000	9.299e-005	0.00000000	1.00000	0.99000	<
(4)				9186			2ORDR	0.00000000	1.089e-004	0.00000000	1.00000	0.99000	<
(5)				22275			2ORDR	0.00000000	4.489e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	1244	2396	5320	18366	40245	125100	2ORDR	-2.52e-002	5.37e-005	2.114e-010	0.99997	0.99000	
(2)	992	1943	4388	15868	35631	114130	2ORDR	-1.8e-002	6.224e-005	2.239e-010	0.99998	0.99000	
(3)	2589	4929	11060	38692	86280	271590	2ORDR	-2.17e-002	2.538e-005	4.244e-011	0.99998	0.99000	
(4)	1297	2501	5625	19754	44350	140040	2ORDR	-2.e-002	4.954e-005	1.572e-010	0.99998	0.99000	
(5)	1256	1910	3825	13155	30419	99230	2ORDR	-3.2e-002	7.514e-005	2.617e-010	0.99998	0.99000	
Aroclor-1248	1559	2993	6775	22884	52469	171780	2ORDR	-2.44e-002	4.33e-005	8.766e-011	0.99998	0.99000	
(2)	1409	2722	6323	22416	52677	177620	2ORDR	-1.58e-002	4.398e-005	6.99e-011	0.99999	0.99000	
(3)	1879	3588	8139	27658	63219	208410	2ORDR	-2.51e-002	3.608e-005	5.769e-011	0.99998	0.99000	
(4)	2057	3901	8893	30013	68875	227190	2ORDR	-2.5e-002	3.316e-005	4.826e-011	0.99998	0.99000	
(5)	1435	2763	6515	23833	56803	194500	2ORDR	-1.05e-002	4.115e-005	5.305e-011	1.00000	0.99000	
Aroclor-1254	2716	4713	10882	37621	82077	256910	2ORDR	-2.67e-002	2.647e-005	4.892e-011	0.99996	0.99000	
(2)	1481	2680	6467	24340	55237	180250	2ORDR	-1.21e-002	4.064e-005	8.272e-011	0.99999	0.99000	
(3)	2731	4898	11668	42765	95502	306060	2ORDR	-1.66e-002	2.317e-005	3.123e-011	0.99998	0.99000	
(4)	2471	4503	10491	38097	84331	271030	2ORDR	-2.03e-002	2.629e-005	3.944e-011	0.99997	0.99000	
(5)	1542	2884	6913	26564	61904	203820	2ORDR	-5.84e-003	3.66e-005	6.129e-011	1.00000	0.99000	
Aroclor-1260	1653	3100	7292	25043	54854	178230	2ORDR	-2.89e-002	4.078e-005	8.696e-011	0.99994	0.99000	
(2)	1552	2924	7062	24931	56153	185040	2ORDR	-2.07e-002	4.034e-005	7.471e-011	0.99997	0.99000	
(3)	3414	6279	15064	53652	121210	408540	2ORDR	-2.22e-002	1.898e-005	1.359e-011	0.99997	0.99000	
(4)	1732	3215	8001	29011	65755	220740	2ORDR	-1.73e-002	3.483e-005	4.78e-011	0.99997	0.99000	
(5)	904	1701	4252	15233	34457	115610	2ORDR	-1.85e-002	6.646e-005	1.748e-010	0.99997	0.99000	
Tetrachloro-m-xylene	927	1802	4396	17512	39796	127580	2ORDR	-5.64e-005	1.109e-006	3.603e-012	0.99999	0.99000	
Decachlorobiphenyl	873	1698	4226	14313	31521	98582	2ORDR	-4.28e-004	1.376e-006	6.673e-012	0.99997	0.99000	

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date(s): 01/19/06 01/20/06

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1313 0253

LAB FILE ID: RF0.05: 6WA4022 RF0.1: 6WA4023 RF0.25: 6WA4024
RF1: 6WA4030 RF2.5: 6WA4025 RF10: 6WA4026

								COEFFICENTS			%RSD	MAX %RSD	
COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	A0	A1	A2	OR R^2	OR R^2	
Aroclor-1016	5195	9616	22068	76142	157120	489630	2ORDR	-3.55e-002	1.359e-005	1.413e-011	0.99986	0.99000	
(2)	2234	4326	9716	34352	73712	229900	2ORDR	-2.61e-002	2.921e-005	6.267e-011	0.99994	0.99000	
(3)	8705	16346	37006	133000	283240	883350	2ORDR	-2.57e-002	7.582e-006	4.268e-012	0.99993	0.99000	
(4)	3666	7089	15614	55910	119460	375580	2ORDR	-2.74e-002	1.813e-005	2.282e-011	0.99993	0.99000	
(5)	2668	5226	11756	44193	96554	310160	2ORDR	-1.93e-002	2.285e-005	3.05e-011	0.99995	0.99000	
Aroclor-1221				6820			2ORDR	0.00000000	1.466e-004	0.00000000	1.00000	0.99000	<
(2)				24882			2ORDR	0.00000000	4.019e-005	0.00000000	1.00000	0.99000	<
(3)				48199			2ORDR	0.00000000	2.075e-005	0.00000000	1.00000	0.99000	<
(4)				11602			2ORDR	0.00000000	8.619e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				41389			2ORDR	0.00000000	2.416e-005	0.00000000	1.00000	0.99000	<
(2)				36577			2ORDR	0.00000000	2.734e-005	0.00000000	1.00000	0.99000	<
(3)				58825			2ORDR	0.00000000	1.7e-005	0.00000000	1.00000	0.99000	<
(4)				25739			2ORDR	0.00000000	3.885e-005	0.00000000	1.00000	0.99000	<
(5)				23092			2ORDR	0.00000000	4.331e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	4160	7744	17312	58888	134390	408180	2ORDR	-1.63e-002	1.588e-005	2.121e-011	0.99999	0.99000	
(2)	6861	12710	28921	103810	228150	702470	2ORDR	-1.85e-002	9.369e-006	6.967e-012	0.99998	0.99000	
(3)	3031	5404	12534	44353	97740	301660	2ORDR	-1.96e-002	2.195e-005	3.737e-011	0.99998	0.99000	
(4)	2345	4003	9518	32883	71555	217660	2ORDR	-2.22e-002	2.953e-005	7.591e-011	0.99997	0.99000	
(5)	2791	5180	12196	43569	95737	298480	2ORDR	-1.9e-002	2.256e-005	3.69e-011	0.99997	0.99000	
Aroclor-1248	4307	8169	18797	62078	142180	455450	2ORDR	-2.41e-002	1.574e-005	1.378e-011	0.99998	0.99000	
(2)	2657	5115	12346	42421	98310	322420	2ORDR	-1.74e-002	2.31e-005	2.472e-011	0.99999	0.99000	
(3)	4398	8309	19486	66906	152750	502190	2ORDR	-2.23e-002	1.488e-005	1.012e-011	0.99998	0.99000	
(4)	3833	7248	17243	59545	137140	452410	2ORDR	-1.96e-002	1.662e-005	1.222e-011	0.99998	0.99000	
(5)	3757	7181	17508	61874	147920	495910	2ORDR	-1.02e-002	1.562e-005	9.206e-012	0.99999	0.99000	
Aroclor-1254	1906	3164	8290	31030	65558	197630	2ORDR	-1.34e-002	3.145e-005	9.728e-011	0.99994	0.99000	
(2)	1867	3279	8403	32609	71247	223040	2ORDR	-8.95e-003	3.016e-005	6.599e-011	0.99996	0.99000	
(3)	3565	6372	15707	58793	132390	416980	2ORDR	-9.41e-003	1.647e-005	1.808e-011	0.99999	0.99000	
(4)	6642	11899	28313	102850	230970	719350	2ORDR	-1.32e-002	9.372e-006	6.323e-012	0.99999	0.99000	
(5)	6540	11818	27639	99792	219880	690130	2ORDR	-1.89e-002	9.884e-006	6.717e-012	0.99997	0.99000	
Aroclor-1260	5462	10093	24535	87883	193950	623480	2ORDR	-2.01e-002	1.142e-005	7.472e-012	0.99996	0.99000	
(2)	4553	8257	20336	72411	157380	508600	2ORDR	-2.39e-002	1.409e-005	1.106e-011	0.99994	0.99000	
(3)	9266	16479	40574	145090	327740	1001100	2ORDR	-9.84e-003	6.496e-006	3.499e-012	1.00000	0.99000	
(4)	5129	9279	23182	82607	184250	597500	2ORDR	-1.88e-002	1.212e-005	7.788e-012	0.99997	0.99000	
(5)	2261	4348	10599	38590	88506	287780	2ORDR	-1.18e-002	2.537e-005	3.276e-011	0.99999	0.99000	
Tetrachloro-m-xylene	2933	5713	13793	53874	116660	368070	2ORDR	-2.33e-004	3.703e-007	4.723e-013	0.99995	0.99000	
Decachlorobiphenyl	2037	3806	9280	32356	70081	216290	2ORDR	-4.23e-004	6.09e-007	1.469e-012	0.99996	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA3008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1270000	1.0000000	26811.000	0.01	12.70	15.00	2RDR
(2)	1.1132000	1.0000000	26780.000	0.01	11.32	15.00	2RDR
(3)	1.1214000	1.0000000	57849.000	0.01	12.14	15.00	2RDR
(4)	1.1062000	1.0000000	30940.000	0.01	10.62	15.00	2RDR
(5)	1.1156000	1.0000000	16361.000	0.01	11.56	15.00	2RDR
Average %D: 11.670							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/19/06 Time: 1632

Lab File ID: 6WA4008 Init. Calib. Date(s): 01/19/06 01/20/06

Init. Calib. Times: 1313 0253

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.1110000	1.0000000	93382.000	0.01	11.10	15.00	2RDR
(2)	1.1272000	1.0000000	77054.000	0.01	12.72	15.00	2RDR
(3)	1.0851000	1.0000000	155540.00	0.01	8.51	15.00	2RDR
(4)	1.1124000	1.0000000	88344.000	0.01	11.24	15.00	2RDR
(5)	1.1068000	1.0000000	41838.000	0.01	10.68	15.00	2RDR
Average %D: 10.850							

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 2331

Lab File ID: 6WA1128 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2400600	0.2500000	17932.000	0.01	-3.98	15.00	2RDR	
(2)	0.1998500	0.2500000	34684.000	0.01	-20.06	15.00	2RDR	<-
(3)	0.2215000	0.2500000	19928.000	0.01	-11.40	15.00	2RDR	
(4)	0.2311500	0.2500000	13112.000	0.01	-7.54	15.00	2RDR	
(5)	0.2626800	0.2500000	14756.000	0.01	5.07	15.00	2RDR	
Average %D: -7.600								
Aroclor-1260	0.2294100	0.2500000	19380.000	0.01	-8.24	15.00	2RDR	
(2)	0.2055800	0.2500000	17328.000	0.01	-17.77	15.00	2RDR	<-
(3)	0.1690500	0.2500000	29612.000	0.01	-32.38	15.00	2RDR	<-
(4)	0.1612200	0.2500000	14448.000	0.01	-35.51	15.00	2RDR	<-
(5)	0.1836500	0.2500000	8400.0000	0.01	-26.54	15.00	2RDR	<-
Average %D: -24.08						24.09		
Tetrachloro-m-xylene	5.26e-003	5.e-003	783800.00	0.01	5.20	15.00	2RDR	<-
Decachlorobiphenyl	5.04e-003	5.e-003	598000.00	0.01	0.80	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/11/06 Time: 2331

Lab File ID: 6WA2128 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2829100	0.2500000	87660.000	0.01	13.16	15.00	2RDR	
(2)	0.2955900	0.2500000	39412.000	0.01	18.24	15.00	2RDR	<-
(3)	0.2454800	0.2500000	132710.00	0.01	-1.81	15.00	2RDR	
(4)	0.2628500	0.2500000	58804.000	0.01	5.14	15.00	2RDR	
(5)	0.2526000	0.2500000	43856.000	0.01	1.04	15.00	2RDR	
Average %D: 7.1600								
Aroclor-1260	0.2307700	0.2500000	80504.000	0.01	-7.69	15.00	2RDR	
(2)	0.2399400	0.2500000	66952.000	0.01	-4.02	15.00	2RDR	
(3)	0.2332800	0.2500000	124380.00	0.01	-6.69	15.00	2RDR	
(4)	0.2405700	0.2500000	74556.000	0.01	-3.77	15.00	2RDR	
(5)	0.2359700	0.2500000	32716.000	0.01	-5.61	15.00	2RDR	
Average %D: -5.560								
Tetrachloro-m-xylene	5.79e-003	5.e-003	2884800.0	0.01	15.80	15.00	2RDR	<-
Decachlorobiphenyl	5.46e-003	5.e-003	1636800.0	0.01	9.20	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1049

Lab File ID: 6WA1152 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9401600	1.0000000	16579.000	0.01	-5.98	15.00	2RDR	
(2)	0.8017300	1.0000000	32388.000	0.01	-19.83	15.00	2RDR	<-
(3)	0.8768600	1.0000000	18604.000	0.01	-12.31	15.00	2RDR	
(4)	0.8891200	1.0000000	12379.000	0.01	-11.09	15.00	2RDR	
(5)	1.0036000	1.0000000	12977.000	0.01	0.36	15.00	2RDR	
Average %D: -9.770								
Aroclor-1260	0.9315300	1.0000000	18780.000	0.01	-6.85	15.00	2RDR	
(2)	0.8807800	1.0000000	17894.000	0.01	-11.92	15.00	2RDR	
(3)	0.7597300	1.0000000	31463.000	0.01	-24.03	15.00	2RDR	<-
(4)	0.7258200	1.0000000	15898.000	0.01	-27.42	15.00	2RDR	<-
(5)	0.7921700	1.0000000	8724.0000	0.01	-20.78	15.00	2RDR	<-
Average %D: -18.20						18.2		
Tetrachloro-m-xylene	2.01e-002	2.e-002	776950.00	0.01	0.50	15.00	2RDR	
Decachlorobiphenyl	2.03e-002	2.e-002	564750.00	0.01	1.50	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1049

Lab File ID: 6WA2152 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0806000	1.0000000	73871.000	0.01	8.06	15.00	2RDR
(2)	1.1024000	1.0000000	33337.000	0.01	10.24	15.00	2RDR
(3)	0.9615400	1.0000000	115420.00	0.01	-3.85	15.00	2RDR
(4)	0.9981100	1.0000000	50221.000	0.01	-0.19	15.00	2RDR
(5)	0.9783400	1.0000000	38998.000	0.01	-2.17	15.00	2RDR
Average %D: 2.4200							
Aroclor-1260	0.9411000	1.0000000	74365.000	0.01	-5.89	15.00	2RDR
(2)	0.9988500	1.0000000	63337.000	0.01	-0.12	15.00	2RDR
(3)	0.9827700	1.0000000	119490.00	0.01	-1.72	15.00	2RDR
(4)	1.0006000	1.0000000	70691.000	0.01	0.06	15.00	2RDR
(5)	0.9935500	1.0000000	31776.000	0.01	-0.64	15.00	2RDR
Average %D: -1.660							
Tetrachloro-m-xylene	2.2e-002	2.e-002	2630300.0	0.01	10.00	15.00	2RDR
Decachlorobiphenyl	2.16e-002	2.e-002	1473600.0	0.01	8.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1426

Lab File ID: 6WA2157 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9353100	1.0000000	64842.000	0.01	-6.47	15.00	2RDR	
(2)	0.9192800	1.0000000	28205.000	0.01	-8.07	15.00	2RDR	
(3)	0.9172200	1.0000000	110540.00	0.01	-8.28	15.00	2RDR	
(4)	0.8853000	1.0000000	44970.000	0.01	-11.47	15.00	2RDR	
(5)	0.8904200	1.0000000	35706.000	0.01	-10.96	15.00	2RDR	
Average %D: -9.050								
Aroclor-1260	0.8226400	1.0000000	65554.000	0.01	-17.74	15.00	2RDR	<-
(2)	0.8660400	1.0000000	55404.000	0.01	-13.40	15.00	2RDR	
(3)	0.9519200	1.0000000	115950.00	0.01	-4.81	15.00	2RDR	
(4)	0.9288700	1.0000000	65900.000	0.01	-7.11	15.00	2RDR	
(5)	0.9908500	1.0000000	31694.000	0.01	-0.92	15.00	2RDR	
Average %D: -8.790								
Tetrachloro-m-xylene	1.8e-002	2.e-002	2178400.0	0.01	-10.00	15.00	2RDR	
Decachlorobiphenyl	1.93e-002	2.e-002	1326300.0	0.01	-3.50	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1426

Lab File ID: 6WA1157 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9140200	1.0000000	16142.000	0.01	-8.60	15.00	2RDR
(2)	0.9425000	1.0000000	37760.000	0.01	-5.75	15.00	2RDR
(3)	0.8953200	1.0000000	18976.000	0.01	-10.47	15.00	2RDR
(4)	0.8894100	1.0000000	12383.000	0.01	-11.06	15.00	2RDR
(5)	0.8893900	1.0000000	11595.000	0.01	-11.06	15.00	2RDR
Average %D: -9.390							
Aroclor-1260	0.9190200	1.0000000	18539.000	0.01	-8.10	15.00	2RDR
(2)	0.8776800	1.0000000	17833.000	0.01	-12.23	15.00	2RDR
(3)	0.9884600	1.0000000	40619.000	0.01	-1.15	15.00	2RDR
(4)	0.9541100	1.0000000	20768.000	0.01	-4.59	15.00	2RDR
(5)	1.0457000	1.0000000	11422.000	0.01	4.57	15.00	2RDR
Average %D: -4.300							
Tetrachloro-m-xylene	1.91e-002	2.e-002	738700.00	0.01	-4.50	15.00	2RDR
Decachlorobiphenyl	2.14e-002	2.e-002	593750.00	0.01	7.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1909

Lab File ID: 6WA1167 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2455900	0.2500000	18328.000	0.01	-1.76	15.00	2RDR	
(2)	0.2328500	0.2500000	40020.000	0.01	-6.86	15.00	2RDR	
(3)	0.2459200	0.2500000	22020.000	0.01	-1.63	15.00	2RDR	
(4)	0.2645700	0.2500000	15000.000	0.01	5.83	15.00	2RDR	
(5)	0.2638200	0.2500000	14816.000	0.01	5.53	15.00	2RDR	
Average %D: 0.2400								
Aroclor-1260	0.2792200	0.2500000	23448.000	0.01	11.69	15.00	2RDR	
(2)	0.2786100	0.2500000	23312.000	0.01	11.44	15.00	2RDR	
(3)	0.2689400	0.2500000	46060.000	0.01	7.58	15.00	2RDR	
(4)	0.2817700	0.2500000	25060.000	0.01	12.71	15.00	2RDR	
(5)	0.3595500	0.2500000	16148.000	0.01	43.82	15.00	2RDR	<-
Average %D: 17.440								
Tetrachloro-m-xylene	5.15e-003	5.e-003	765800.00	0.01	3.00	15.00	2RDR	<-
Decachlorobiphenyl	5.79e-003	5.e-003	682000.00	0.01	15.80	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/12/06 Time: 1909

Lab File ID: 6WA2167 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2719100	0.2500000	84616.000	0.01	8.76	15.00	2RDR	
(2)	0.2736800	0.2500000	36724.000	0.01	9.47	15.00	2RDR	
(3)	0.2640900	0.2500000	141670.00	0.01	5.64	15.00	2RDR	
(4)	0.2565600	0.2500000	57532.000	0.01	2.62	15.00	2RDR	
(5)	0.2279200	0.2500000	39896.000	0.01	-8.83	15.00	2RDR	
Average %D: 3.5200								
Aroclor-1260	0.2742200	0.2500000	94180.000	0.01	9.69	15.00	2RDR	
(2)	0.2771600	0.2500000	76396.000	0.01	10.86	15.00	2RDR	
(3)	0.2737700	0.2500000	144040.00	0.01	9.51	15.00	2RDR	
(4)	0.2884800	0.2500000	88032.000	0.01	15.39	15.00	2RDR	<-
(5)	0.2704700	0.2500000	37128.000	0.01	8.19	15.00	2RDR	
Average %D: 10.720								
Tetrachloro-m-xylene	5.47e-003	5.e-003	2724200.0	0.01	9.40	15.00	2RDR	<-
Decachlorobiphenyl	5.45e-003	5.e-003	1635200.0	0.01	9.00	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/16/06 Time: 1117

Lab File ID: 6WA1172 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.9613900	1.0000000	16933.000	0.01	-3.86	15.00	2RDR	
(2)	0.8705700	1.0000000	35023.000	0.01	-12.94	15.00	2RDR	
(3)	0.9086900	1.0000000	19245.000	0.01	-9.13	15.00	2RDR	
(4)	0.9082600	1.0000000	12638.000	0.01	-9.17	15.00	2RDR	
(5)	0.9995700	1.0000000	12929.000	0.01	-0.04	15.00	2RDR	
Average %D: -7.030								
Aroclor-1260	0.9481500	1.0000000	19100.000	0.01	-5.18	15.00	2RDR	
(2)	0.9220000	1.0000000	18703.000	0.01	-7.80	15.00	2RDR	
(3)	0.8487500	1.0000000	35037.000	0.01	-15.12	15.00	2RDR	<-
(4)	0.8213800	1.0000000	17943.000	0.01	-17.86	15.00	2RDR	<-
(5)	0.8840600	1.0000000	9706.0000	0.01	-11.59	15.00	2RDR	
Average %D: -11.51								
Tetrachloro-m-xylene	1.98e-002	2.e-002	768150.00	0.01	-1.00	15.00	2RDR	
Decachlorobiphenyl	2.02e-002	2.e-002	563450.00	0.01	1.00	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/16/06 Time: 1117

Lab File ID: 6WA2172 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0208000	1.0000000	70175.000	0.01	2.08	15.00	2RDR
(2)	1.0543000	1.0000000	31999.000	0.01	5.43	15.00	2RDR
(3)	0.9546700	1.0000000	114660.00	0.01	-4.53	15.00	2RDR
(4)	0.9786100	1.0000000	49318.000	0.01	-2.14	15.00	2RDR
(5)	0.9657100	1.0000000	38527.000	0.01	-3.43	15.00	2RDR
Average %D: -0.520							
Aroclor-1260	0.9262600	1.0000000	73266.000	0.01	-7.37	15.00	2RDR
(2)	0.9635500	1.0000000	61237.000	0.01	-3.64	15.00	2RDR
(3)	0.9729100	1.0000000	118360.00	0.01	-2.71	15.00	2RDR
(4)	0.9581200	1.0000000	67857.000	0.01	-4.19	15.00	2RDR
(5)	0.9629600	1.0000000	30847.000	0.01	-3.70	15.00	2RDR
Average %D: -4.320							
Tetrachloro-m-xylene	2.03e-002	2.e-002	2432600.0	0.01	1.50	15.00	2RDR
Decachlorobiphenyl	1.95e-002	2.e-002	1342400.0	0.01	-2.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/16/06 Time: 1857

Lab File ID: 6WA1188 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2401100	0.2500000	17936.000	0.01	-3.96	15.00	2RDR	
(2)	0.2051600	0.2500000	35544.000	0.01	-17.94	15.00	2RDR	<-
(3)	0.2248100	0.2500000	20212.000	0.01	-10.08	15.00	2RDR	
(4)	0.2283200	0.2500000	12952.000	0.01	-8.67	15.00	2RDR	
(5)	0.2522100	0.2500000	14208.000	0.01	0.88	15.00	2RDR	
Average %D: -7.960								
Aroclor-1260	0.2211600	0.2500000	18704.000	0.01	-11.54	15.00	2RDR	
(2)	0.2079200	0.2500000	17520.000	0.01	-16.83	15.00	2RDR	<-
(3)	0.2033500	0.2500000	35268.000	0.01	-18.66	15.00	2RDR	<-
(4)	0.1935900	0.2500000	17304.000	0.01	-22.56	15.00	2RDR	<-
(5)	0.2103300	0.2500000	9580.0000	0.01	-15.87	15.00	2RDR	<-
Average %D: -17.08						17.1		
Tetrachloro-m-xylene	4.95e-003	5.e-003	734200.00	0.01	-1.00	15.00	2RDR	<-
Decachlorobiphenyl	5.66e-003	5.e-003	668400.00	0.01	13.20	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/16/06 Time: 1857

Lab File ID: 6WA2188 Init. Calib. Date(s): 11/23/05 11/23/05

Init. Calib. Times: 1618 1839

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2792200	0.2500000	86640.000	0.01	11.69	15.00	2RDR	
(2)	0.3023200	0.2500000	40236.000	0.01	20.93	15.00	2RDR	<-
(3)	0.2489300	0.2500000	134370.00	0.01	-0.43	15.00	2RDR	
(4)	0.2625500	0.2500000	58744.000	0.01	5.02	15.00	2RDR	
(5)	0.2553500	0.2500000	44296.000	0.01	2.14	15.00	2RDR	
Average %D: 7.8800								
Aroclor-1260	0.2288300	0.2500000	79892.000	0.01	-8.47	15.00	2RDR	
(2)	0.2308500	0.2500000	64640.000	0.01	-7.66	15.00	2RDR	
(3)	0.2414500	0.2500000	128360.00	0.01	-3.42	15.00	2RDR	
(4)	0.2260700	0.2500000	70468.000	0.01	-9.57	15.00	2RDR	
(5)	0.2113100	0.2500000	29556.000	0.01	-15.48	15.00	2RDR	<-
Average %D: -8.920								
Tetrachloro-m-xylene	5.59e-003	5.e-003	2785800.0	0.01	11.80	15.00	2RDR	<-
Decachlorobiphenyl	4.13e-003	5.e-003	1271000.0	0.01	-17.40	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 2251

Lab File ID: 6WA3072 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2693900	0.2500000	22904.000	0.01	7.76	15.00	2RDR	
(2)	0.2707700	0.2500000	56988.000	0.01	8.31	15.00	2RDR	
(3)	0.2710000	0.2500000	29128.000	0.01	8.40	15.00	2RDR	
(4)	0.2784700	0.2500000	19756.000	0.01	11.39	15.00	2RDR	
(5)	0.2834700	0.2500000	18952.000	0.01	13.39	15.00	2RDR	
Average %D: 9.8400								
Aroclor-1260	0.2730800	0.2500000	29164.000	0.01	9.23	15.00	2RDR	
(2)	0.2657300	0.2500000	28036.000	0.01	6.29	15.00	2RDR	
(3)	0.2637300	0.2500000	59608.000	0.01	5.49	15.00	2RDR	
(4)	0.2599600	0.2500000	31500.000	0.01	3.98	15.00	2RDR	
(5)	0.2636800	0.2500000	16800.000	0.01	5.47	15.00	2RDR	
Average %D: 6.0800								
Tetrachloro-m-xylene	4.2e-003	5.e-003	758200.00	0.01	-16.00	15.00	2RDR	<-
Decachlorobiphenyl	5.59e-003	5.e-003	856800.00	0.01	11.80	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/20/06 Time: 2251

Lab File ID: 6WA4072 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2730800	0.2500000	88796.000	0.01	9.23	15.00	2RDR	
(2)	0.2692300	0.2500000	39592.000	0.01	7.69	15.00	2RDR	
(3)	0.2622100	0.2500000	148760.00	0.01	4.88	15.00	2RDR	
(4)	0.2652000	0.2500000	63288.000	0.01	6.08	15.00	2RDR	
(5)	0.2488800	0.2500000	46236.000	0.01	-0.45	15.00	2RDR	
Average %D: 5.4800								
Aroclor-1260	0.2651700	0.2500000	98388.000	0.01	6.07	15.00	2RDR	
(2)	0.2679600	0.2500000	81568.000	0.01	7.18	15.00	2RDR	
(3)	0.2608300	0.2500000	163100.00	0.01	4.33	15.00	2RDR	
(4)	0.2735500	0.2500000	95068.000	0.01	9.42	15.00	2RDR	
(5)	0.2647600	0.2500000	43016.000	0.01	5.90	15.00	2RDR	
Average %D: 6.6000								
Tetrachloro-m-xylene	4.88e-003	5.e-003	2713800.0	0.01	-2.40	15.00	2RDR	<-
Decachlorobiphenyl	5.57e-003	5.e-003	1922200.0	0.01	11.40	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 1103

Lab File ID: 6WA3091 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0303000	1.0000000	19796.000	0.01	3.03	15.00	2RDR
(2)	1.0369000	1.0000000	48580.000	0.01	3.69	15.00	2RDR
(3)	1.0364000	1.0000000	24922.000	0.01	3.64	15.00	2RDR
(4)	1.0406000	1.0000000	16759.000	0.01	4.06	15.00	2RDR
(5)	1.0465000	1.0000000	15296.000	0.01	4.65	15.00	2RDR
Average %D: 3.8100							
Aroclor-1260	1.0310000	1.0000000	24689.000	0.01	3.10	15.00	2RDR
(2)	1.0196000	1.0000000	24663.000	0.01	1.96	15.00	2RDR
(3)	1.0200000	1.0000000	52900.000	0.01	2.00	15.00	2RDR
(4)	1.0159000	1.0000000	28544.000	0.01	1.59	15.00	2RDR
(5)	1.0174000	1.0000000	14997.000	0.01	1.74	15.00	2RDR
Average %D: 2.0800							
Tetrachloro-m-xylene	1.74e-002	2.e-002	750300.00	0.01	-13.00	15.00	2RDR
Decachlorobiphenyl	2.09e-002	2.e-002	723850.00	0.01	4.50	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 1103

Lab File ID: 6WA4091 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1329000	1.0000000	79432.000	0.01	13.29	15.00	2RDR	
(2)	1.1199000	1.0000000	36387.000	0.01	11.99	15.00	2RDR	
(3)	1.1326000	1.0000000	141500.00	0.01	13.26	15.00	2RDR	
(4)	1.1548000	1.0000000	60577.000	0.01	15.48	15.00	2RDR	<-
(5)	1.1384000	1.0000000	47639.000	0.01	13.84	15.00	2RDR	
Average %D: 13.570								
Aroclor-1260	1.1176000	1.0000000	93893.000	0.01	11.76	15.00	2RDR	
(2)	1.1272000	1.0000000	77052.000	0.01	12.72	15.00	2RDR	
(3)	1.0917000	1.0000000	156410.00	0.01	9.17	15.00	2RDR	
(4)	1.1025000	1.0000000	87610.000	0.01	10.25	15.00	2RDR	
(5)	1.0810000	1.0000000	40921.000	0.01	8.10	15.00	2RDR	
Average %D: 10.400								
Tetrachloro-m-xylene	2.03e-002	2.e-002	2600600.0	0.01	1.50	15.00	2RDR	
Decachlorobiphenyl	2.16e-002	2.e-002	1669700.0	0.01	8.00	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 2014

Lab File ID: 6WA3110 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2698100	0.2500000	22936.000	0.01	7.92	15.00	2RDR	
(2)	0.2661400	0.2500000	56124.000	0.01	6.46	15.00	2RDR	
(3)	0.2698800	0.2500000	29020.000	0.01	7.95	15.00	2RDR	
(4)	0.2667000	0.2500000	19004.000	0.01	6.68	15.00	2RDR	
(5)	0.2836100	0.2500000	18960.000	0.01	13.44	15.00	2RDR	
Average %D: 8.4800								
Aroclor-1260	0.2729100	0.2500000	29148.000	0.01	9.16	15.00	2RDR	
(2)	0.2646200	0.2500000	27928.000	0.01	5.85	15.00	2RDR	
(3)	0.2556700	0.2500000	57944.000	0.01	2.27	15.00	2RDR	
(4)	0.2516000	0.2500000	30560.000	0.01	0.64	15.00	2RDR	
(5)	0.2602900	0.2500000	16600.000	0.01	4.12	15.00	2RDR	
Average %D: 4.4000								
Tetrachloro-m-xylene	5.07e-003	5.e-003	910600.00	0.01	1.40	15.00	2RDR	<-
Decachlorobiphenyl	5.62e-003	5.e-003	861000.00	0.01	12.40	15.00	2RDR	<-

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC06 Calibration Date: 01/21/06 Time: 2014

Lab File ID: 6WA4110 Init. Calib. Date(s): 01/19/06 01/19/06

Init. Calib. Times: 1313 1535

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2819300	0.2500000	91284.000	0.01	12.77	15.00	2RDR	
(2)	0.2902500	0.2500000	42348.000	0.01	16.10	15.00	2RDR	<-
(3)	0.2629400	0.2500000	149130.00	0.01	5.18	15.00	2RDR	
(4)	0.2776500	0.2500000	65928.000	0.01	11.06	15.00	2RDR	
(5)	0.2645800	0.2500000	48900.000	0.01	5.83	15.00	2RDR	
Average %D: 10.200								
Aroclor-1260	0.2652300	0.2500000	98408.000	0.01	6.09	15.00	2RDR	
(2)	0.2665700	0.2500000	81184.000	0.01	6.63	15.00	2RDR	
(3)	0.2604900	0.2500000	162900.00	0.01	4.20	15.00	2RDR	
(4)	0.2738900	0.2500000	95176.000	0.01	9.56	15.00	2RDR	
(5)	0.2625400	0.2500000	42676.000	0.01	5.02	15.00	2RDR	
Average %D: 6.2800								
Tetrachloro-m-xylene	5.36e-003	5.e-003	2964600.0	0.01	7.20	15.00	2RDR	<-
Decachlorobiphenyl	5.54e-003	5.e-003	1912800.0	0.01	10.80	15.00	2RDR	<-

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 01:24
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24196-1
Client ID: WG24196-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		J 42%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 12-JAN-2006 16:19
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24196-1RA
Client ID: WG24196-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		87%				
2051-24-3	Decachlorobiphenyl		J 41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 20-JAN-2006 23:19
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24737-1
Client ID: WG24737-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		71%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 21-JAN-2006 11:44
Report Date: 01/24/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24737-1RA
Client ID: WG24737-Blank
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.13	1.0	0.50	0.50	0.13
11104-28-2	Aroclor-1221	U	0.26	1.0	0.50	0.50	0.26
11141-16-5	Aroclor-1232	U	0.29	1.0	0.50	0.50	0.29
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.100	1.0	0.50	0.50	0.100
11097-69-1	Aroclor-1254	U	0.25	1.0	0.50	0.50	0.25
11096-82-5	Aroclor-1260	U	0.060	1.0	0.50	0.50	0.060
877-09-8	Tetrachloro-m-xylene		73%				
2051-24-3	Decachlorobiphenyl		65%				

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column(1): RTX-5 ID: 0.53 (mm)GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24196-BLANK	WG24196-1	84	88	40J	42J			2
02	WG24196-LCS	WG24196-2	70	75	47J	49J			2
03	WG24196-LCSD	WG24196-3	73	78	41J	43J			2
04	46GW2001	WV6788-2	55	57	11J	12J			2
05	46GW2001D	WV6788-3	61	62	12J	13J			2
06	46GW1701	WV6788-4	73	78	38J	39J			2
07	46GW1701D	WV6788-5	77	82	48J	50J			2
08	46GW1801	WV6788-6	70	75	19J	20J			2
09	38GW3S01	WV6788-7	75	78	50J	52J			2
10	38GW1S01	WV6788-9	72	78	49J	50J			2
11	38GW0501	WV6788-10	72	77	44J	45J			2
12	38GW1301	WV6788-11	82	83	46J	48J			2
13	WG24196-BLANK	WG24196-1RA	84	87	41J	41J			2
14	WG24196-LCS	WG24196-2RA	70	73	48J	46J			2
15	WG24196-LCSD	WG24196-3RA	73	77	42J	41J			2
16	46GW1901	WV6788-1RA	72	67	23J	26J			2
17	38GW1I01	WV6788-8RA	83	81	35J	35J			2
18	38GW3I01	WV6788-12RA	66	62	11J	10J			2
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG24737-BLANK	WG24737-1	71	67	64	63			0
02	WG24737-LCS	WG24737-2	67	63	50J	50J			2
03	46GW2001	WV6788-2RE	62	55	13J	13J			2
04	46GW2001D	WV6788-3RE	59	51	19J	19J			2
05	46GW1701	WV6788-4RE	89	83	72	74			0
06	46GW1701D	WV6788-5RE	84	80	71	71			0
07	46GW1801	WV6788-6RE	87	80	73	74			0
08	38GW3S01	WV6788-7RE	88	81	68	68			0
09	38GW1S01	WV6788-9RE	95	88	57	57			0
10	38GW0501	WV6788-10RE	94	86	63	65			0
11	38GW1301	WV6788-11RE	91	83	59	61			0
12	WG24737-BLANK	WG24737-1RA	72	73	63	65			0
13	WG24737-LCS	WG24737-2RA	67	66	50J	51J			2
14	46GW1901	WV6788-1RE	71	74	48J	55			1
15	38GW1I01	WV6788-8RE	89	89	53J	54			1
16	38GW3I01	WV6788-12RE	74	71	17J	17J			2
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (46-100)
S2 (DCB) = Decachlorobiphenyl (54-114)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/12/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24196-2 & WG24196-3
Client ID: WG24196-LCS & WG24196-LCSD
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	5.0	5.0	NA	4.8	4.8	97	97	0.2	30	51-146
Aroclor-1260	5.0	5.0	NA	4.6	4.5	92	90	2	30	63-132

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/12/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24196-2RA& WG24196-3RA
Client ID: WG24196-LCS & WG24196-LCSD
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3520
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24196SC
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Aroclor-1016	5.0	5.0	NA	4.8	4.8	96	97	1	30	51-146
Aroclor-1260	5.0	5.0	NA	4.4	4.4	88	88	0.4	30	63-132

FORM III PEST-1

6WA1162.d & 6WA1163.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 01/20/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24737-2
Client ID: WG24737-LCS
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.2	85	51-146
Aroclor-1260	5.0	NA	3.9	79	63-132

FORM III PEST-1

6WA3074.d

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 01/18/06
Analysis Date: 01/21/06
Report Date: 01/24/2006
Matrix: WATER

Lab ID: WG24737-2RA
Client ID: WG24737-LCS
SDG: CTO367-6
Extracted by: KF
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8082
Lab Prep Batch: WG24737SC
Units: ug/L

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Aroclor-1016	5.0	NA	4.6	92	51-146
Aroclor-1260	5.0	NA	4.2	83	63-132

FORM III PEST-1

6WA3093.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.92 S2 : 23.95

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 5 UG/M	11/19/05	1436	17.92	23.95
02		FLPRO 20 UG/	11/19/05	1546	17.92	23.95
03		FLPRO 50 UG/	11/19/05	1656	17.92	23.95
04		FLPRO 100UG/	11/19/05	1806	17.92	23.95
05		FLPRO 200UG/	11/19/05	1916	17.92	23.95
06		FLPRO IND	11/19/05	2025	17.92	23.95
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 11/19/05 11/19/05

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 17.87 S2 : 23.89

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #
01		FLPRO 50UG/M	01/14/06	2231	17.87	23.88
02	WG24194-BLAN	WG24194-1	01/14/06	2341	17.87	23.89
03	WG24194-LCS	WG24194-2	01/15/06	0052	17.87	23.89
04	WG24194-LCSD	WG24194-3	01/15/06	0201	17.87	23.89
05	46GW1901	WV6788-1	01/15/06	0751	17.87	23.89
06	46GW2001	WV6788-2	01/15/06	0901	17.87	23.88
07	46GW2001D	WV6788-3	01/15/06	1011	17.87	23.88
08		FLPRO 20UG/M	01/15/06	1341	17.88	23.89
09		FLPRO 50 UG/	01/16/06	1347	17.88	23.89
10	46GW1701	WV6788-4	01/16/06	1512	17.87	23.89
11	46GW1701D	WV6788-5	01/16/06	1623	17.87	23.89
12	46GW1801	WV6788-6	01/16/06	1732	17.87	23.89
13	38GW3S01	WV6788-7	01/16/06	1842	17.87	23.89
14	38GW1I01	WV6788-8	01/16/06	1952	17.87	23.89
15	38GW1S01	WV6788-9	01/16/06	2102	17.87	23.89
16	38GW0501	WV6788-10	01/16/06	2212	17.87	23.89
17	38GW1301	WV6788-11	01/16/06	2322	17.87	23.89
18	38GW3I01	WV6788-12	01/17/06	0032	17.87	23.88
19		FLPRO 100UG/	01/17/06	0403	17.87	23.89
20						

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.48 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 6
FL-PRO INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC12 Calibration Date(s): 11/19/05 11/19/05

Column: ZB-1 ID: 0.53 (mm) Calibration Time(s): 1436 1916

LAB FILE ID: RF5: CVK4002 RF20: CVK4003 RF50: CVK4004
RF100: CVK4005 RF200: CVK4006

							COEFFICENTS		%RSD	MAX %RSD
COMPOUND	RF5	RF20	RF50	RF100	RF200	CURVE	A0	A1	OR R^2	OR R^2
C-24	12579	57680	184940	369970	752530	LINR	1.99697815	2.635e-004	0.99956	0.99000
C-8	18338	75785	189030	368800	746240	LINR	-7.83e-002	2.685e-004	0.99994	0.99000
C-10	18483	76154	191960	374190	765800	LINR	0.26042469	2.618e-004	0.99986	0.99000
C-12	20271	78236	192490	373170	764990	LINR	-4.16e-002	2.626e-004	0.99981	0.99000
C-14	20774	83134	194350	373730	760380	LINR	-0.6719443	2.646e-004	0.99979	0.99000
C-16	23921	80541	194240	377870	765600	LINR	-0.6549970	2.627e-004	0.99988	0.99000
C-18	21407	76511	193270	378390	766390	LINR	-0.1323092	2.617e-004	0.99994	0.99000
C-28	19307	76981	185190	371740	758110	LINR	0.29165544	2.645e-004	0.99987	0.99000
C-20	20912	76150	190000	375020	760770	LINR	-1.18e-002	2.636e-004	0.99994	0.99000
C-22	19931	75005	188220	376500	765460	LINR	0.34954625	2.617e-004	0.99992	0.99000
FL-PRO peaks C8-C40	355090	1383600	3152600	6305800	1e+007	LINR	-3.9558785	2.663e-004	0.99981	0.99000
C-26	19263	76923	185580	373120	759740	LINR	0.29950645	2.638e-004	0.99989	0.99000
C-38	35252	119420	168860	354160	723760	LINR	-3.6184126	2.831e-004	0.99439	0.99000
C-40	26544	91584	150270	357100	722040	LINR	-0.1267911	2.789e-004	0.99648	0.99000
C-30	22552	78539	188510	375750	761120	LINR	-0.2260476	2.638e-004	0.99991	0.99000
C-32	19177	80538	181970	370090	751350	LINR	4.491e-002	2.671e-004	0.99980	0.99000
C-34	15274	85113	177310	377040	768890	LINR	0.70895020	2.604e-004	0.99930	0.99000
C-36	21097	95253	196380	359200	736670	LINR	-2.0872768	2.751e-004	0.99872	0.99000
O-Terphenyl	4199.60	4038.70	4027.50	4127.00	4257.90	AVRG		4130.11200	2.422	40.000
n-Triacontane-D62	3310.30	3295.20	3112.00	3288.40	3371.60	AVRG		3275.48600	2.965	40.000

FORM VI FL-PRO

Report Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

Calibration File Names:
Level 1: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4002.d
Level 2: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4003.d
Level 3: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4004.d
Level 4: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4005.d
Level 5: \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\CVK4006.d

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
M	1 FL-PRO peaks C8-C40	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	2 C-8	18338	75785	189028	368798	746245	LINR	-0.07835	3724		0.99994
	3 C-10	18483	76154	191956	374192	765799	LINR	0.26042	3820		0.99986
	4 C-12	20271	78236	192489	373169	764994	LINR	-0.04164	3809		0.99981
	5 C-14	20774	83134	194351	373732	760385	LINR	-0.67194	3779		0.99979
	6 C-16	23921	80541	194239	377869	765601	LINR	-0.65500	3806		0.99989
S	7 Petroleum Range Organics	355089	1383552	3152576	6305843	12829871	LINR	-3.95588	3755		0.99981
	8 C-18	21407	76511	193274	378388	766387	LINR	-0.13231	3821		0.99994
	10 C-20	20912	76150	190000	375019	760771	LINR	-0.01177	3794		0.99994
	11 C-22	19931	75005	188220	376505	765465	LINR	0.34955	3822		0.99992
	12 C-24	12579	57680	184943	369971	752531	LINR	1.99698	3795		0.99956
	13 C-26	19263	76923	185580	373118	759744	LINR	0.29951	3791		0.99989
	14 C-28	19307	76981	185193	371739	758111	LINR	0.29166	3781		0.99987
	16 C-30	22552	78539	188507	375747	761122	LINR	-0.22605	3790		0.99991
	17 C-32	19177	80538	181969	370086	751351	LINR	0.04491	3744		0.99980

Sample Data Summary A0000366

Report Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

	5.0000	20.0000	50.0000	100.0000	200.0000		Coefficients			%RSD
Compound	Level 1	Level 2	Level 3	Level 4	Level 5	Curve	b	m1	m2	or R^2
18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
$ 9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
$ 15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Sample Data Summary A0000367

Report Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Sample Data Summary A0000368

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC12 Calibration Date: 01/14/06 Time: 2231

Lab File ID: CWA2189 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	43.263000	50.000000	3132.2000	0.01	-13.47	25.00	LINR	
C-8	42.249000	50.000000	3152.4000	0.01	-15.50	25.00	LINR	
C-10	44.835000	50.000000	3405.6000	0.01	-10.33	25.00	LINR	
C-12	43.287000	50.000000	3300.4000	0.01	-13.43	25.00	LINR	
C-14	41.813000	50.000000	3211.0000	0.01	-16.37	25.00	LINR	
C-16	41.055000	50.000000	3174.9000	0.01	-17.89	25.00	LINR	
C-18	41.368000	50.000000	3171.6000	0.01	-17.26	25.00	LINR	
C-28	42.140000	50.000000	3164.7000	0.01	-15.72	25.00	LINR	
C-20	41.396000	50.000000	3141.7000	0.01	-17.21	25.00	LINR	
C-22	41.729000	50.000000	3162.8000	0.01	-16.54	25.00	LINR	
FL-PRO peaks C8-C40	680.10000	850.00000	3027.3000	0.01	-19.99	25.00	LINR	
C-26	42.060000	50.000000	3165.9000	0.01	-15.88	25.00	LINR	
C-38	30.009000	50.000000	2375.9000	0.01	-39.98	25.00	LINR	<-
C-40	30.880000	50.000000	2223.9000	0.01	-38.24	25.00	LINR	<-
C-30	41.712000	50.000000	3179.1000	0.01	-16.58	25.00	LINR	
C-32	40.938000	50.000000	3062.4000	0.01	-18.12	25.00	LINR	
C-34	37.764000	50.000000	2845.8000	0.01	-24.47	25.00	LINR	
C-36	33.597000	50.000000	2594.1000	0.01	-32.81	25.00	LINR	<-
O-Terphenyl	4130.1000	3361.9000	3361.9000	0.01	-18.60	25.00	AVRG	
n-Triacontane-D62	3275.5000	2663.8000	2663.8000	0.01	-18.68	25.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC12 Calibration Date: 01/15/06 Time: 1341

Lab File ID: CWA2202 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF20.000 or AMOUNT	CCAL RRF20.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
C-24	17.724000	20.000000	2984.4000	0.01	-11.38	25.00	LINR	
C-8	15.270000	20.000000	2857.7000	0.01	-23.65	25.00	LINR	
C-10	17.116000	20.000000	3219.4000	0.01	-14.42	25.00	LINR	
C-12	18.622000	20.000000	3554.1000	0.01	-6.89	25.00	LINR	
C-14	17.547000	20.000000	3442.5000	0.01	-12.26	25.00	LINR	
C-16	15.467000	20.000000	3068.0000	0.01	-22.66	25.00	LINR	
C-18	15.716000	20.000000	3027.9000	0.01	-21.42	25.00	LINR	
C-28	16.284000	20.000000	3023.4000	0.01	-18.58	25.00	LINR	
C-20	15.821000	20.000000	3003.1000	0.01	-20.90	25.00	LINR	
C-22	16.217000	20.000000	3032.0000	0.01	-18.92	25.00	LINR	
FL-PRO peaks C8-C40	290.90000	340.00000	3252.7000	0.01	-14.44	25.00	LINR	
C-26	16.177000	20.000000	3009.2000	0.01	-19.12	25.00	LINR	
C-38	12.528000	20.000000	2852.0000	0.01	-37.36	25.00	LINR	<-
C-40	14.420000	20.000000	2608.3000	0.01	-27.90	25.00	LINR	<-
C-30	16.227000	20.000000	3118.0000	0.01	-18.86	25.00	LINR	
C-32	19.386000	20.000000	3620.9000	0.01	-3.07	25.00	LINR	
C-34	19.630000	20.000000	3632.8000	0.01	-1.85	25.00	LINR	
C-36	26.752000	20.000000	5241.2000	0.01	33.76	25.00	LINR	<-
O-Terphenyl	4130.1000	3140.1000	3140.1000	0.01	-23.97	25.00	AVRG	
n-Triacontane-D62	3275.5000	2432.0000	2432.0000	0.01	-25.75	25.00	AVRG	<-

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC12 Calibration Date: 01/16/06 Time: 1347

Lab File ID: CWA4004 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	59.358000	50.000000	4353.9000	0.01	18.72	25.00	LINR
C-8	57.456000	50.000000	4285.0000	0.01	14.91	25.00	LINR
C-10	56.766000	50.000000	4317.2000	0.01	13.53	25.00	LINR
C-12	56.261000	50.000000	4288.6000	0.01	12.52	25.00	LINR
C-14	57.216000	50.000000	4375.2000	0.01	14.43	25.00	LINR
C-16	57.620000	50.000000	4435.8000	0.01	15.24	25.00	LINR
C-18	57.548000	50.000000	4408.1000	0.01	15.10	25.00	LINR
C-28	58.103000	50.000000	4371.9000	0.01	16.21	25.00	LINR
C-20	58.176000	50.000000	4414.8000	0.01	16.35	25.00	LINR
C-22	58.269000	50.000000	4427.0000	0.01	16.54	25.00	LINR
FL-PRO peaks C8-C40	936.40000	850.00000	4161.2000	0.01	10.16	25.00	LINR
C-26	58.208000	50.000000	4390.0000	0.01	16.42	25.00	LINR
C-38	43.378000	50.000000	3320.5000	0.01	-13.24	25.00	LINR
C-40	44.341000	50.000000	3189.4000	0.01	-11.32	25.00	LINR
C-30	57.692000	50.000000	4390.5000	0.01	15.38	25.00	LINR
C-32	56.619000	50.000000	4236.7000	0.01	13.24	25.00	LINR
C-34	52.127000	50.000000	3948.8000	0.01	4.25	25.00	LINR
C-36	47.260000	50.000000	3587.4000	0.01	-5.48	25.00	LINR
O-Terphenyl	4130.1000	4619.3000	4619.3000	0.01	11.84	25.00	AVRG
n-Triacontane-D62	3275.5000	3698.8000	3698.8000	0.01	12.92	25.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

Instrument ID: GC12 Calibration Date: 01/17/06 Time: 0403

Lab File ID: CWA4016 Init. Calib. Date(s): 11/19/05 11/19/05

Init. Calib. Times: 1436 1916

GC Column: ZB-1 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF100.00 or AMOUNT	CCAL RRF100.00	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
C-24	109.34000	100.00000	4073.9000	0.01	9.34	25.00	LINR
C-8	110.32000	100.00000	4111.0000	0.01	10.32	25.00	LINR
C-10	108.98000	100.00000	4153.1000	0.01	8.98	25.00	LINR
C-12	108.78000	100.00000	4144.4000	0.01	8.78	25.00	LINR
C-14	107.92000	100.00000	4103.6000	0.01	7.92	25.00	LINR
C-16	108.70000	100.00000	4161.9000	0.01	8.70	25.00	LINR
C-18	108.39000	100.00000	4146.7000	0.01	8.39	25.00	LINR
C-28	108.58000	100.00000	4094.6000	0.01	8.58	25.00	LINR
C-20	108.21000	100.00000	4105.6000	0.01	8.21	25.00	LINR
C-22	108.62000	100.00000	4137.9000	0.01	8.62	25.00	LINR
FL-PRO peaks C8-C40	1875.5000	1700.0000	4150.6000	0.01	10.32	25.00	LINR
C-26	108.40000	100.00000	4097.7000	0.01	8.40	25.00	LINR
C-38	110.49000	100.00000	4031.0000	0.01	10.49	25.00	LINR
C-40	121.11000	100.00000	4347.7000	0.01	21.11	25.00	LINR
C-30	109.34000	100.00000	4152.9000	0.01	9.34	25.00	LINR
C-32	111.19000	100.00000	4161.8000	0.01	11.19	25.00	LINR
C-34	113.83000	100.00000	4343.8000	0.01	13.83	25.00	LINR
C-36	113.28000	100.00000	4193.3000	0.01	13.28	25.00	LINR
O-Terphenyl	4130.1000	4460.6000	4460.6000	0.01	8.00	25.00	AVRG
n-Triacontane-D62	3275.5000	3532.7000	3532.7000	0.01	7.85	25.00	AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 14-JAN-2006 23:41
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WG24194-1
Client ID: WG24194-Blank
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	U	230	1.0	500	500	230
	n-Triacontane-D62		132%				
	O-Terphenyl		111%				

Sample Data Summary A0000361

FORM 2
WATER FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 367 NAS PENSACOLA SDG No.: CTO367-6

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG24194-BLANK	WG24194-1	132	111							0
02	WG24194-LCS	WG24194-2	110	112							0
03	WG24194-LCSD	WG24194-3	93	95							0
04	46GW1901	WV6788-1	107	117							0
05	46GW2001	WV6788-2	77	96							0
06	46GW2001D	WV6788-3	59	72J							1
07	46GW1701	WV6788-4	96	114							0
08	46GW1701D	WV6788-5	100	115							0
09	46GW1801	WV6788-6	120	140							0
10	38GW3S01	WV6788-7	119	133							0
11	38GW1I01	WV6788-8	109	131							0
12	38GW1S01	WV6788-9	123	139							0
13	38GW0501	WV6788-10	113	136							0
14	38GW1301	WV6788-11	119	145J							1
15	38GW3I01	WV6788-12	67	92							0
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(42-193)
S2 (OTP)	= O-Terphenyl	(82-142)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
Project: CTO 367 NAS Pensacola
PO No:
Sample Date:
Received Date:
Extraction Date: 12/27/05
Analysis Date: 01/15/06
Report Date: 01/17/2006
Matrix: WATER

Lab ID: WG24194-2 & WG24194-3
Client ID: WG24194-LCS & WG24194-LCSD
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.		%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	1700	3400	NA	1300	2500	76	74	*	63	30	55-118

FORM III SV-1

CWA2191.d & CWA2192.d

X-VALUE	Y-VALUE	CORREL	SLOPE
355089	85	0.999888	0.000267
1383552	340	Y-INTERC	
3152576	850	-5.65248	
6305843	1700		
12829871	3400		

7013408	1863.446
	1863.446

$$\frac{(1863\ \mu g/mL)(2\ mL)}{(1.04\ L)} = 3582\ \mu g/L$$

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 367 NAS Pensacola
PO No:
Sample Date: 12/20/05
Received Date: 12/21/05
Extraction Date: 12/27/05
Analysis Date: 15-JAN-2006 07:51
Report Date: 01/17/2006
Matrix: WATER
% Solids: NA

Lab ID: WV6788-1
Client ID: 46GW1901
SDG: CTO367-6
Extracted by: GN
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 M8015
Lab Prep Batch: WG24194
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics		3600	1.0	500	500	220
	n-Triacontane-D62		107%				
	O-Terphenyl		117%				

Data File: \\Target_server\GG\chem\gc12.i\GC12WA13B1.b\CWA2197.d
Report Date: 17-Jan-2006 11:13

Katahdin Analytical Services

Data file : \\Target_server\GG\chem\gc12.i\GC12WA13B1.b\CWA2197.d
Lab Smp Id: WV6788-1 Client Smp ID: 46GW1901
Inj Date : 15-JAN-2006 07:51
Operator : SAW Inst ID: gc12.i
Smp Info : FLPB007B.M,GC12WA13B1.B,1,WV6788-1
Misc Info : SW846 M8015
Comment :
Method : \\TARGET_SERVER\GG\chem\gc12.i\GC12WA13B1.B\FLPB007B.m
Meth Date : 17-Jan-2006 10:31 swilkinson Quant Type: ESTD
Cal Date : 19-NOV-2005 19:16 Cal File: CVK4006.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie Compound Sublist: SW8015M-FLPRO.sub
Subtraction File: \\Target_server\GG\chem\gc12.i\GC12WA13B1.b\CWA2188.d
Target Version: 4.12
Processing Host: TARGET05

Concentration Formula: Amt * DF * (Vt/Vo)*1000 * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00200	Final Volume (L)
Vo	1.040	Sample Volume (L)
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/ml)	CONCENTRATIONS FINAL (ug/L)
$ 9 O-Terphenyl	17.866	17.867	-0.001	242081	58.6137	110(M)
$ 15 n-Triacontane-D62	23.893	23.888	0.005	1049313	320.353	620(M)
S 7 Petroleum Range Organics	6.879-46.735			7013408	1863.82	3600(M)

QC Flag Legend

M - Compound response manually integrated.

Report Date : 17-Jan-2006 14:23

Katahdin Analytical Services

INITIAL CALIBRATION DATA

Start Cal Date : 19-NOV-2005 14:36
End Cal Date : 19-NOV-2005 19:16
Quant Method : ESTD
Origin : Included
Target Version : 4.12
Integrator : HP Genie
Method file : \\Target_server\GG\chem\gc12.i\GC12VK19B1.b\flpb007a.m
Cal Date : 21-Nov-2005 09:02 lschwieterman

	Compound	5.0000 Level 1	20.0000 Level 2	50.0000 Level 3	100.0000 Level 4	200.0000 Level 5	Curve	Coefficients b	m1	m2	%RSD or R^2
	18 C-34	15274	85113	177311	377040	768893	LINR	0.70895	3840		0.99930
	19 C-36	21097	95253	196378	359197	736668	LINR	-2.08728	3635		0.99872
	20 C-38	35252	119417	168856	354164	723760	LINR	-3.61841	3533		0.99439
	21 C-40	26544	91584	150273	357097	722036	LINR	-0.12679	3586		0.99648
$	9 O-Terphenyl	4200	4039	4027	4127	4258	AVRG		4130		2.42251
$	15 n-Triacontane-D62	3310	3295	3112	3288	3372	AVRG		3275		2.96508

Sample Data Summary A0000367

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**G. WALKER**	**DATE:**	**FEBRUARY 8, 2006**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS**
CTO – 367 NAS PENSACOLA
SAMPLE DELIVERY GROUP (SDG) – CTO367-6

SAMPLES: 12/Groundwater/

38GW0501	38GW1301	38GW1I01
38GW1S01	38GW3I01	38GW3S01
46GW1701	46GW1701D	46GW1801
46GW1901	46GW2001	46GW2002D

Overview

The sample set for CTO 367, NAS Pensacola, SDG CTO367-6, consists of twelve (12) groundwater environmental samples. Two (2) field duplicate pairs (46GW1701 / 46GW1701D and 46GW2001 / 46GW2001D) are included within this SDG.

All samples were analyzed for target analyte list (TAL) metals. The samples were collected by Tetra Tech NUS on December 20, 2005 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Barium, calcium, copper, iron, magnesium, manganese, potassium and sodium analyses were conducted using SW-846 method 6010B. Analyses for aluminum, antimony, arsenic, beryllium, cadmium, chromium, cobalt, lead, nickel, selenium, silver, thallium, vanadium and zinc were conducted using SW-846 method 6020. Mercury analyses were conducted using SW-846 method 7470A.

Barium, calcium, copper, iron, magnesium, manganese, potassium and sodium analyses were conducted using Inductively Coupled Plasma (ICP) instrumentation. Aluminum, antimony, arsenic, beryllium, cadmium, chromium, cobalt, lead, nickel, selenium, silver, thallium, vanadium and zinc analyses were conducted using Inductively Coupled Plasma Mass Spectrometer (ICP-MS) instrumentation. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) instrumentation.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Verification Results
• Laboratory Blank Analyses
• ICP Interference Check Sample Results
* • Laboratory Control Sample Results
• Field Duplicate Results
* • Sample Quantitation
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	4.77 µg/L	23.85 µg/L
Antimony[(1)]	0.92 µg/L	4.6 µg/L
Beryllium[(1)]	0.015 µg/L	0.075 µg/L
Cadmium[(1)]	0.02 µg/L	0.10 µg/L
Calcium	103.36 µg/L	516.8 µg/L
Chromium[(1)]	2.257 µg/L	11.285 µg/L
Cobalt	0.01 µg/L	0.05 µg/L
Copper	5.07 µg/L	25.35 µg/L
Iron	38.78 µg /L	193.9 µg/L
Lead[(1)]	0.389 µg /L	1.945 µg/L
Magnesium	113.83 µg/L	569.15 µg/L
Manganese	0.98 µg/L	4.9 µg/L
Potassium	997.82 µg/L	4989.1 µg/L
Selenium[(1)]	0.484 µg/L	2.42 µg/L
Sodium	379.36 µg/L	1896.8 µg/L
Thallium	0.18 µg/L	0.90 µg/L
Vanadium[(1)]	0.428 µg/L	2.14 µg/L
Zinc[(1)]	2.328 µg/L	11.64 µg/L

[(1)] Maximum concentration present in a laboratory preparation blank affecting all samples.

An action level of 5X the maximum concentration has been used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results, less than the blank action level, were qualified "U" as a result of laboratory blank contamination.

ICP Interference Check Sample Results

The interfering analyte sodium was present in samples 38GW1301, 38GW3S01, 46GW1701, 46GW1701D, 46GW1801 and 46GW1901 at concentrations that were comparable to the level of sodium in the Interference Check Sample (ICS) solution. Several analytes, namely, antimony, chromium, nickel and selenium were present in the ICS solution at a concentration that exceeded the absolute value of the Instrument Detection Limit (IDL). Interference effects exist for nickel in the affected samples. The positive results reported for nickel in these samples were qualified as estimated, "J".

The interfering analyte sodium was present in samples 38GW3I01, 46GW2001 and 46GW2001D at concentrations that were comparable to the level of sodium in the Interference Check Sample (ICS) solution. Several analytes, namely, antimony, chromium, nickel and selenium were present in the ICS solution at a concentration that exceeded the absolute value of the Instrument Detection Limit (IDL). Interference effects exist for chromium, nickel and selenium in the affected samples. The positive results reported for these analytes in these samples were qualified as estimated, "J".

The interfering analytes calcium and sodium were present in sample 38GW1I01 at concentrations that were comparable to the levels of calcium and sodium in the Interference Check Sample (ICS) solution. Several analytes, namely, antimony, chromium, nickel and selenium were present in the ICS solution at a concentration that exceeded the absolute value of the Instrument Detection Limit

(IDL). Interference effects exist for nickel and selenium in the affected sample. The positive results reported for nickel and selenium in this sample was qualified as estimated, "J".

Field Duplicate Results

Field duplicate imprecision (difference > 2X CRDL) was noted for copper in the 46GW2001 / 46GW2001D sample pair. The positive result reported for copper in sample 46GW2001D was qualified as estimated, "J". No validation action was taken for sample 46GW2001 because the copper result in this sample was qualified "U" as a result of laboratory blank contamination.

Notes

All results for all metals analyzed by ICP-MS were analyzed at a 5X dilution.

Barium, calcium, copper, iron, magnesium, manganese, potassium and sodium were analyzed at a 5X dilution in sample 38GW1I01 and at 2X dilutions in samples 38GW3I01, 46GW2001 and 46GW2001D.

The Contract Required Detection Limit (CRDL) percent recovery for mercury was < 80% quality control limit. No validation action was taken based on the CRDL percent recovery.

The Practical Quantitation Limit (PQL) percent recoveries for arsenic, chromium and silver were < 80% quality control limit. No validation action was taken based on the PQL percent recoveries.

The laboratory did not perform laboratory duplicate, matrix spike (MS) or ICP serial dilution analyses for any samples within this SDG; therefore, these quality control parameters could not be evaluated.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: Field duplicate imprecision was noted for copper in the 46GW2001 / 46GW2001D sample pair. Several analytes were qualified due to ICS noncompliance.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: M

nsample	38GW0501	nsample	38GW1301	nsample	38GW1I01
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-010	lab_id	WV6788-011	lab_id	WV6788-008
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	72.0	I	U	A
ANTIMONY	2.2	I	U	A
ARSENIC	4.1	I		
BARIUM	56.2			
BERYLLIUM	0.05	U	U	
CADMIUM	8.9	I		
CALCIUM	48100			
CHROMIUM	7.4	I	U	A
COBALT	0.25	I		
COPPER	8.4	I	U	A
IRON	116		U	A
LEAD	2.3	I		
MAGNESIUM	20600			
MANGANESE	11.6			
MERCURY	0.02	U	U	
NICKEL	6.4	I		
POTASSIUM	10900			
SELENIUM	1.6	U	U	
SILVER	0.05	U	U	
SODIUM	145000			
THALLIUM	0.15	U	U	
VANADIUM	3.8	I		
ZINC	166			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	32.3	I	U	A
ANTIMONY	0.62	I	U	A
ARSENIC	3.2	I		
BARIUM	43.4			
BERYLLIUM	0.05	U	U	
CADMIUM	0.29	I		
CALCIUM	106000			
CHROMIUM	6.1	I	U	A
COBALT	0.13	I	U	A
COPPER	13.9	I	U	A
IRON	52.3	I	U	A
LEAD	1.2	I	U	A
MAGNESIUM	47000			
MANGANESE	8.5			
MERCURY	0.02	U	U	
NICKEL	1.1	I	J	K
POTASSIUM	18900			
SELENIUM	1.6	U	U	
SILVER	0.05	U	U	
SODIUM	443000			
THALLIUM	0.15	U	U	
VANADIUM	1.9	I	U	A
ZINC	20.1	I		

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	87.6	I	U	A
ANTIMONY	0.54	I	U	A
ARSENIC	2.7	I		
BARIUM	390			
BERYLLIUM	0.05	U	U	
CADMIUM	0.05	U	U	
CALCIUM	257000			
CHROMIUM	3.7	I	U	A
COBALT	0.34	I		
COPPER	37.7	I	U	A
IRON	1880			
LEAD	1.2	I	U	A
MAGNESIUM	204000			
MANGANESE	231			
MERCURY	0.02	U	U	
NICKEL	2.0	I	J	K
POTASSIUM	68400			
SELENIUM	3.3	I	J	K
SILVER	0.05	U	U	
SODIUM	2020000			
THALLIUM	0.15	U	U	
VANADIUM	2.1	I	U	A
ZINC	22.9	I		

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: M

nsample	38GW1S01	nsample	38GW3I01	nsample	38GW3S01
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-009	lab_id	WV6788-012	lab_id	WV6788-007
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	528			
ANTIMONY	2.1	I	U	A
ARSENIC	8.5			
BARIUM	107			
BERYLLIUM	0.08	I		
CADMIUM	1.0	I		
CALCIUM	54100			
CHROMIUM	4.2	I	U	A
COBALT	3.0	I		
COPPER	11.2	I	U	A
IRON	287			
LEAD	23.7			
MAGNESIUM	16800			
MANGANESE	505			
MERCURY	0.02	U	U	
NICKEL	2.5	I		
POTASSIUM	9240			
SELENIUM	2.5	I		
SILVER	0.05	U	U	
SODIUM	172000			
THALLIUM	0.19	I	U	A
VANADIUM	4.8	I		
ZINC	130			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	477			
ANTIMONY	0.53	I	U	A
ARSENIC	3.5	I		
BARIUM	19.3			
BERYLLIUM	0.74	I		
CADMIUM	0.10	I		
CALCIUM	24000			
CHROMIUM	75.0		J	K
COBALT	0.36	I		
COPPER	26.7	I	U	A
IRON	517			
LEAD	0.72	I	U	A
MAGNESIUM	42400			
MANGANESE	30.5			
MERCURY	0.02	U	U	
NICKEL	7.1	I	J	K
POTASSIUM	51600			
SELENIUM	3.4	I	J	K
SILVER	0.05	U	U	
SODIUM	784000			
THALLIUM	0.15	U	U	
VANADIUM	165			
ZINC	8.3	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	19.0	I	U	A
ANTIMONY	1.1	I	U	A
ARSENIC	2.0	I		
BARIUM	174			
BERYLLIUM	0.05	U	U	
CADMIUM	0.82	I		
CALCIUM	81100			
CHROMIUM	6.2	I	U	A
COBALT	0.20	I	U	A
COPPER	8.3	I	U	A
IRON	154		U	A
LEAD	3.3	I		
MAGNESIUM	49800			
MANGANESE	86.2			
MERCURY	0.02	U	U	
NICKEL	0.87	I	J	K
POTASSIUM	18000			
SELENIUM	1.8	I	U	A
SILVER	0.05	U	U	
SODIUM	443000			
THALLIUM	0.32	I	U	A
VANADIUM	2.6	I		
ZINC	115			

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: M

nsample	46GW1701	nsample	46GW1701D	nsample	46GW1801
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-004	lab_id	WV6788-005	lab_id	WV6788-006
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	46GW1701	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	57.4	I	U	A
ANTIMONY	0.64	I	U	A
ARSENIC	3.7	I		
BARIUM	108			
BERYLLIUM	0.05	U	U	
CADMIUM	0.05	I	U	A
CALCIUM	51000			
CHROMIUM	3.4	I	U	A
COBALT	0.15	I	U	A
COPPER	2.86	U	U	
IRON	138		U	A
LEAD	0.63	I	U	A
MAGNESIUM	31000			
MANGANESE	27.0			
MERCURY	0.02	U	U	
NICKEL	1.4	I	J	K
POTASSIUM	17400			
SELENIUM	1.6	U	U	
SILVER	0.05	U	U	
SODIUM	330000			
THALLIUM	0.15	U	U	
VANADIUM	1.4	I	U	A
ZINC	15.8	I		

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	80.4	I	U	A
ANTIMONY	0.69	I	U	A
ARSENIC	3.3	I		
BARIUM	96.9			
BERYLLIUM	0.07	I	U	A
CADMIUM	0.08	I	U	A
CALCIUM	45500			
CHROMIUM	3.4	I	U	A
COBALT	0.18	I	U	A
COPPER	2.86	U	U	
IRON	164		U	A
LEAD	0.67	I	U	A
MAGNESIUM	26600			
MANGANESE	22.5			
MERCURY	0.02	U	U	
NICKEL	1.4	I	J	K
POTASSIUM	15900			
SELENIUM	1.6	U	U	
SILVER	0.05	U	U	
SODIUM	274000			
THALLIUM	0.15	U	U	
VANADIUM	1.9	I	U	A
ZINC	16.2	I		

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	66.2	I	U	A
ANTIMONY	1.0	I	U	A
ARSENIC	7.6	I		
BARIUM	192			
BERYLLIUM	0.05	U	U	
CADMIUM	0.48	I		
CALCIUM	118000			
CHROMIUM	4.4	I	U	A
COBALT	0.38	I		
COPPER	2.86	U	U	
IRON	59.4	I	U	A
LEAD	1.3	I	U	A
MAGNESIUM	33900			
MANGANESE	44.4			
MERCURY	0.02	U	U	
NICKEL	1.6	I	J	K
POTASSIUM	16500			
SELENIUM	2.4	I	U	A
SILVER	0.05	U	U	
SODIUM	437000			
THALLIUM	0.15	U	U	
VANADIUM	4.8	I		
ZINC	60.8			

PROJ_NO: 00007

SDG: CTO367-6 MEDIA: WATER DATA FRACTION: M

nsample	46GW1901	nsample	46GW2001	nsample	46GW2001D
samp_date	12/20/2005	samp_date	12/20/2005	samp_date	12/20/2005
lab_id	WV6788-001	lab_id	WV6788-002	lab_id	WV6788-003
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	46GW2001

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	68.7	I	U	A
ANTIMONY	1.0	I	U	A
ARSENIC	13.3			
BARIUM	71.0			
BERYLLIUM	0.10	I		
CADMIUM	0.12	I		
CALCIUM	64500			
CHROMIUM	4.1	I	U	A
COBALT	0.18	I	U	A
COPPER	5.9	I	U	A
IRON	78.4	I	U	A
LEAD	1.9	I	U	A
MAGNESIUM	32200			
MANGANESE	31.3			
MERCURY	0.02	U	U	
NICKEL	0.88	I	J	K
POTASSIUM	13400			
SELENIUM	2.3	I	U	A
SILVER	0.05	U	U	
SODIUM	296000			
THALLIUM	0.16	I	U	A
VANADIUM	3.6	I		
ZINC	9.1	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	674			
ANTIMONY	0.94	I	U	A
ARSENIC	1.8	I		
BARIUM	24.8			
BERYLLIUM	0.40	I		
CADMIUM	0.05	I	U	A
CALCIUM	23500			
CHROMIUM	33.6		J	K
COBALT	0.20	I	U	A
COPPER	11.8	I	U	A
IRON	8220			
LEAD	0.70	I	U	A
MAGNESIUM	32400			
MANGANESE	109			
MERCURY	0.02	U	U	
NICKEL	5.9	I	J	K
POTASSIUM	48700			
SELENIUM	2.8	I	J	K
SILVER	0.05	U	U	
SODIUM	703000			
THALLIUM	0.15	U	U	
VANADIUM	104			
ZINC	10.6	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	862			
ANTIMONY	0.75	I	U	A
ARSENIC	2.0	I		
BARIUM	25.0			
BERYLLIUM	0.40	I		
CADMIUM	0.05	U	U	
CALCIUM	22800			
CHROMIUM	43.9		J	K
COBALT	0.21	I	U	A
COPPER	97.8		J	G
IRON	8100			
LEAD	1.3	I	U	A
MAGNESIUM	31400			
MANGANESE	105			
MERCURY	0.02	U	U	
NICKEL	7.5	I	J	K
POTASSIUM	47200			
SELENIUM	2.6	I	J	K
SILVER	0.05	U	U	
SODIUM	677000			
THALLIUM	0.15	U	U	
VANADIUM	104			
ZINC	26.2			

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW0501

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	72.0	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	2.2	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	4.1	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	56.2			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	8.9	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	48100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	7.4	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.25	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	8.4	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	116			P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.3	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	20600			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	11.6			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	6.4	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	10900			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	145000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	3.8	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	166			MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW1301

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	32.3	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.62	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.2	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	43.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.29	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	106000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.1	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.13	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	13.9	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	52.3	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.2	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	47000			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	8.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	1.1	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	18900			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	443000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	1.9	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	20.1	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW1I01

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	87.6	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.54	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	2.7	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	390			P	5	25	5.85
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.05	U		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	257000			P	5	250	107.00
7440-47-3	CHROMIUM, TOTAL	3.7	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.34	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	37.7	I		P	5	120	14.30
7439-89-6	IRON, TOTAL	1880			P	5	500	18.95
7439-92-1	LEAD, TOTAL	1.2	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	204000			P	5	250	130.00
7439-96-5	MANGANESE, TOTAL	231			P	5	25	3.50
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	2.0	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	68400			P	5	10000	2100.00
7782-49-2	SELENIUM, TOTAL	3.3	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	2020000			P	5	5000	169.00
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	2.1	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	22.9	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW1S01

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	528			MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	2.1	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	8.5			MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	107			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.08	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	1.0	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	54100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	4.2	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.0	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	11.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	287			P	1	100	3.79
7439-92-1	LEAD, TOTAL	23.7			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	16800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	505			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	2.5	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	9240			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	2.5	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	172000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.19	I		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.8	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	130			MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW3I01

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	477			MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.53	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.5	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	19.3			P	2	10	2.34
7440-41-7	BERYLLIUM, TOTAL	0.74	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.10	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	24000			P	2	100	42.80
7440-47-3	CHROMIUM, TOTAL	75.0			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.36	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	26.7	I		P	2	50	5.72
7439-89-6	IRON, TOTAL	517			P	2	200	7.58
7439-92-1	LEAD, TOTAL	0.72	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	42400			P	2	100	52.00
7439-96-5	MANGANESE, TOTAL	30.5			P	2	10	1.40
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	7.1	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	51600			P	2	4000	840.00
7782-49-2	SELENIUM, TOTAL	3.4	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	784000			P	2	2000	67.60
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	165			MS	5	25	0.35
7440-66-6	ZINC, TOTAL	8.3	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 38GW3S01

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	19.0	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	1.1	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	2.0	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	174			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.82	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	81100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.2	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.20	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	8.3	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	154			P	1	100	3.79
7439-92-1	LEAD, TOTAL	3.3	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	49800			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	86.2			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	0.87	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	18000			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.8	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	443000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.32	I		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	2.6	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	115			MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1701

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	57.4	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.64	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.7	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	108			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.05	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	51000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	3.4	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.15	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	138			P	1	100	3.79
7439-92-1	LEAD, TOTAL	0.63	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	31000			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	27.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	1.4	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	17400			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	330000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	1.4	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	15.8	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1701D

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	80.4	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.69	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.3	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	96.9			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.07	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.08	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	45500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	3.4	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.18	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	164			P	1	100	3.79
7439-92-1	LEAD, TOTAL	0.67	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	26600			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	22.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	1.4	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	15900			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	274000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	1.9	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	16.2	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1801

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	66.2	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	1.0	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	7.6	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	192			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.05	U		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.48	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	118000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	4.4	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.38	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	59.4	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.3	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	33900			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	44.4			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	1.6	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	16500			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	2.4	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	437000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.8	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	60.8			MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW1901

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	68.7	I		MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	1.0	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	13.3			MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	71.0			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.10	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.12	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	64500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	4.1	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.18	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	5.9	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	78.4	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	1.9	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	32200			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	31.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	0.88	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	13400			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	2.3	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	296000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.16	I		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	3.6	I		MS	5	25	0.35
7440-66-6	ZINC, TOTAL	9.1	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW2001

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	674			MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.94	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.8	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	24.8			P	2	10	2.34
7440-41-7	BERYLLIUM, TOTAL	0.40	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.05	I		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	23500			P	2	100	42.80
7440-47-3	CHROMIUM, TOTAL	33.6			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.20	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	11.8	I		P	2	50	5.72
7439-89-6	IRON, TOTAL	8220			P	2	200	7.58
7439-92-1	LEAD, TOTAL	0.70	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	32400			P	2	100	52.00
7439-96-5	MANGANESE, TOTAL	109			P	2	10	1.40
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	5.9	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	48700			P	2	4000	840.00
7782-49-2	SELENIUM, TOTAL	2.8	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	703000			P	2	2000	67.60
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	104			MS	5	25	0.35
7440-66-6	ZINC, TOTAL	10.6	I		MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** 46GW2001D

Matrix: WATER **SDG Name:** CTO367-6

Percent Solids: 0.00 **Lab Sample ID:** WV6788-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	862			MS	5	300	15.35
7440-36-0	ANTIMONY, TOTAL	0.75	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	2.0	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	25.0			P	2	10	2.34
7440-41-7	BERYLLIUM, TOTAL	0.40	I		MS	5	5.0	0.05
7440-43-9	CADMIUM, TOTAL	0.05	U		MS	5	10	0.05
7440-70-2	CALCIUM, TOTAL	22800			P	2	100	42.80
7440-47-3	CHROMIUM, TOTAL	43.9			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	0.21	I		MS	5	30	0.05
7440-50-8	COPPER, TOTAL	97.8			P	2	50	5.72
7439-89-6	IRON, TOTAL	8100			P	2	200	7.58
7439-92-1	LEAD, TOTAL	1.3	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	31400			P	2	100	52.00
7439-96-5	MANGANESE, TOTAL	105			P	2	10	1.40
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	7.5	I		MS	5	40	0.05
7440-09-7	POTASSIUM, TOTAL	47200			P	2	4000	840.00
7782-49-2	SELENIUM, TOTAL	2.6	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	0.05	U		MS	5	15	0.05
7440-23-5	SODIUM, TOTAL	677000			P	2	2000	67.60
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	104			MS	5	25	0.35
7440-66-6	ZINC, TOTAL	26.2			MS	5	25	0.30

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

Client: Tetra-Tech NUS | Contact: C. Odom | Phone #: (850) 210 3681 | Fax #: ( )

Address: 3360 Capital Circle NE | City: Tallahasse | State: FL | Zip Code: 32308

Purchase Order # | Proj. Name / No: CTO 367/333 | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): C. Odom

Copies To:

LAB USE ONLY | WORK ORDER #: WV6788

KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☒ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N 8260 TCL VOC HCL	Filt. ☐Y ☐N 504.1 EDB HCL	Filt. ☐Y ☐N FL-PRO HCL	Filt. ☐Y ☐N 8081/8082 PEST/PCB 4°	Filt. ☐Y ☐N 8270 TCL SVOC PAHS 4°	Filt. ☐Y ☐N TAL metals HNO3	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	46GW1901	12/20/0925	GW	12	3	2	2	2	2	1				
	46GW2001	12/20/0930	GW	12	3	2	2	2	2	1				
	46GW2001D	12/26/0930	GW	12	3	2	2	2	2	1				
	46GW1701	12/26/1130	GW	12	3	2	2	2	2	1				
	46GW1701D	12/26/1130	GW	12	3	2	2	2	2	1				
	46GW1801	12/20/1140	GW	12	3	2	2	2	2	1				
	38GW3501	12/20/1140	GW	12	3	2	2	2	2	1				
	38GW1101	12/20/0945	GW	12	3	2	2	2	2	1				
	38GW1501	12/20/0950	GW	12	3	2	2	2	2	1				
	38GW0501	12/20/1130	GW	12	3	2	2	2	2	1				
	38GW1301	12/20/1250	GW	12	3	2	2	2	2	1				
	38GW3101	12/20/1315	GW	12	3	2	2	2	2	1				
	46TB1220	12/20/1230	QA	2	2	—	—	—	—	—				
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
C. Odom	12/20 1600	12/21/05 1050			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

HOLDTIME

SDG CTO367-6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
HG	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/5/2006	1/5/2006	16	0	16
M	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1701	WV6788-004	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1701D	WV6788-005	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	46GW2001D	WV6788-003	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1801	WV6788-006	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW2001	WV6788-002	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	46GW1901	WV6788-001	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3S01	WV6788-007	NM	12/20/2005	1/6/2006	1/10/2006	17	4	21
M	UG/L	38GW0501	WV6788-010	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1301	WV6788-011	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
M	UG/L	38GW1I01	WV6788-008	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	38GW1S01	WV6788-009	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/6/2006	1/13/2006	17	7	24
M	UG/L	38GW3I01	WV6788-012	NM	12/20/2005	1/6/2006	1/11/2006	17	5	22
OS	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW1701D	WV6788-5	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	%	46GW1901	WV6788-1	NM	12/20/2005	12/27/2005	1/14/2006	7	18	25
OS	%	46GW2001D	WV6788-3	NM	12/20/2005	12/27/2005	1/16/2006	7	20	27
OS	%	46GW1901DL	WV6788-1DL	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	46GW1701	WV6788-4	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28
OS	%	38GW1S01	WV6788-9	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	46GW2001	WV6788-2	NM	12/20/2005	12/27/2005	1/20/2006	7	24	31
OS	%	46GW1801	WV6788-6	NM	12/20/2005	12/27/2005	1/24/2006	7	28	35
OS	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/23/2006	7	27	34
OS	%	38GW3S01	WV6788-7	NM	12/20/2005	12/27/2005	1/17/2006	7	21	28

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-6

Sample Receipt

The following samples were received on December 21, 2005 and were logged in under Katahdin Analytical Services work order number WV6788 for a hardcopy due date of January 16, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6788-1	46GW1901
WV6788-2	46GW2001
WV6788-3	46GW2001D
WV6788-4	46GW1701
WV6788-5	46GW1701D
WV6788-6	46GW1801
WV6788-7	38GW3S01
WV6788-8	38GW1I01
WV6788-9	38GW1S01
WV6788-10	38GW0501
WV6788-11	38GW1301
WV6788-12	38GW3I01
WV6788-13	46TB1220

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO367-6 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA, and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995 and/or "Methods for the Determination

8081 Analysis

Samples WV6788-1, 2, 3, 6 and 12 had low recoveries for the extraction surrogate DCB on both channels, which were outside of the laboratory established acceptance limits. The samples were reextracted twenty-two days out of hold time and analyzed. The reextracted samples WV6788-2, 3, and 12 had low recoveries for the surrogate DCB on both channels. The results from both analyses have been reported.

Sample WV6788-8 had a low recovery for the extraction surrogates DCB on channel B, which was outside of the laboratory established acceptance limits. Since the recoveries for TCX on both channels and DCB on channel A were acceptable, the sample was not reextracted.

The opening CV (file 8WA1057) had a high response for TCX on channel A, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all of the responses on the confirmation channel were within the acceptance limits, the associated samples were not reanalyzed.

The closing CV (files 8WA1080 and 8WA2080) had low responses for 4,4'-DDT and methoxychlor on both channels, a low response for endrin, endrin aldehyde and endosulfan sulfate on channel A and a high response for TCX on channel A. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The closing CV (files 8WA3067 and 8WA4067) had a low response for 4,4'-DDT on channel A, high responses for 4,4'DDD and DCB on channel A, high responses for delta-BHC, endrin ketone, methoxychlor and endosulfan sulfate on both channels and a low response for heptachlor epoxide on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%.

The closing CV (file 8WA3151) had a low response for alpha-BHC on the A channel, which resulted in a %D that was outside of the method acceptance limits of 15%. Since all responses were within the method acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

Some of the samples and the associated QC were put through a sulfur cleanup according to SW846 method 3660 using the copper powder technique. The cleanup had little or no effect on removing the sulfur. Consequently, some of the samples may have sulfur interference affecting the quantitation of target analytes. Since there was no significant improvement with the sulfur cleanup extracts, the results from the non-sulfur cleanup extracts are reported.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO367-6 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP) and Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample Nos. WV6788-(1-12) were digested for ICP and ICP-MS analysis on 01/06/06 (QC Batch WA06ICW0) in accordance with USEPA Method 3010A.

ICP analyses of SDG CTO367-6 sample digestates were performed using a Thermo Jarrell Ash (TJA) ICAP 61E ICP spectrometer. ICP-MS analyses of SDG CTO367-6 sample digestates were performed using an Agilent 7500 ICP-MS spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Nos. WV6788-(1-12) were digested for mercury analysis on 01/05/06 (QC Batch WA05HGW1) in accordance with USEPA Method 7470A.

Mercury analyses of Katahdin SDG CTO367-6 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.26.06

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-6 **SOW No.** SW846

Client Field ID	Lab Sample ID
38GW0501	WV6788-010
38GW1301	WV6788-011
38GW1I01	WV6788-008
38GW1S01	WV6788-009
38GW3I01	WV6788-012
38GW3S01	WV6788-007
46GW1701	WV6788-004
46GW1701D	WV6788-005
46GW1801	WV6788-006
46GW1901	WV6788-001
46GW2001	WV6788-002
46GW2001D	WV6788-003

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A Morgan Name: Edward A. Morgan

Date: January 26, 2006 Title: Senior Chemist

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICV

File: BWA10B Jan 10, 2006 14:22

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20201.04	101.0
BARIUM	500.0	503.83	100.8
CALCIUM	20000.0	20278.33	101.4
COPPER	500.0	499.04	99.8
IRON	20000.0	20811.47	104.1
MAGNESIUM	20000.0	20336.04	101.7
MANGANESE	500.0	504.33	100.9
POTASSIUM	20000.0	20779.43	103.9
SODIUM	20000.0	20396.87	102.0

SAMPLE: CCV

File: BWA10B Jan 10, 2006 15:05

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51223.23	102.4
BARIUM	1000.0	991.23	99.1
CALCIUM	50000.0	51468.03	102.9
COPPER	1000.0	990.57	99.1
IRON	20000.0	20717.30	103.6
MAGNESIUM	50000.0	51340.64	102.7
MANGANESE	1000.0	996.48	99.6
POTASSIUM	50000.0	49976.47	100.0
SODIUM	50000.0	50025.76	100.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 16:13

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51712.06	103.4
BARIUM	1000.0	986.76	98.7
CALCIUM	50000.0	51929.28	103.9
COPPER	1000.0	988.74	98.9
IRON	20000.0	20747.90	103.7
MAGNESIUM	50000.0	51720.25	103.4
MANGANESE	1000.0	990.93	99.1
POTASSIUM	50000.0	50490.99	101.0
SODIUM	50000.0	50576.14	101.2

SAMPLE: CCV

File: BWA10B Jan 10, 2006 16:59

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51817.21	103.6
BARIUM	1000.0	982.47	98.2
CALCIUM	50000.0	52184.91	104.4
COPPER	1000.0	985.47	98.5
IRON	20000.0	20802.00	104.0
MAGNESIUM	50000.0	51943.11	103.9
MANGANESE	1000.0	987.80	98.8
POTASSIUM	50000.0	50231.02	100.5
SODIUM	50000.0	49695.32	99.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 18:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52077.90	104.2
BARIUM	1000.0	995.48	99.5
CALCIUM	50000.0	52041.73	104.1
COPPER	1000.0	993.60	99.4
IRON	20000.0	20877.29	104.4
MAGNESIUM	50000.0	51727.72	103.5
MANGANESE	1000.0	989.54	99.0
POTASSIUM	50000.0	51270.70	102.5
SODIUM	50000.0	51334.00	102.7

SAMPLE: CCV

File: BWA10B Jan 10, 2006 19:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52501.35	105.0
BARIUM	1000.0	993.77	99.4
CALCIUM	50000.0	52085.23	104.2
COPPER	1000.0	993.04	99.3
IRON	20000.0	20803.99	104.0
MAGNESIUM	50000.0	52187.81	104.4
MANGANESE	1000.0	990.90	99.1
POTASSIUM	50000.0	50202.07	100.4
SODIUM	50000.0	51184.60	102.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 20:25

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53255.09	106.5
BARIUM	1000.0	979.59	98.0
CALCIUM	50000.0	52780.76	105.6
COPPER	1000.0	978.14	97.8
IRON	20000.0	21086.72	105.4
MAGNESIUM	50000.0	52989.45	106.0
MANGANESE	1000.0	986.13	98.6
POTASSIUM	50000.0	51405.21	102.8
SODIUM	50000.0	51377.63	102.8

SAMPLE: CCV

File: BWA10B Jan 10, 2006 21:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53867.70	107.7
BARIUM	1000.0	985.62	98.6
CALCIUM	50000.0	52892.44	105.8
COPPER	1000.0	987.50	98.8
IRON	20000.0	21238.71	106.2
MAGNESIUM	50000.0	53253.44	106.5
MANGANESE	1000.0	996.59	99.7
POTASSIUM	50000.0	51171.73	102.3
SODIUM	50000.0	51493.60	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 10, 2006 22:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53544.51	107.1
BARIUM	1000.0	981.55	98.2
CALCIUM	50000.0	52205.49	104.4
COPPER	1000.0	982.14	98.2
IRON	20000.0	21120.60	105.6
MAGNESIUM	50000.0	52699.17	105.4
MANGANESE	1000.0	992.74	99.3
POTASSIUM	50000.0	51239.97	102.5
SODIUM	50000.0	51414.11	102.8

SAMPLE: CCV

File: BWA10B Jan 10, 2006 23:58

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53786.66	107.6
BARIUM	1000.0	982.77	98.3
CALCIUM	50000.0	52219.98	104.4
COPPER	1000.0	988.38	98.8
IRON	20000.0	21129.68	105.6
MAGNESIUM	50000.0	52723.92	105.4
MANGANESE	1000.0	994.81	99.5
POTASSIUM	50000.0	52211.44	104.4
SODIUM	50000.0	50928.81	101.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: BWA10B Jan 11, 2006 1:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53435.31	106.9
BARIUM	1000.0	974.52	97.5
CALCIUM	50000.0	51719.12	103.4
COPPER	1000.0	982.00	98.2
IRON	20000.0	21069.10	105.3
MAGNESIUM	50000.0	52218.80	104.4
MANGANESE	1000.0	983.19	98.3
POTASSIUM	50000.0	52030.98	104.1
SODIUM	50000.0	50899.33	101.8

SAMPLE: CCV

File: BWA10B Jan 11, 2006 2:02

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53605.36	107.2
BARIUM	1000.0	973.25	97.3
CALCIUM	50000.0	51569.52	103.1
COPPER	1000.0	986.42	98.6
IRON	20000.0	21046.32	105.2
MAGNESIUM	50000.0	52247.11	104.5
MANGANESE	1000.0	986.29	98.6
POTASSIUM	50000.0	51575.41	103.2
SODIUM	50000.0	50495.25	101.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICV

File: FWA13A Jan 13, 2006 12:00

Analyte	True	Found	%R (1)
ALUMINUM	400.0	412.70	103.2
ANTIMONY	20.0	18.69	93.5
ARSENIC	20.0	18.48	92.4
BERYLLIUM	20.0	18.37	91.9
CADMIUM	20.0	18.57	92.8
CALCIUM	4000.0	4206.00	105.2
CHROMIUM	20.0	18.75	93.8
COBALT	20.0	18.44	92.2
IRON	4000.0	4199.00	105.0
LEAD	20.0	18.53	92.7
MAGNESIUM	4000.0	4287.00	107.2
MOLYBDENUM	40.0	39.44	98.6
NICKEL	20.0	18.59	93.0
POTASSIUM	4000.0	4239.00	106.0
SELENIUM	20.0	18.57	92.8
SILVER	20.0	18.92	94.6
SODIUM	4000.0	4258.00	106.5
THALLIUM	20.0	18.33	91.6
VANADIUM	20.0	18.09	90.5
ZINC	20.0	18.43	92.2

SAMPLE: CCV

File: FWA13A Jan 13, 2006 13:09

Analyte	True	Found	%R (1)
ALUMINUM	500.0	524.40	104.9
ANTIMONY	25.0	24.90	99.6
ARSENIC	25.0	24.86	99.4
BERYLLIUM	25.0	25.38	101.5
CADMIUM	25.0	23.79	95.2
CALCIUM	5000.0	5041.00	100.8
CHROMIUM	25.0	25.25	101.0
COBALT	25.0	24.87	99.5
IRON	5000.0	4982.00	99.6
LEAD	25.0	25.53	102.1
MAGNESIUM	5000.0	5164.00	103.3
MOLYBDENUM	25.0	26.73	106.9
NICKEL	25.0	24.92	99.7
POTASSIUM	5000.0	5119.00	102.4
SELENIUM	25.0	24.45	97.8
SILVER	25.0	23.89	95.6
SODIUM	5000.0	5144.00	102.9
THALLIUM	25.0	25.57	102.3
VANADIUM	25.0	24.48	97.9
ZINC	25.0	25.31	101.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: FWA13A Jan 13, 2006 14:27

Analyte	True	Found	%R (1)
ALUMINUM	500.0	474.80	95.0
ANTIMONY	25.0	24.46	97.8
ARSENIC	25.0	24.74	99.0
BERYLLIUM	25.0	25.41	101.6
CADMIUM	25.0	25.12	100.5
CALCIUM	5000.0	5034.00	100.7
CHROMIUM	25.0	26.04	104.2
COBALT	25.0	25.75	103.0
IRON	5000.0	5209.00	104.2
LEAD	25.0	25.31	101.2
MAGNESIUM	5000.0	4761.00	95.2
MOLYBDENUM	25.0	24.53	98.1
NICKEL	25.0	25.79	103.2
POTASSIUM	5000.0	4942.00	98.8
SELENIUM	25.0	25.18	100.7
SILVER	25.0	25.19	100.8
SODIUM	5000.0	4852.00	97.0
THALLIUM	25.0	25.79	103.2
VANADIUM	25.0	25.19	100.8
ZINC	25.0	26.01	104.0

SAMPLE: CCV

File: FWA13A Jan 13, 2006 16:00

Analyte	True	Found	%R (1)
ALUMINUM	500.0	467.60	93.5
ANTIMONY	25.0	24.87	99.5
ARSENIC	25.0	24.72	98.9
BERYLLIUM	25.0	25.73	102.9
CADMIUM	25.0	25.59	102.4
CALCIUM	5000.0	5100.00	102.0
CHROMIUM	25.0	26.35	105.4
COBALT	25.0	26.19	104.8
IRON	5000.0	5231.00	104.6
LEAD	25.0	25.56	102.2
MAGNESIUM	5000.0	4836.00	96.7
MOLYBDENUM	25.0	24.80	99.2
NICKEL	25.0	26.21	104.8
POTASSIUM	5000.0	4926.00	98.5
SELENIUM	25.0	24.91	99.6
SILVER	25.0	25.37	101.5
SODIUM	5000.0	4959.00	99.2
THALLIUM	25.0	25.98	103.9
VANADIUM	25.0	25.47	101.9
ZINC	25.0	25.84	103.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: FWA13A Jan 13, 2006 17:33

Analyte	True	Found	%R (1)
ALUMINUM	500.0	485.70	97.1
ANTIMONY	25.0	25.13	100.5
ARSENIC	25.0	25.15	100.6
BERYLLIUM	25.0	25.53	102.1
CADMIUM	25.0	25.90	103.6
CALCIUM	5000.0	5087.00	101.7
CHROMIUM	25.0	25.69	102.8
COBALT	25.0	25.39	101.6
IRON	5000.0	5135.00	102.7
LEAD	25.0	25.43	101.7
MAGNESIUM	5000.0	4861.00	97.2
MOLYBDENUM	25.0	25.09	100.4
NICKEL	25.0	25.21	100.8
POTASSIUM	5000.0	4966.00	99.3
SELENIUM	25.0	25.33	101.3
SILVER	25.0	25.55	102.2
SODIUM	5000.0	4812.00	96.2
THALLIUM	25.0	25.93	103.7
VANADIUM	25.0	25.06	100.2
ZINC	25.0	25.59	102.4

SAMPLE: CCV

File: FWA13A Jan 13, 2006 19:06

Analyte	True	Found	%R (1)
ALUMINUM	500.0	498.60	99.7
ANTIMONY	25.0	25.17	100.7
ARSENIC	25.0	25.10	100.4
BERYLLIUM	25.0	24.78	99.1
CADMIUM	25.0	26.28	105.1
CALCIUM	5000.0	5112.00	102.2
CHROMIUM	25.0	25.77	103.1
COBALT	25.0	24.84	99.4
IRON	5000.0	5048.00	101.0
LEAD	25.0	25.00	100.0
MAGNESIUM	5000.0	4996.00	99.9
MOLYBDENUM	25.0	25.48	101.9
NICKEL	25.0	24.81	99.2
POTASSIUM	5000.0	5012.00	100.2
SELENIUM	25.0	25.54	102.2
SILVER	25.0	25.98	103.9
SODIUM	5000.0	4993.00	99.9
THALLIUM	25.0	26.16	104.6
VANADIUM	25.0	25.13	100.5
ZINC	25.0	25.91	103.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: FWA13A Jan 13, 2006 20:39

Analyte	True	Found	%R (1)
ALUMINUM	500.0	491.30	98.3
ANTIMONY	25.0	24.89	99.6
ARSENIC	25.0	24.91	99.6
BERYLLIUM	25.0	25.09	100.4
CADMIUM	25.0	25.85	103.4
CALCIUM	5000.0	5076.00	101.5
CHROMIUM	25.0	25.40	101.6
COBALT	25.0	24.79	99.2
IRON	5000.0	5039.00	100.8
LEAD	25.0	25.46	101.8
MAGNESIUM	5000.0	4920.00	98.4
MOLYBDENUM	25.0	25.49	102.0
NICKEL	25.0	24.78	99.1
POTASSIUM	5000.0	4987.00	99.7
SELENIUM	25.0	25.36	101.4
SILVER	25.0	25.92	103.7
SODIUM	5000.0	4916.00	98.3
THALLIUM	25.0	25.78	103.1
VANADIUM	25.0	24.98	99.9
ZINC	25.0	25.77	103.1

SAMPLE: CCV

File: FWA13A Jan 13, 2006 21:49

Analyte	True	Found	%R (1)
ALUMINUM	500.0	518.10	103.6
ANTIMONY	25.0	26.09	104.4
ARSENIC	25.0	24.95	99.8
BERYLLIUM	25.0	25.43	101.7
CADMIUM	25.0	24.60	98.4
CALCIUM	5000.0	5117.00	102.3
CHROMIUM	25.0	25.47	101.9
COBALT	25.0	25.30	101.2
IRON	5000.0	5067.00	101.3
LEAD	25.0	25.74	103.0
MAGNESIUM	5000.0	5072.00	101.4
MOLYBDENUM	25.0	27.18	108.7
NICKEL	25.0	25.44	101.8
POTASSIUM	5000.0	5116.00	102.3
SELENIUM	25.0	25.39	101.6
SILVER	25.0	24.85	99.4
SODIUM	5000.0	5054.00	101.1
THALLIUM	25.0	26.10	104.4
VANADIUM	25.0	24.87	99.5
ZINC	25.0	25.71	102.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICV

File: HWA05B Jan 05, 2006 14:10

Analyte	True	Found	%R (1)
MERCURY	6.0	5.78	96.3

SAMPLE: CCV

File: HWA05B Jan 05, 2006 14:36

Analyte	True	Found	%R (1)
MERCURY	5.0	4.60	92.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCV

File: HWA05B Jan 05, 2006 15:01

Analyte	True	Found	%R (1)
MERCURY	5.0	5.49	109.8

SAMPLE: CCV

File: HWA05B Jan 05, 2006 15:12

Analyte	True	Found	%R (1)
MERCURY	5.0	5.19	103.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CRI

File: BWA10B Jan 10, 2006 14:47

Analyte	TRUE	FOUND	% R
COPPER	50.0	52.47	104.9
MANGANESE	30.0	31.54	105.1

SAMPLE: CRI

File: BWA10B Jan 10, 2006 19:08

Analyte	TRUE	FOUND	% R
COPPER	50.0	53.48	107.0
MANGANESE	30.0	32.22	107.4

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CRI

File: BWA10B Jan 10, 2006 22:29

Analyte	TRUE	FOUND	% R
COPPER	50.0	53.92	107.8
MANGANESE	30.0	33.19	110.6

SAMPLE: CRI

File: BWA10B Jan 11, 2006 01:45

Analyte	TRUE	FOUND	% R
COPPER	50.0	55.52	111.0
MANGANESE	30.0	32.66	108.9

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CRI

File: FWA13A Jan 13, 2006 12:38

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	105.25	87.7
ARSENIC	20.0	17.93	89.6
BERYLLIUM	10.0	9.01	90.1
CADMIUM	10.0	8.96	89.6
CHROMIUM	20.0	17.32	86.6
COBALT	100.0	89.95	90.0
LEAD	6.0	5.34	89.0
NICKEL	80.0	72.10	90.1
SELENIUM	10.0	9.33	93.3
SILVER	20.0	17.90	89.5
THALLIUM	20.0	17.73	88.7
VANADIUM	100.0	87.40	87.4
ZINC	40.0	36.32	90.8

SAMPLE: CRI

File: FWA13A Jan 13, 2006 21:18

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	104.05	86.7
ARSENIC	20.0	17.96	89.8
BERYLLIUM	10.0	9.04	90.4
CADMIUM	10.0	9.79	97.9
CHROMIUM	20.0	18.56	92.8
COBALT	100.0	93.45	93.5
LEAD	6.0	5.53	92.2
NICKEL	80.0	75.15	93.9
SELENIUM	10.0	9.61	96.1
SILVER	20.0	18.47	92.3
THALLIUM	20.0	17.56	87.8
VANADIUM	100.0	91.30	91.3
ZINC	40.0	38.05	95.1

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CRA

File: HWA05B Jan 05, 2006 14:14

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.15	75.0

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

SAMPLE: PQL

File: BWA10B Jan 10, 2006 14:35 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	285.74	95.2
BARIUM	5.0	4.73	94.6
CALCIUM	50.0	52.69	105.4
COPPER	25.0	30.07	120.3
IRON	100.0	105.45	105.5
MAGNESIUM	50.0	52.00	104.0
MANGANESE	5.0	5.55	111.0
POTASSIUM	2000.0	2207.62	110.4
SODIUM	1000.0	958.04	95.8

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

SAMPLE: PQL

File: FWA13A Jan 13, 2006 12:15 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	61.32	102.2
ANTIMONY	0.2	0.19	95.0
ARSENIC	1.0	0.77	77.0
BERYLLIUM	0.2	0.19	95.0
CADMIUM	0.2	0.19	95.0
CALCIUM	20.0	18.00	90.0
CHROMIUM	0.6	0.44	73.3
COBALT	0.2	0.18	90.0
IRON	20.0	16.35	81.8
LEAD	0.2	0.17	85.0
MAGNESIUM	20.0	20.56	102.8
MOLYBDENUM	1.0	0.97	97.0
NICKEL	0.2	0.18	90.0
POTASSIUM	200.0	207.00	103.5
SELENIUM	1.0	0.89	89.0
SILVER	0.2	0.12	60.0
SODIUM	200.0	209.00	104.5
THALLIUM	0.4	0.35	87.5
VANADIUM	1.0	0.80	80.0
ZINC	2.0	1.68	84.0

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICB

File: BWA10B Jan 10, 2006 14:28

Analyte	Result	C
~~ALUMINUM~~	~~2.73~~	~~U~~
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	2.88	I
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	627.66	I
SODIUM	33.80	U

SAMPLE: CCB

File: BWA10B Jan 10, 2006 15:11

Analyte	Result	C
~~ALUMINUM~~	~~103.23~~	~~I~~
BARIUM	1.17	U
CALCIUM	103.36	
COPPER	2.86	U
IRON	38.78	I
MAGNESIUM	113.83	
MANGANESE	0.70	U
POTASSIUM	696.94	I
SODIUM	39.66	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 16:18

Analyte	Result	C
~~ALUMINUM~~	~~38.56~~	~~I~~
BARIUM	1.17	U
CALCIUM	24.73	I
COPPER	2.96	I
IRON	10.06	I
MAGNESIUM	42.19	I
MANGANESE	0.70	U
POTASSIUM	420.00	U
SODIUM	293.40	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB

File: BWA10B Jan 10, 2006 17:05

Analyte	Result	C
ALUMINUM	61.86	I
BARIUM	1.17	U
CALCIUM	25.39	I
COPPER	2.86	U
IRON	13.43	I
MAGNESIUM	39.67	I
MANGANESE	0.77	I
POTASSIUM	734.80	I
SODIUM	70.76	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 18:21

Analyte	Result	C
ALUMINUM	20.46	I
BARIUM	1.17	U
CALCIUM	27.33	I
COPPER	2.86	U
IRON	8.89	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	420.00	U
SODIUM	43.10	I

SAMPLE: CCB

File: BWA10B Jan 10, 2006 19:32

Analyte	Result	C
ALUMINUM	76.28	I
BARIUM	1.17	U
CALCIUM	71.02	
COPPER	2.86	U
IRON	27.89	I
MAGNESIUM	72.01	
MANGANESE	0.70	U
POTASSIUM	420.00	U
SODIUM	379.36	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB
File: BWA10B Jan 10, 2006 20:31

Analyte	Result	C
ALUMINUM	8.35	I
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	420.00	U
SODIUM	274.16	I

SAMPLE: CCB
File: BWA10B Jan 10, 2006 21:42

Analyte	Result	C
ALUMINUM	2.73	U
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	5.07	I
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	555.02	I
SODIUM	149.09	I

SAMPLE: CCB
File: BWA10B Jan 10, 2006 22:53

Analyte	Result	C
ALUMINUM	14.14	I
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	3.54	I
IRON	4.16	I
MAGNESIUM	27.16	I
MANGANESE	0.70	U
POTASSIUM	792.43	I
SODIUM	93.31	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB
File: BWA10B Jan 11, 2006 0:04

Analyte	Result	C
ALUMINUM	18.52	I
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.98	I
POTASSIUM	997.82	I
SODIUM	127.61	I

SAMPLE: CCB
File: BWA10B Jan 11, 2006 1:15

Analyte	Result	C
ALUMINUM	-23.92	I
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	713.95	I
SODIUM	58.38	I

SAMPLE: CCB
File: BWA10B Jan 11, 2006 2:08

Analyte	Result	C
ALUMINUM	15.68	I
BARIUM	1.17	U
CALCIUM	21.40	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
POTASSIUM	420.00	U
SODIUM	33.80	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICB			**SAMPLE: CCB**			**SAMPLE: CCB**		
File: FWA13A Jan 13, 2006 12:08			File: FWA13A Jan 13, 2006 13:17			File: FWA13A Jan 13, 2006 14:35		
Analyte	**Result**	**C**	**Analyte**	**Result**	**C**	**Analyte**	**Result**	**C**
ALUMINUM	3.07	U	ALUMINUM	3.07	U	ALUMINUM	4.50	I
ANTIMONY	0.04	I	ANTIMONY	0.08	I	ANTIMONY	0.10	I
ARSENIC	0.26	U	ARSENIC	0.26	U	ARSENIC	0.26	U
BERYLLIUM	0.01	U	BERYLLIUM	0.01	U	BERYLLIUM	0.01	I
CADMIUM	0.01	U	CADMIUM	0.01	U	CADMIUM	0.01	U
CALCIUM	3.44	U	CALCIUM	3.44	U	CALCIUM	5.00	I
CHROMIUM	-0.10	I	CHROMIUM	-0.08	I	CHROMIUM	0.04	U
COBALT	0.01	U	COBALT	0.01	U	COBALT	0.01	I
IRON	3.72	U	IRON	3.72	U	IRON	4.39	I
LEAD	0.01	U	LEAD	0.01	U	LEAD	0.02	I
MAGNESIUM	1.31	U	MAGNESIUM	3.00	I	MAGNESIUM	5.99	I
MOLYBDENUM	0.31	I	MOLYBDENUM	1.55	I	MOLYBDENUM	0.26	I
NICKEL	0.01	U	NICKEL	0.01	U	NICKEL	0.01	U
POTASSIUM	6.41	U	POTASSIUM	6.41	U	POTASSIUM	11.00	I
SELENIUM	0.32	U	SELENIUM	0.32	U	SELENIUM	0.32	U
SILVER	0.01	U	SILVER	0.01	U	SILVER	0.01	U
SODIUM	1.95	U	SODIUM	10.00	I	SODIUM	9.00	I
THALLIUM	0.04	I	THALLIUM	0.03	I	THALLIUM	0.03	U
VANADIUM	-0.07	I	VANADIUM	0.07	U	VANADIUM	0.07	U
ZINC	0.08	I	ZINC	0.67	I	ZINC	0.32	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB			**SAMPLE: CCB**			**SAMPLE: CCB**		
File: FWA13A Jan 13, 2006 16:08			File: FWA13A Jan 13, 2006 17:41			File: FWA13A Jan 13, 2006 19:14		
Analyte	**Result**	**C**	**Analyte**	**Result**	**C**	**Analyte**	**Result**	**C**
ALUMINUM	3.07	U	ALUMINUM	3.07	U	ALUMINUM	3.07	U
ANTIMONY	0.04	I	ANTIMONY	0.02	I	ANTIMONY	0.03	I
ARSENIC	0.26	U	ARSENIC	0.26	U	ARSENIC	0.26	U
BERYLLIUM	0.01	U	BERYLLIUM	0.01	U	BERYLLIUM	0.01	U
CADMIUM	0.01	U	CADMIUM	0.01	U	CADMIUM	0.01	U
~~CALCIUM~~	~~3.44~~	~~U~~	~~CALCIUM~~	~~3.44~~	~~U~~	~~CALCIUM~~	~~3.44~~	~~U~~
CHROMIUM	0.04	U	CHROMIUM	0.04	U	CHROMIUM	-0.05	I
COBALT	0.01	U	COBALT	0.01	U	COBALT	0.01	U
~~IRON~~	~~3.72~~	~~U~~	~~IRON~~	~~3.72~~	~~U~~	~~IRON~~	~~3.72~~	~~U~~
LEAD	0.01	I	LEAD	0.01	I	LEAD	0.02	I
~~MAGNESIUM~~	~~1.31~~	~~U~~	~~MAGNESIUM~~	~~1.31~~	~~U~~	~~MAGNESIUM~~	~~1.31~~	~~U~~
~~MOLYBDENUM~~	~~0.15~~	~~I~~	~~MOLYBDENUM~~	~~0.13~~	~~I~~	~~MOLYBDENUM~~	~~0.14~~	~~I~~
NICKEL	0.01	U	NICKEL	0.01	U	NICKEL	0.01	U
~~POTASSIUM~~	~~6.41~~	~~U~~	~~POTASSIUM~~	~~6.41~~	~~U~~	~~POTASSIUM~~	~~6.41~~	~~U~~
SELENIUM	0.32	U	SELENIUM	0.32	U	SELENIUM	0.32	U
SILVER	0.01	U	SILVER	0.01	U	SILVER	0.01	U
~~SODIUM~~	~~6.00~~	~~I~~	~~SODIUM~~	~~4.00~~	~~I~~	~~SODIUM~~	~~4.00~~	~~I~~
THALLIUM	0.09	I	THALLIUM	0.11	I	THALLIUM	0.17	I
VANADIUM	0.07	U	VANADIUM	0.07	U	VANADIUM	0.07	U
ZINC	0.38	I	ZINC	0.37	I	ZINC	0.37	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB

File: FWA13A Jan 13, 2006 20:47

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.02	I
ARSENIC	0.26	U
BERYLLIUM	0.01	U
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	-0.09	I
COBALT	0.01	U
IRON	3.72	U
LEAD	0.02	I
MAGNESIUM	1.31	I
MOLYBDENUM	0.14	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	2.00	I
THALLIUM	0.18	I
VANADIUM	0.07	U
ZINC	0.37	I

SAMPLE: CCB

File: FWA13A Jan 13, 2006 21:56

Analyte	Result	C
ALUMINUM	4.77	I
ANTIMONY	0.03	I
ARSENIC	0.26	U
BERYLLIUM	0.01	U
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	0.04	U
COBALT	0.01	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	4.67	I
MOLYBDENUM	1.65	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	14.00	I
THALLIUM	0.07	I
VANADIUM	0.07	U
ZINC	0.60	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICB

File: HWA05B Jan 05, 2006 14:12

Analyte	Result	C
MERCURY	-0.07	I

SAMPLE: CCB

File: HWA05B Jan 05, 2006 14:38

Analyte	Result	C
MERCURY	-0.07	I

SAMPLE: CCB

File: HWA05B Jan 05, 2006 15:03

Analyte	Result	C
MERCURY	-0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: CCB

File: HWA05B Jan 05, 2006 15:14

Analyte	Result	C
MERCURY	-0.03	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA05HGW1

Matrix: WATER **SDG Name:** CTO367-6

QC Batch ID: WA05HGW1

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.098	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA06ICW0

Matrix: WATER **SDG Name:** CTO367-6

QC Batch ID: WA06ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	4.629	I
ANTIMONY	0.920	I
ARSENIC	-0.217	I
BARIUM	1.170	U
BERYLLIUM	0.015	I
CADMIUM	0.020	I
CALCIUM	21.400	U
CHROMIUM	2.257	I
COBALT	0.010	U
COPPER	2.860	U
IRON	4.420	I
LEAD	0.389	I
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	-0.011	I
POTASSIUM	984.680	I
SELENIUM	0.484	I
SILVER	0.010	U
SODIUM	34.920	I
THALLIUM	0.011	I
VANADIUM	0.428	I
ZINC	2.328	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA10B Jan 10, 2006 22:35

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	525221	105.0
BARIUM	0	1	
CALCIUM	500000	494454	98.9
COPPER	0	-7	
IRON	200000	194913	97.5
MAGNESIUM	500000	510866	102.2
MANGANESE	4	7	
POTASSIUM	0	351	
SODIUM	0	9	

SAMPLE: ICSAB

File: BWA10B Jan 10, 2006 22:41

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	521635	104.3
BARIUM	500	505	101.0
CALCIUM	500000	489734	97.9
COPPER	500	486	97.2
IRON	200000	193640	96.8
MAGNESIUM	500000	506224	101.2
MANGANESE	504	488	96.8
POTASSIUM	20000	21083	105.4
SODIUM	20000	21391	107.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA10B Jan 11, 2006 01:50

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	518232	103.6
BARIUM	0	0	
CALCIUM	500000	481132	96.2
COPPER	0	-5	
IRON	200000	191248	95.6
MAGNESIUM	500000	500821	100.2
MANGANESE	4	8	
POTASSIUM	0	548	
SODIUM	0	-106	

SAMPLE: ICSAB

File: BWA10B Jan 11, 2006 01:56

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	517976	103.6
BARIUM	500	498	99.6
CALCIUM	500000	480307	96.1
COPPER	500	484	96.8
IRON	200000	191351	95.7
MAGNESIUM	500000	499985	100.0
MANGANESE	504	483	95.8
POTASSIUM	20000	21404	107.0
SODIUM	20000	20857	104.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA13A Jan 13, 2006 12:46

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	96620	96.6
ANTIMONY	0	1	
ARSENIC	0	0	
BERYLLIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	98860	98.9
CHROMIUM	0	2	
COBALT	0	0	
IRON	100000	94270	94.3
LEAD	1	10	
MAGNESIUM	100000	102300	102.3
MOLYBDENUM	2000	1851	92.5
NICKEL	0	1	
POTASSIUM	100000	94850	94.8
SELENIUM	0	1	
SILVER	0	0	
SODIUM	100000	96420	96.4
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	7	10	

SAMPLE: ICSAB

File: FWA13A Jan 13, 2006 12:54

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	100800	100.8
ANTIMONY	0	1	
ARSENIC	20	18	90%
BERYLLIUM	0	0	
CADMIUM	20	16	80%
CALCIUM	100000	102200	102.2
CHROMIUM	20	22	110%
COBALT	20	19	95%
IRON	100000	96520	96.5
LEAD	1	1	100%
MAGNESIUM	100000	106200	106.2
MOLYBDENUM	2000	1844	92.2
NICKEL	20	19	95%
POTASSIUM	100000	98080	98.1
SELENIUM	0	0	
SILVER	20	16	80%
SODIUM	100000	100500	100.5
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	27	22	81.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA13A Jan 13, 2006 21:25

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	95670	95.7
ANTIMONY	0	(1)	
ARSENIC	0	0	
BERYLLIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	102600	102.6
CHROMIUM	0	(3)	
COBALT	0	0	
IRON	100000	98220	98.2
LEAD	1	~~1~~ 0	
MAGNESIUM	100000	99680	99.7
MOLYBDENUM	2000	1905	95.3
NICKEL	0	(1)	
POTASSIUM	100000	97070	97.1
SELENIUM	0	(1)	
SILVER	0	0	
SODIUM	100000	97400	97.4
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	7	~~7~~ 0	

SAMPLE: ICSAB

File: FWA13A Jan 13, 2006 21:33

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	99990	100.0
ANTIMONY	0	1	
ARSENIC	20	18	90%
BERYLLIUM	0	0	
CADMIUM	20	16	80%
CALCIUM	100000	102900	102.9
CHROMIUM	20	23	115%
COBALT	20	19	95%
IRON	100000	98040	98.0
LEAD	1	1	100%
MAGNESIUM	100000	106000	106.0
MOLYBDENUM	2000	1879	94.0
NICKEL	20	19	95%
POTASSIUM	100000	98600	98.6
SELENIUM	0	1	
SILVER	20	17	85%
SODIUM	100000	100400	100.4
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	27	22	81.5

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	38GW1301	0.62	u	Sodium	96420	1	443000	4.59	na	na
Chromium	38GW1301	6.1	u	Sodium	96420	2	443000	9.19	na	na
Nickel	38GW1301	1.1		Sodium	96420	1	443000	4.59	J	na
Selenium	38GW1301	1.6	U	Sodium	96420	1	443000	4.59	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	38GW1I01	0.54	u	Sodium	96420	1	2020000	20.95	na	na
Chromium	38GW1I01	3.7	u	Sodium	96420	2	2020000	41.90	na	na
Nickel	38GW1I01	2		Sodium	96420	1	2020000	20.95	J	na
Selenium	38GW1I01	3.3		Sodium	96420	1	2020000	20.95	J	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	38GW1I01	0.54	u	Calcium	98860	1	257000	2.60	na	na
Chromium	38GW1I01	3.7	u	Calcium	98860	2	257000	5.20	na	na
Nickel	38GW1I01	2		Calcium	98860	1	257000	2.60	J	na
Selenium	38GW1I01	3.3		Calcium	98860	1	257000	2.60	J	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	38GW3I01	0.53	u	Sodium	96420	1	784000	8.13	na	na
Chromium	38GW3I01	75		Sodium	96420	2	784000	16.26	J	na
Nickel	38GW3I01	7.1		Sodium	96420	1	784000	8.13	J	na
Selenium	38GW3I01	3.4		Sodium	96420	1	784000	8.13	J	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	38GW3S01	1.1	u	Sodium	96420	1	443000	4.59	na	na
Chromium	38GW3S01	6.2	u	Sodium	96420	2	443000	9.19	na	na
Nickel	38GW3S01	0.87		Sodium	96420	1	443000	4.59	J	na
Selenium	38GW3S01	1.8	u	Sodium	96420	1	443000	4.59	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW1701	0.64	u	Sodium	96420	1	330000	3.42	na	na
Chromium	46GW1701	3.4	u	Sodium	96420	2	330000	6.85	na	na
Nickel	46GW1701	1.4		Sodium	96420	1	330000	3.42	J	na
Selenium	46GW1701	1.6	U	Sodium	96420	1	330000	3.42	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW1701D	0.69	u	Sodium	96420	1	274000	2.84	na	na
Chromium	46GW1701D	3.4	u	Sodium	96420	2	274000	5.68	na	na
Nickel	46GW1701D	1.4		Sodium	96420	1	274000	2.84	J	na
Selenium	46GW1701D	1.6	U	Sodium	96420	1	274000	2.84	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW1801	1	u	Sodium	96420	1	437000	4.53	na	na
Chromium	46GW1801	4.4	u	Sodium	96420	2	437000	9.06	na	na
Nickel	46GW1801	1.6		Sodium	96420	1	437000	4.53	J	na
Selenium	46GW1801	2.4	u	Sodium	96420	1	437000	4.53	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW1901	1	u	Sodium	96420	1	296000	3.07	na	na
Chromium	46GW1901	4.1	u	Sodium	96420	2	296000	6.14	na	na
Nickel	46GW1901	0.88		Sodium	96420	1	296000	3.07	J	na
Selenium	46GW1901	2.3	u	Sodium	96420	1	296000	3.07	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW2001	0.94	u	Sodium	96420	1	703000	7.29	na	na
Chromium	46GW2001	33.6		Sodium	96420	2	703000	14.58	J	na
Nickel	46GW2001	5.9		Sodium	96420	1	703000	7.29	J	na
Selenium	46GW2001	2.8		Sodium	96420	1	703000	7.29	J	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	46GW2001D	0.75	u	Sodium	96420	1	677000	7.02	na	na
Chromium	46GW2001D	43.9		Sodium	96420	2	677000	14.04	J	na
Nickel	46GW2001D	7.5		Sodium	96420	1	677000	7.02	J	na
Selenium	46GW2001D	2.6		Sodium	96420	1	677000	7.02	J	na

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA05HGW1

Matrix: WATER **SDG Name:** CTO367-6

QC Batch ID: WA05HGW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	4.19	83.8	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA06ICW0

Matrix: WATER **SDG Name:** CTO367-6

QC Batch ID: WA06ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1838.00	91.9	80	120
ANTIMONY	500.0	457.80	91.6	80	120
ARSENIC	500.0	507.10	101.4	80	120
BARIUM	2000.0	2041.23	102.1	80	120
BERYLLIUM	50.0	45.59	91.2	80	120
CADMIUM	250.0	256.70	102.7	80	120
CALCIUM	2500.0	2547.60	101.9	80	120
CHROMIUM	200.0	195.00	97.5	80	120
COBALT	500.0	460.70	92.1	80	120
COPPER	250.0	258.55	103.4	80	120
IRON	1000.0	1044.27	104.4	80	120
LEAD	500.0	524.10	104.8	80	120
MAGNESIUM	5000.0	5160.39	103.2	80	120
MANGANESE	500.0	515.47	103.1	80	120
NICKEL	500.0	467.60	93.5	80	120
POTASSIUM	10000.0	10447.01	104.5	80	120
SELENIUM	500.0	480.90	96.2	80	120
SILVER	50.0	44.37	88.7	80	120
SODIUM	7500.0	8019.93	106.9	80	120
THALLIUM	500.0	506.20	101.2	80	120
VANADIUM	500.0	466.60	93.3	80	120
ZINC	500.0	454.60	90.9	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
BARIUM	5.0	1.17	P
CALCIUM	50	21.40	P
COPPER	25	2.86	P
IRON	100	3.79	P
MAGNESIUM	50	26.00	P
MANGANESE	5.0	0.70	P
POTASSIUM	2000	420.00	P
SODIUM	1000	33.80	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** F

Instrument Name: AGILENT 7500 ICP-MS **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	3.07	MS
ANTIMONY	8.0	0.01	MS
ARSENIC	8.0	0.26	MS
BERYLLIUM	5.0	0.01	MS
CADMIUM	10	0.01	MS
CHROMIUM	15	0.04	MS
COBALT	30	0.01	MS
LEAD	5.0	0.01	MS
NICKEL	40	0.01	MS
SELENIUM	10	0.32	MS
SILVER	15	0.01	MS
THALLIUM	15	0.03	MS
VANADIUM	25	0.07	MS
ZINC	25	0.06	MS

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.02	CV

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA05HGW1

Matrix: WATER **SDG Name:** CTO367-6

Method: CV **Prep Date:** 01/05/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA05HGW1	LCSWWA05HGW1	0.025	0.025
PBWWA05HGW1	PBWWA05HGW1	0.025	0.025
46GW1901	WV6788-001	0.025	0.025
46GW2001	WV6788-002	0.025	0.025
46GW2001D	WV6788-003	0.025	0.025
46GW1701	WV6788-004	0.025	0.025
46GW1701D	WV6788-005	0.025	0.025
46GW1801	WV6788-006	0.025	0.025
38GW3S01	WV6788-007	0.025	0.025
38GW1I01	WV6788-008	0.025	0.025
38GW1S01	WV6788-009	0.025	0.025
38GW0501	WV6788-010	0.025	0.025
38GW1301	WV6788-011	0.025	0.025
38GW3I01	WV6788-012	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA06ICW0

Matrix: WATER **SDG Name:** CTO367-6

Method: P **Prep Date:** 01/06/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA06ICW0	LCSWWA06ICW0	0.05	0.05
PBWWA06ICW0	PBWWA06ICW0	0.05	0.05
46GW1901	WV6788-001	0.05	0.05
46GW2001	WV6788-002	0.05	0.05
46GW2001D	WV6788-003	0.05	0.05
46GW1701	WV6788-004	0.05	0.05
46GW1701D	WV6788-005	0.05	0.05
46GW1801	WV6788-006	0.05	0.05
38GW3S01	WV6788-007	0.05	0.05
38GW1I01	WV6788-008	0.05	0.05
38GW1S01	WV6788-009	0.05	0.05
38GW0501	WV6788-010	0.05	0.05
38GW1301	WV6788-011	0.05	0.05
38GW3I01	WV6788-012	0.05	0.05

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: TJA 61 ICP **File Name:** BWA10B

Date: 1/10/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements						
S0		1	13:54	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
S1		1	13:59	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
AL IEC		1	14:05	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
FE IEC		1	14:14	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICV		1	14:22	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICB		1	14:28	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
PQL		1	14:35	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
0.1 PPM CA,MG		1	14:41	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CRI		1	14:47	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSA		1	14:53	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSAB		1	14:59	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCV		1	15:05	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	15:11	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	15:37							
ZZZZZZ		1	15:43							
ZZZZZZ		1	15:49							
ZZZZZZ		10	15:55							
ZZZZZZ		1	16:01							
ZZZZZZ		1	16:07							
CCV		1	16:13	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	16:18	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	16:24							
ZZZZZZ		1	16:30							
ZZZZZZ		1	16:36							
ZZZZZZ		1	16:42							
ZZZZZZ		1	16:48							
CCV		1	16:59	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	17:05	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	17:16							
ZZZZZZ		1	17:22							
ZZZZZZ		1	17:28							
ZZZZZZ		2	17:34							
ZZZZZZ		5	17:40							
ZZZZZZ		1	17:46							
ZZZZZZ		1	17:52							
ZZZZZZ		1	17:58							
ZZZZZZ		1	18:03							
ZZZZZZ		1	18:09							
CCV		1	18:15	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	18:21	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	18:27							
ZZZZZZ		1	18:33							
ZZZZZZ		1	18:39							
ZZZZZZ		1	18:45							
ZZZZZZ		1	18:51							
ZZZZZZ		5	18:57							
ZZZZZZ		1	19:03							
CRI		1	19:08	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSA		1	19:14	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSAB		1	19:20	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: TJA 61 ICP **File Name:** BWA10B

Date: 1/10/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements					
CCV		1	19:26 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	19:32 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	19:38						
ZZZZZZ		1	19:44						
ZZZZZZ		1	19:50						
ZZZZZZ		1	19:56						
ZZZZZZ		1	20:02						
ZZZZZZ		1	20:07						
ZZZZZZ		1	20:13						
ZZZZZZ		1	20:19						
CCV		1	20:25 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	20:31 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	20:37						
ZZZZZZ		5	20:43						
ZZZZZZ		1	20:49						
ZZZZZZ		1	20:55						
ZZZZZZ		3	21:01						
ZZZZZZ		1	21:07						
ZZZZZZ		1	21:12						
ZZZZZZ		1	21:18						
ZZZZZZ		1	21:24						
ZZZZZZ		1	21:30						
CCV		1	21:36 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	21:42 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	21:48						
ZZZZZZ		1	21:54						
ZZZZZZ		1	22:00						
ZZZZZZ		1	22:06						
ZZZZZZ		1	22:12						
ZZZZZZ		1	22:17						
ZZZZZZ		1	22:23						
CRI		1	22:29 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSA		1	22:35 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSAB		1	22:41 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCV		1	22:47 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	22:53 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	22:59						
LCSWWA06ICW0		1	23:05	Ba	Ca	Cu Fe	Mg Mn	K	Na
PBWWA06ICW0		1	23:11	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-001	46GW1901	1	23:17	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-002	46GW2001	2	23:22	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-003	46GW2001D	2	23:28	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-004	46GW1701	1	23:34	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-005	46GW1701D	1	23:40	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-006	46GW1801	1	23:46	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-007	38GW3S01	1	23:52	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCV		1	23:58 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	0:04 Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-008	38GW1I01	5	0:10	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-009	38GW1S01	1	0:16	Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-010	38GW0501	1	0:22	Ba	Ca	Cu Fe	Mg Mn	K	Na

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: TJA 61 ICP **File Name:** BWA10B

Date: 1/11/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements						
WV6788-011	38GW1301	1	0:28		Ba	Ca	Cu Fe	Mg Mn	K	Na
WV6788-012	38GW3I01	2	0:33		Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	0:39							
ZZZZZZ		1	0:45							
ZZZZZZ		1	0:51							
ZZZZZZ		5	0:57							
ZZZZZZ		1	1:03							
CCV		1	1:09	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	1:15	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ZZZZZZ		1	1:21							
ZZZZZZ		1	1:27							
ZZZZZZ		1	1:33							
ZZZZZZ		1	1:39							
CRI		1	1:45	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSA		1	1:50	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
ICSAB		1	1:56	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCV		1	2:02	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na
CCB		1	2:08	Al	Ba	Ca	Cu Fe	Mg Mn	K	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA13A

Date: 1/13/06 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
Cal Blank		1	11:14	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Cal Std 1		1	11:21	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Cal Std 2		1	11:29	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Cal Std 3		1	11:37	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Cal Std 4		1	11:44	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Blank		1	11:52	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICV		1	12:00	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICB		1	12:08	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
PQL		1	12:15	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		1	12:23	
Blank		1	12:31	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CRI		5	12:38	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICSA		1	12:46	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICSAB		1	12:54	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Blank		1	13:02	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCV		1	13:09	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	13:17	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	13:25	
ZZZZZZ		5	13:33	
ZZZZZZ		5	13:40	
ZZZZZZ		5	13:48	
ZZZZZZ		5	13:56	
ZZZZZZ		5	14:04	
ZZZZZZ		5	14:11	
ZZZZZZ		5	14:19	
CCV		1	14:27	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	14:35	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		25	14:42	
ZZZZZZ		1	14:50	
PBWWA06ICW0		5	14:58	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-001	46GW1901	5	15:06	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-002	46GW2001	5	15:13	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-003	46GW2001D	5	15:21	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-004	46GW1701	5	15:29	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-005	46GW1701D	5	15:37	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-006	46GW1801	5	15:44	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
LCSWWA06ICW0		10	15:52	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
CCV		1	16:00	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	16:08	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
WV6788-007	38GW3S01	5	16:15	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-008	38GW1I01	5	16:23	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-009	38GW1S01	5	16:31	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-010	38GW0501	5	16:39	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-011	38GW1301	5	16:46	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
WV6788-012	38GW3I01	5	16:54	Al Sb As Be Cd Cr Co Pb Ni Se Ag Tl V Zn
ZZZZZZ		5	17:02	
ZZZZZZ		5	17:10	
ZZZZZZ		5	17:17	
ZZZZZZ		10	17:25	
CCV		1	17:33	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA13A

Date: 1/13/06 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
CCB		1	17:41	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	17:48	
ZZZZZZ		5	17:56	
ZZZZZZ		5	18:04	
ZZZZZZ		5	18:12	
ZZZZZZ		25	18:20	
ZZZZZZ		25	18:27	
ZZZZZZ		25	18:35	
ZZZZZZ		10	18:43	
ZZZZZZ		10	18:50	
ZZZZZZ		10	18:58	
CCV		1	19:06	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	19:14	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		1	19:21	
ZZZZZZ		1	19:29	
ZZZZZZ		1	19:37	
ZZZZZZ		1	19:45	
ZZZZZZ		1	19:53	
ZZZZZZ		1	20:00	
ZZZZZZ		1	20:08	
ZZZZZZ		10	20:16	
ZZZZZZ		10	20:24	
ZZZZZZ		10	20:31	
CCV		1	20:39	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	20:47	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	20:54	
ZZZZZZ		25	21:02	
ZZZZZZ		25	21:10	
CRI		5	21:18	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICSA		1	21:25	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
ICSAB		1	21:33	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
Blank		1	21:41	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCV		1	21:49	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn
CCB		1	21:56	Al Sb As Be Cd Ca Cr Co Fe Pb Mg Mo Ni K Se Ag Na Tl V Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-6

Instrument ID: CETAC M6100 **File Name:** HWA05B

Date: 1/5/06 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	13:58	Hg
Standard #1 (0.2 p		1	14:00	Hg
Standard #2 (0.5 p		1	14:02	Hg
Standard #3 (1.0 p		1	14:04	Hg
Standard #4 (5.0 p		1	14:06	Hg
Standard #5 (10.0		1	14:08	Hg
ICV		1	14:10	HG
ICB		1	14:12	HG
CRA		1	14:14	HG
LCSWWA05HGW1		1	14:17	HG
PBWWA05HGW1		1	14:19	HG
ZZZZZZ		1	14:21	
ZZZZZZ		1	14:23	
ZZZZZZ		1	14:25	
ZZZZZZ		1	14:27	
ZZZZZZ		1	14:29	
ZZZZZZ		1	14:31	
ZZZZZZ		1	14:34	
CCV		1	14:36	HG
CCB		1	14:38	HG
ZZZZZZ		1	14:40	
WV6788-001	46GW1901	1	14:42	HG
WV6788-002	46GW2001	1	14:44	HG
WV6788-003	46GW2001D	1	14:46	HG
WV6788-004	46GW1701	1	14:48	HG
WV6788-005	46GW1701D	1	14:51	HG
WV6788-006	46GW1801	1	14:53	HG
WV6788-007	38GW3S01	1	14:55	HG
WV6788-008	38GW1I01	1	14:57	HG
WV6788-009	38GW1S01	1	14:59	HG
CCV		1	15:01	HG
CCB		1	15:03	HG
WV6788-010	38GW0501	1	15:05	HG
WV6788-011	38GW1301	1	15:08	HG
WV6788-012	38GW3I01	1	15:10	HG
CCV		1	15:12	HG
CCB		1	15:14	HG

NAS PENSACOLA
WATER DATA
CTO367-6

FRACTION	CHEMICAL	46GW1701	UNITS	46GW1701D	RPD	D
M	ARSENIC	3.7	UG/L	3.3	11.43	0.40
M	BARIUM	108	UG/L	96.9	10.83	11.10
M	CALCIUM	51000	UG/L	45500	11.40	5500.00
M	MAGNESIUM	31000	UG/L	26600	15.28	4400.00
M	MANGANESE	27	UG/L	22.5	18.18	4.50
M	NICKEL	1.4 J	UG/L	1.4 J	0.00	0.00
M	POTASSIUM	17400	UG/L	15900	9.01	1500.00
M	SODIUM	330000	UG/L	274000	18.54	56000.00
M	ZINC	15.8	UG/L	16.2	2.50	0.40

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.

NAS PENSACOLA
WATER DATA
CTO367-6

FRACTION	CHEMICAL	46GW2001	UNITS	46GW2001D	RPD	D
M	ALUMINUM	674	UG/L	862	24.48	188.00
M	ARSENIC	1.8	UG/L	2	10.53	0.20
M	BARIUM	24.8	UG/L	25	0.80	0.20
M	BERYLLIUM	0.4	UG/L	0.4	0.00	0.00
M	CALCIUM	23500	UG/L	22800	3.02	700.00
M	CHROMIUM	33.6 J	UG/L	43.9 J	26.58	10.30
M	COPPER	ND	UG/L	97.8	NC	~~NC~~ 97.8
M	IRON	8220	UG/L	8100	1.47	120.00
M	MAGNESIUM	32400	UG/L	31400	3.13	1000.00
M	MANGANESE	109	UG/L	105	3.74	4.00
M	NICKEL	5.9 J	UG/L	7.5 J	23.88	1.60
M	POTASSIUM	48700	UG/L	47200	3.13	1500.00
M	SELENIUM	2.8 J	UG/L	2.6 J	7.41	0.20
M	SODIUM	703000	UG/L	677000	3.77	26000.00
M	VANADIUM	104	UG/L	104	0.00	0.00
M	ZINC	ND	UG/L	26.2	NC	~~NC~~ 26.2

Current RPD Quality Control Limit: 30 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	10790	--	--	--	--	--	--
SDev	112.4300	--	--	--	--	--	--
%RSD	1.041935	--	--	--	--	--	--
#1	10870	--	--	--	--	--	--
#2	10711	--	--	--	--	--	--

Method: 61E Sample Name: WV6788-002 Operator:
Run Time: 01/10/06 23:22:59
Comment:
Mode: CONC Corr. Factor: 2

Elem	Al	Ba	Be	B	Ca	Co	Cu
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.72443	.02476	.00028	.45222	23.517	.00164	.01180
SDev	.02003	.00050	.00041	.00277	.213	.00140	.00008
%RSD	2.7645	2.0056	146.56	.61203	.90516	85.861	.68998
#1	.71027	.02441	-.00001	.45026	23.367	.00064	.01174
#2	.73859	.02511	.00056	.45418	23.668	.00263	.01186

Elem	Fe	Mg	Mn	Ni	K	Si	Ag
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.2188	32.357	.10885	.02382	48.740	7.1053	.00428
SDev	.0944	.341	.00082	.00669	.194	.0782	.00000
%RSD	1.1489	1.0528	.75392	28.086	.39900	1.1004	.06346
#1	8.1520	32.116	.10826	.02855	48.602	7.0500	.00428
#2	8.2855	32.598	.10943	.01909	48.877	7.1605	.00428

Elem	Na	V	Zn	Cd	Pb	As	Sb
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	702.69	.11617	.01265	.00358	.01515	-.00417	.02403
SDev	3.66	.00679	.00195	.00465	.00643	.00225	.00312
%RSD	.52031	5.8404	15.382	129.91	42.416	53.876	12.998
#1	700.11	.11137	.01128	.00687	.01061	-.00258	.02182
#2	705.28	.12097	.01403	.00029	.01970	-.00576	.02624

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	10817	--	--	--	--	--	--
SDev	35.35534	--	--	--	--	--	--
%RSD	.3268498	--	--	--	--	--	--
#1	10842	--	--	--	--	--	--
#2	10792	--	--	--	--	--	--

Method: 61E Sample Name: WV6788-003 Operator:

46GW2001D
EWF 2/8/06

Run Time: 01/10/06 23:28:54
Comment:
Mode: CONC Corr. Factor: 2

Elem	Al	Ba	Be	B	Ca	Co	Cu
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.94882	.02498	.00027	.43646	22.765	-.00086	.09784
SDev	.01666	.00025	.00019	.00077	.282	.00299	.00510
%RSD	1.7560	.98437	71.561	.17761	1.2385	349.26	5.2116
#1	.93703	.02515	.00013	.43701	22.566	.00126	.09423
#2	.96060	.02480	.00040	.43591	22.965	-.00297	.10144

Elem	Fe	Mg	Mn	Ni	K	Si	Ag
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	8.0990	31.371	.10492	.03350	47.234	7.1590	.00767
SDev	.0946	.366	.00072	.01256	.127	.0659	.00437
%RSD	1.1679	1.1680	.68862	37.498	.26913	.92107	57.011
#1	8.0321	31.112	.10441	.02462	47.144	7.1123	.01076
#2	8.1659	31.630	.10543	.04238	47.324	7.2056	.00458

Elem	Na	V	Zn	Cd	Pb	As	Sb
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	677.02	.12111	.17761	-.00063	.02613	-.01862	.00987
SDev	9.34	.01659	.00114	.00030	.01169	.02466	.01683
%RSD	1.3801	13.698	.64008	47.309	44.756	132.44	170.52
#1	670.41	.10938	.17680	-.00042	.03439	-.03606	.02177
#2	683.63	.13285	.17841	-.00085	.01786	-.00118	-.00203

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	10984	--	--	--	--	--	--
SDev	75.66042	--	--	--	--	--	--
%RSD	.6887927	--	--	--	--	--	--
#1	11038	--	--	--	--	--	--
#2	10931	--	--	--	--	--	--

Method: 61E Sample Name: WV6788-004 Operator:
Run Time: 01/10/06 23:34:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	Ba	Be	B	Ca	Co	Cu
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.05523	.10754	-.00019	.35217	50.989	.00153	.00283
SDev	.02046	.00039	.00044	.00260	.349	.00106	.00109
%RSD	37.046	.36123	225.12	.73676	.68437	69.473	38.611
#1	.06970	.10726	-.00050	.35401	50.743	.00078	.00360
#2	.04076	.10781	.00011	.35034	51.236	.00228	.00205

Elem	Fe	Mg	Mn	Ni	K	Si	Ag

Cu = 0.09784 mg/L × 1000 ug/1 mg = 97.8 ug/L

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**G. WALKER**	**DATE:**	**NOVEMBER 15, 2005**
FROM:	**ETHAN G. LEE**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – WV5526

SAMPLES: 16/SOIL/

PEN46SB0901	PEN46SB0902	PEN46SB0903
PEN46SB1001	PEN46SB1002	PEN46SB1003
PEN46SB1101	PEN46SB1102	PEN46SB1201
PEN46SB1202	PEN46SB1301	PEN46SB1302
PEN46SB1303	PEN46SB1401	PEN46SB1402
PEN46SB1403		

Overview

The sample set for NAS Pensacola, CTO 367, SDG WV5526, consists of sixteen (16) soil environmental samples.

All samples were analyzed for select metals (aluminum, iron, and lead). The samples were collected by Tetra Tech NUS on October 19, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B.

Metals analyses were conducted using Inductively Coupled Plasma (ICP) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Analyses
• Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Laboratory Duplicate Precision
* • Laboratory Control Sample Analyses
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	223.05 ug/L	111.55 mg/kg
Iron[(1)]	3.904 mg/kg	19.52 mg/kg

(1) Maximum concentration present in soil preparation blank.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the action level for aluminum were qualified as nondetected (U) for laboratory blank contamination. Iron was not qualified for laboratory blank contamination because all results were greater than the action level.

Notes

The interfering analyte aluminum was present in sample PEN46SB1401 at a concentration comparable to the concentration of aluminum in the interference check sample (ICS) solution. Lead was present in the ICS solution at a concentration that exceeded the absolute value of the instrument detection limit (IDL). No interference effects exist for lead in this sample, so no qualification action was taken.

Matrix spike and ICP serial dilution analyses were not conducted for this SDG.

Executive Summary

Laboratory Performance: Aluminum was present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0901	nsample	PEN46SB0902	nsample	PEN46SB0903
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5526-001	lab_id	WV5526-002	lab_id	WV5526-003
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	92.9	Pct_Solids	96.7	Pct_Solids	95.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	14400		
IRON	10100		
LEAD	87		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	897		
IRON	978		
LEAD	188		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	339		
IRON	427		
LEAD	31.8		

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1001	nsample	PEN46SB1002	nsample	PEN46SB1003
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5526-004	lab_id	WV5526-005	lab_id	WV5526-006
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	82.1	Pct_Solids	97.4	Pct_Solids	82.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	43.7	U	A
IRON	53.8		
LEAD	2.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	29	U	A
IRON	32.9		
LEAD	0.92		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	257		
IRON	763		
LEAD	162		

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1101
samp_date	10/19/2005
lab_id	WV5526-007
qc_type	NM
units	MG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	116		
IRON	50.6		
LEAD	0.81		

nsample	PEN46SB1102
samp_date	10/19/2005
lab_id	WV5526-008
qc_type	NM
units	MG/KG
Pct_Solids	96.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	180		
IRON	449		
LEAD	27.7		

nsample	PEN46SB1201
samp_date	10/19/2005
lab_id	WV5526-009
qc_type	NM
units	MG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	71.7	U	A
IRON	83		
LEAD	5.4		

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1202	nsample	PEN46SB1301	nsample	PEN46SB1302
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5526-010	lab_id	WV5526-014	lab_id	WV5526-015
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	96.4	Pct_Solids	94.7	Pct_Solids	92.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	76.5	U	A
IRON	365		
LEAD	20.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2480		
IRON	2120		
LEAD	39.6		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2230		
IRON	2330		
LEAD	54.9		

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1303
samp_date	10/19/2005
lab_id	WV5526-016
qc_type	NM
units	MG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1540		
IRON	1590		
LEAD	40.8		

nsample	PEN46SB1401
samp_date	10/19/2005
lab_id	WV5526-011
qc_type	NM
units	MG/KG
Pct_Solids	77.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	23200		
IRON	12800		
LEAD	6.2		

nsample	PEN46SB1402
samp_date	10/19/2005
lab_id	WV5526-012
qc_type	NM
units	MG/KG
Pct_Solids	80.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4770		
IRON	2930		
LEAD	30.8		

PROJ_NO: 00007

SDG: WV5526 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1403
samp_date	10/19/2005
lab_id	WV5526-013
qc_type	NM
units	MG/KG
Pct_Solids	97.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	240		
IRON	256		
LEAD	40.5		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0901

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 92.9 **Lab Sample ID:** WV5526-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	14400			P	1	26	1.90
7439-89-6	IRON, TOTAL	10100			P	1	8.6	2.22
7439-92-1	LEAD, TOTAL	87.0			P	1	0.43	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0902

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 96.7 **Lab Sample ID:** WV5526-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	897			P	1	23	1.67
7439-89-6	IRON, TOTAL	978			P	1	7.6	1.96
7439-92-1	LEAD, TOTAL	188			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0903

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 95.0 **Lab Sample ID:** WV5526-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	339			P	1	28	2.03
7439-89-6	IRON, TOTAL	427			P	1	9.2	2.38
7439-92-1	LEAD, TOTAL	31.8			P	1	0.46	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1001

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 82.1 **Lab Sample ID:** WV5526-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	43.7			P	1	22	1.59
7439-89-6	IRON, TOTAL	53.8			P	1	7.2	1.86
7439-92-1	LEAD, TOTAL	2.2			P	1	0.36	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1002

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 97.4 **Lab Sample ID:** WV5526-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	29.0			P	1	24	1.72
7439-89-6	IRON, TOTAL	32.9			P	1	7.8	2.02
7439-92-1	LEAD, TOTAL	0.92			P	1	0.39	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1003

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 82.2 **Lab Sample ID:** WV5526-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	257			P	1	19	1.42
7439-89-6	IRON, TOTAL	763			P	1	6.5	1.67
7439-92-1	LEAD, TOTAL	162			P	1	0.32	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1101

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 93.4 **Lab Sample ID:** WV5526-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	116			P	1	25	1.81
7439-89-6	IRON, TOTAL	50.6			P	1	8.2	2.12
7439-92-1	LEAD, TOTAL	0.81			P	1	0.41	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1102

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 96.3 **Lab Sample ID:** WV5526-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	180			P	1	25	1.86
7439-89-6	IRON, TOTAL	449			P	1	8.4	2.18
7439-92-1	LEAD, TOTAL	27.7			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1201

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 95.6 **Lab Sample ID:** WV5526-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	71.7			P	1	20	1.44
7439-89-6	IRON, TOTAL	83.0			P	1	6.5	1.69
7439-92-1	LEAD, TOTAL	5.4			P	1	0.33	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1202

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 96.4 **Lab Sample ID:** WV5526-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	76.5			P	1	22	1.58
7439-89-6	IRON, TOTAL	365			P	1	7.2	1.86
7439-92-1	LEAD, TOTAL	20.8			P	1	0.36	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1301

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 94.7 **Lab Sample ID:** WV5526-014

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	2480			P	1	23	1.71
7439-89-6	IRON, TOTAL	2120			P	1	7.8	2.00
7439-92-1	LEAD, TOTAL	39.6			P	1	0.39	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1302

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 92.2 **Lab Sample ID:** WV5526-015

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	2230			P	1	28	2.08
7439-89-6	IRON, TOTAL	2330			P	1	9.4	2.43
7439-92-1	LEAD, TOTAL	54.9			P	1	0.47	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1303

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 93.0 **Lab Sample ID:** WV5526-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	1540			P	1	26	1.89
7439-89-6	IRON, TOTAL	1590			P	1	8.6	2.22
7439-92-1	LEAD, TOTAL	40.8			P	1	0.43	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1401

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 77.6 **Lab Sample ID:** WV5526-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	23200			P	1	26	1.88
7439-89-6	IRON, TOTAL	12800			P	1	8.5	2.20
7439-92-1	LEAD, TOTAL	6.2			P	1	0.43	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1402

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 80.1 **Lab Sample ID:** WV5526-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	4770			P	1	26	1.91
7439-89-6	IRON, TOTAL	2930			P	1	8.7	2.24
7439-92-1	LEAD, TOTAL	30.8			P	1	0.43	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1403

Matrix: SOIL **SDG Name:** WV5526

Percent Solids: 97.0 **Lab Sample ID:** WV5526-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	240			P	1	22	1.59
7439-89-6	IRON, TOTAL	256			P	1	7.2	1.86
7439-92-1	LEAD, TOTAL	40.5			P	1	0.36	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-1
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0901	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21883	21-OCT-05 08:54:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-2
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0902	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21883	21-OCT-05 08:55:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-3
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0903	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21883	21-OCT-05 08:56:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-4
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1001	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	82. %	1	CLP SOW 788	WG21883	21-OCT-05 08:57:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-5
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1002	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21883	21-OCT-05 08:58:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-6
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1003	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	82. %	1	CLP SOW 788	WG21883	21-OCT-05 08:59:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-7
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1101	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG21883	21-OCT-05 09:00:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-8
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1102	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21883	21-OCT-05 09:01:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-9
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1201	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21883	21-OCT-05 09:02:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-10
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1202	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21883	21-OCT-05 09:03:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-14
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1301	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21883	21-OCT-05 09:07:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-15
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1302	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG21883	21-OCT-05 09:08:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-16
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1303	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21883	21-OCT-05 09:10:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-11
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1401	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	78. %	1	CLP SOW 788	WG21883	21-OCT-05 09:04:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-12
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1402	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	80. %	1	CLP SOW 788	WG21883	21-OCT-05 09:05:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5526-13
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5526

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1403	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21883	21-OCT-05 09:06:00	CLP SOW 788	20-OCT-05	CP	

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG WV5526

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB1102	WV5526-008	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB0901	WV5526-001	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1401	WV5526-011	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1303	WV5526-016	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1302	WV5526-015	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1301	WV5526-014	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1402	WV5526-012	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1201	WV5526-009	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1403	WV5526-013	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1101	WV5526-007	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1003	WV5526-006	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1002	WV5526-005	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB1001	WV5526-004	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB0903	WV5526-003	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
M	MG/KG	PEN46SB0902	WV5526-002	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB1202	WV5526-010	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1102	WV5526-8	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1402	WV5526-12	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1401	WV5526-11	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1303	WV5526-16	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1302	WV5526-15	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1301	WV5526-14	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0901	WV5526-1	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1201	WV5526-9	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1403	WV5526-13	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1101	WV5526-7	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1003	WV5526-6	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1002	WV5526-5	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1001	WV5526-4	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0903	WV5526-3	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0902	WV5526-2	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB1202	WV5526-10	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2655 | PAGE 3 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G. Walker	850 385 9899	Katahdin: Andrea Colby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]	~~G. Walk~~ W.O. Olsen	850 210 3681	340 County Rd #5
	CARRIER/WAYBILL NUMBER		CITY, STATE
	Fedex 8512 8418 9248		Westbrook ME 04092

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☒ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS 6010B Pb/Fe/TAL	COMMENTS
									G	4°		
10/19	1315	PEW46 SB0901	SB09	0	6"	SO	G	1	1		✓	
10/19	1319	PEW46 SB0902	SB09	6"	2'	SO	G	1	1		✓	
10/19	1322	PEW46 SB0903	SB09	2'	4	SO	G	1	1		✓	
10/19	1413	PEW46 SB1001	SB10	0	6"	SO	G	1	1		✓	
10/19	1415	PEW46 SB1002	SB10	6"	2'	SO	G	1	1		✓	
10/19	1418	PEW46 SB1003	SB10	2'	4'	SO	G	1	1		✓	
10/19	1444	PEW46 SB1101	SB11	0	6"	SO	G	1	1		✓	
10/19	1449	PEW46 SB1102	SB11	6"	2'	SO	G	1	1		✓	
10/19	1506	PEW46 SB1201	SB12	0	6"	SO	G	1	1		✓	
10/19	1508	PEW46 SB1202	SB12	6"	2'	SO	G	1	1		✓	
10/19	1520	PEW46 SB1401	SB14	0	6"	SO	G	1	1		✓	
10/19	1523	PEW46 SB1402	SB14	6"	2'	SO	G	1	1		✓	
10/19	1526	PEW46 SB1403	SB14	2'	4'	SO	G	1	1		✓	

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
[signature]	10-19-05	1700	[signature]	10/20/05	0910
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2654 | PAGE 4 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G. Walker	850 385 9899	Katahdin : Andrea Colby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson	W. D. Olson	850 210 3681	340 County Rd #5

CARRIER/WAYBILL NUMBER	CITY, STATE
Fedex 8512 8418 9248	Westbrook Me 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☒ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G
PRESERVATIVE USED: 40°

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS 6010B Rush Pb/Fe/Al	COMMENTS
10/19	1541	PEW46SB1301	SB13	0	6"	~~GW~~ SO	G	1	1 ✓	
10/19	1545	PEW46SB1302	SB13	6"	2'	~~GW~~ SO	G	1	1 ✓	
10/19	1545	PEW46 SB1303	SB13	2'	4'	~~GW~~ SO	G	1	1 ✓	

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Matt D. Olson	10-19/05	1700	[signature]	10/20/05	0910
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
WV5526

Sample Receipt

The following samples were received on October 20, 2005 and were logged in under Katahdin Analytical Services work order number WV5526 for a hardcopy due date of November 2, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV5526-1	PEN46SB0901
WV5526-2	PEN46SB0902
WV5526-3	PEN46SB0903
WV5526-4	PEN46SB1001
WV5526-5	PEN46SB1002
WV5526-6	PEN46SB1003
WV5526-7	PEN46SB1101
WV5526-8	PEN46SB1102
WV5526-9	PEN46SB1201
WV5526-10	PEN46SB1202
WV5526-11	PEN46SB1401
WV5526-12	PEN46SB1402
WV5526-13	PEN46SB1403
WV5526-14	PEN46SB1301
WV5526-15	PEN46SB1302
WV5526-16	PEN46SB1303

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Metals Analysis

The samples of Katahdin Work Order WV5526 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WV5526-(1-16) were digested for ICP analysis on 10/20/05 (QC Batch VJ20ICS1) in accordance with USEPA Method 3050B.

ICP analyses of Work Order WV5526 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met.

Wet Chemistry Analysis

The samples of Work Order WV5526 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11.3.05

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WV5526 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN46SB0901	WV5526-001
PEN46SB0902	WV5526-002
PEN46SB0903	WV5526-003
PEN46SB1001	WV5526-004
PEN46SB1002	WV5526-005
PEN46SB1003	WV5526-006
PEN46SB1101	WV5526-007
PEN46SB1102	WV5526-008
PEN46SB1201	WV5526-009
PEN46SB1202	WV5526-010
PEN46SB1301	WV5526-014
PEN46SB1302	WV5526-015
PEN46SB1303	WV5526-016
PEN46SB1401	WV5526-011
PEN46SB1402	WV5526-012
PEN46SB1403	WV5526-013

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mandi Greenleaf Name: Mandi Greenleaf

Date: 11-02-05 Title: Analyst

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: ICV

File: AVJ21B Oct 21, 2005 17:41

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19209.33	96.0
CALCIUM	20000.0	20046.00	100.2
IRON	20000.0	20002.61	100.0
LEAD	550.0	553.04	100.6
MAGNESIUM	20000.0	20628.08	103.1

SAMPLE: CCV

File: AVJ21B Oct 21, 2005 18:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49361.91	98.7
CALCIUM	50000.0	50288.14	100.6
IRON	20000.0	19893.89	99.5
LEAD	1000.0	1034.16	103.4
MAGNESIUM	50000.0	49940.54	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ21B Oct 21, 2005 19:43

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49291.82	98.6
CALCIUM	50000.0	49212.09	98.4
IRON	20000.0	19504.56	97.5
LEAD	1000.0	1025.74	102.6
MAGNESIUM	50000.0	48448.53	96.9

SAMPLE: CCV

File: AVJ21B Oct 21, 2005 20:19

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49599.90	99.2
CALCIUM	50000.0	48952.88	97.9
IRON	20000.0	19526.19	97.6
LEAD	1000.0	1029.02	102.9
MAGNESIUM	50000.0	48103.98	96.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ21B Oct 21, 2005 21:45

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49334.43	98.7
CALCIUM	50000.0	47782.92	95.6
IRON	20000.0	19319.08	96.6
LEAD	1000.0	1012.87	101.3
MAGNESIUM	50000.0	47238.24	94.5

SAMPLE: CCV

File: AVJ21B Oct 21, 2005 23:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50047.71	100.1
CALCIUM	50000.0	48035.17	96.1
IRON	20000.0	19595.46	98.0
LEAD	1000.0	1013.67	101.4
MAGNESIUM	50000.0	47765.78	95.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVJ20ICS1

Matrix: SOIL **SDG Name:** WV5526

QC Batch ID: VJ20ICS1

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	12.970	I
IRON	3.904	I
LEAD	0.170	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: ICB

File: AVJ21B Oct 21, 2005 17:48

Analyte	Result	C
ALUMINUM	42.07	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ21B Oct 21, 2005 18:38

Analyte	Result	C
ALUMINUM	99.28	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	16.89	I

SAMPLE: CCB

File: AVJ21B Oct 21, 2005 19:50

Analyte	Result	C
ALUMINUM	155.53	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	24.63	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ21B Oct 21, 2005 20:26

Analyte	Result	C
ALUMINUM	166.41	I
CALCIUM	-19.84	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.70	I

SAMPLE: CCB

File: AVJ21B Oct 21, 2005 21:52

Analyte	Result	C
ALUMINUM	223.05	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	22.48	I

SAMPLE: CCB

File: AVJ21B Oct 21, 2005 23:18

Analyte	Result	C
ALUMINUM	192.09	I
CALCIUM	-20.51	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	13.39	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ21B Oct 21, 2005 18:17

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	496900	99.4
CALCIUM	500000	514329	102.9
IRON	200000	196159	98.1
LEAD	5	1 6	
MAGNESIUM	500000	484471	96.9

SAMPLE: ICSAB

File: AVJ21B Oct 21, 2005 18:24

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	497480	99.5
CALCIUM	500000	512435	102.5
IRON	200000	195900	98.0
LEAD	55	57	103.6
MAGNESIUM	500000	481686	96.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ21B Oct 21, 2005 20:04

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	492020	98.4
CALCIUM	500000	489640	97.9
IRON	200000	189930	95.0
LEAD	5	4 9	
MAGNESIUM	500000	461466	92.3

SAMPLE: ICSAB

File: AVJ21B Oct 21, 2005 20:12

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	491744	98.3
CALCIUM	500000	485905	97.2
IRON	200000	189265	94.6
LEAD	55	56	101.8
MAGNESIUM	500000	457739	91.5

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ21B Oct 21, 2005 22:56

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	496273	99.3
CALCIUM	500000	474570	94.9
IRON	200000	190666	95.3
LEAD	5	6 11	
MAGNESIUM	500000	456648	91.3

SAMPLE: ICSAB

File: AVJ21B Oct 21, 2005 23:04

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	497358	99.5
CALCIUM	500000	473667	94.7
IRON	200000	190642	95.3
LEAD	55	55	100.0
MAGNESIUM	500000	455640	91.1

SDG WV5526

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Lead	PEN46SB1401	6.2		Aluminum	492020	6	23200	0.28	na	na

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVJ20ICS1

Matrix: SOIL **SDG Name:** WV5526

QC Batch ID: VJ20ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1964.00	98.2	80	120
IRON	1000.0	986.77	98.7	80	120
LEAD	500.0	502.85	100.6	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVJ20ICS1

Matrix: SOIL **SDG Name:** WV5526

QC Batch ID: VJ20ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1975.45	98.8	80	120
IRON	1000.0	972.49	97.2	80	120
LEAD	500.0	505.83	101.2	80	120

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: SOIL

SDG Name: WV5526

QC Batch ID: VJ20ICS1

Lab Sample ID: LCSOVJ20ICS1

Concentration Units: mg/Kg

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	1975.45	1964.00	0.6	
IRON	20.0	972.49	986.77	1.5	
LEAD	20.0	505.83	502.85	0.6	

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	22.00	P
IRON	100	25.80	P
LEAD	5.0	1.65	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/2004

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
CALCIUM	15.00	500000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VJ20ICS1

Matrix: SOIL **SDG Name:** WV5526

Method: P **Prep Date:** 10/20/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVJ20ICS1	LC2OVJ20ICS1	1	0.1
LCSOVJ20ICS1	LCSOVJ20ICS1	1	0.1
PBSVJ20ICS1	PBSVJ20ICS1	1	0.1
PEN46SB0901	WV5526-001	1.25	0.1
PEN46SB0902	WV5526-002	1.36	0.1
PEN46SB0903	WV5526-003	1.14	0.1
PEN46SB1001	WV5526-004	1.69	0.1
PEN46SB1002	WV5526-005	1.31	0.1
PEN46SB1003	WV5526-006	1.88	0.1
PEN46SB1101	WV5526-007	1.3	0.1
PEN46SB1102	WV5526-008	1.23	0.1
PEN46SB1201	WV5526-009	1.6	0.1
PEN46SB1202	WV5526-010	1.44	0.1
PEN46SB1401	WV5526-011	1.51	0.1
PEN46SB1402	WV5526-012	1.44	0.1
PEN46SB1403	WV5526-013	1.43	0.1
PEN46SB1301	WV5526-014	1.36	0.1
PEN46SB1302	WV5526-015	1.15	0.1
PEN46SB1303	WV5526-016	1.25	0.1

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Instrument ID: TJA TRACE ICP **File Name:** AVJ21B

Date: 10/21/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time		Elements
S0		1	16:50 Al	Ca	Fe Pb Mg
S1		1	16:58 Al	Ca	Fe Pb Mg
AL IEC		1	17:08 Al	Ca	Fe Pb Mg
FE IEC		1	17:15 Al	Ca	Fe Pb Mg
MN IEC		1	17:22 Al	Ca	Fe Pb Mg
IEC		1	17:29 Al	Ca	Fe Pb Mg
ICV		1	17:41 Al	Ca	Fe Pb Mg
ICB		1	17:48 Al	Ca	Fe Pb Mg
PQL		1	17:55 Al	Ca	Fe Pb Mg
0.1PPM CA,MG		1	18:02 Al	Ca	Fe Pb Mg
CRI		1	18:10 Al	Ca	Fe Pb Mg
ICSA		1	18:17 Al	Ca	Fe Pb Mg
ICSAB		1	18:24 Al	Ca	Fe Pb Mg
CCV		1	18:31 Al	Ca	Fe Pb Mg
CCB		1	18:38 Al	Ca	Fe Pb Mg
ZZZZZZ		1	18:45		
ZZZZZZ		1	18:53		
ZZZZZZ		1	19:00		
ZZZZZZ		1	19:07		
LC2OVJ20ICS1		1	19:14 Al		Fe Pb
LCSOVJ20ICS1		1	19:21 Al		Fe Pb
PBSVJ20ICS1		1	19:28 Al		Fe Pb
ZZZZZZ		1	19:36		
CCV		1	19:43 Al	Ca	Fe Pb Mg
CCB		1	19:50 Al	Ca	Fe Pb Mg
CRI		1	19:57 Al	Ca	Fe Pb Mg
ICSA		1	20:04 Al	Ca	Fe Pb Mg
ICSAB		1	20:12 Al	Ca	Fe Pb Mg
CCV		1	20:19 Al	Ca	Fe Pb Mg
CCB		1	20:26 Al	Ca	Fe Pb Mg
WV5526-001	PEN46SB0901	1	20:33 Al		Fe Pb
WV5526-002	PEN46SB0902	1	20:40 Al		Fe Pb
WV5526-003	PEN46SB0903	1	20:47 Al		Fe Pb
WV5526-004	PEN46SB1001	1	20:55 Al		Fe Pb
WV5526-005	PEN46SB1002	1	21:02 Al		Fe Pb
WV5526-006	PEN46SB1003	1	21:09 Al		Fe Pb
WV5526-007	PEN46SB1101	1	21:16 Al		Fe Pb
WV5526-008	PEN46SB1102	1	21:23 Al		Fe Pb
WV5526-009	PEN46SB1201	1	21:30 Al		Fe Pb
WV5526-010	PEN46SB1202	1	21:38 Al		Fe Pb
CCV		1	21:45 Al	Ca	Fe Pb Mg
CCB		1	21:52 Al	Ca	Fe Pb Mg
WV5526-011	PEN46SB1401	1	21:59 Al		Fe Pb
WV5526-012	PEN46SB1402	1	22:06 Al		Fe Pb
WV5526-013	PEN46SB1403	1	22:13 Al		Fe Pb
WV5526-014	PEN46SB1301	1	22:21 Al		Fe Pb
WV5526-015	PEN46SB1302	1	22:28 Al		Fe Pb
WV5526-016	PEN46SB1303	1	22:35 Al		Fe Pb
ZZZZZZ		1	22:42		
CRI		1	22:49 Al	Ca	Fe Pb Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5526

Instrument ID: TJA TRACE ICP **File Name:** AVJ21B

Date: 10/21/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
ICSA		1	22:56	Al	Ca	Fe	Pb	Mg
ICSAB		1	23:04	Al	Ca	Fe	Pb	Mg
CCV		1	23:11	Al	Ca	Fe	Pb	Mg
CCB		1	23:18	Al	Ca	Fe	Pb	Mg

#1	167.83	.04330	.56412	.00113	.02579	.01188	157.60
#2	167.90	.04376	.56575	.00120	.02600	.01146	157.82

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.32968	.01534	.18457	117.11	30.890	4.0515	.02290
SDev	.00005	.00087	.00041	.20	.038	.0058	.00034
%RSD	.01396	5.6707	.22055	.16772	.12194	.14390	1.4962
#1	.32965	.01596	.18485	116.97	30.863	4.0474	.02314
#2	.32971	.01473	.18428	117.25	30.917	4.0556	.02266

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.10302	.00039	.37968	.00210	.04927	1.4109	.32115
SDev	.00145	.00178	.00041	.00136	.00324	.0010	.00094
%RSD	1.4097	451.18	.10814	64.899	6.5806	.07118	.29307
#1	.10405	.00165	.37939	.00306	.05157	1.4102	.32048
#2	.10200	-.00086	.37997	.00113	.04698	1.4116	.32181

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.67976	1.0099	-.00352	.00358	-.00629	.00851	.99893
SDev	.00087	.0162	.00390	.00212	.01178	.00270	.01276
%RSD	.12766	1.6034	110.84	59.213	187.38	31.797	1.2777
#1	.67915	.99849	-.00076	.00208	-.01462	.01042	1.0080
#2	.68037	1.0214	-.00627	.00508	.00204	.00659	.98990

Elem	2203/2	1960/1	1960/2
Units			
Avge	1.0154	.00023	-.00539
SDev	.0306	.01104	.00033
%RSD	3.0183	4776.0	6.1894
#1	.99377	.00804	-.00515
#2	1.0371	-.00758	-.00562

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	42404	--	--	--	--	--	--
SDev	163.3417	--	--	--	--	--	--
%RSD	.3851989	--	--	--	--	--	--
#1	42289	--	--	--	--	--	--
#2	42520	--	--	--	--	--	--

Method: NONAK Sample Name: WV5526-002 Operator:
Run Time: 10/21/05 20:40:42
Comment:
Mode: CONC Corr. Factor: 1

Sample: BEN46SB0902

96.7% solids
1.36 g
100 mL

Pb = 188 mg/kg

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	11.803	.01019	.47558	-.00044	.00465	.00237	5.6147
SDev	.010	.00126	.00044	.00002	.00029	.00003	.0155
%RSD	.08623	12.319	.09314	4.8445	6.2942	1.2975	.27669
#1	11.796	.01108	.47589	-.00046	.00485	.00235	5.6257
#2	11.810	.00930	.47527	-.00043	.00444	.00240	5.6037

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.02621	.00342	.08862	12.865	1.1251	.21471	.00079
SDev	.00209	.00139	.00176	.016	.0156	.00038	.00030
%RSD	7.9856	40.672	1.9839	.12119	1.3904	.17833	37.753
#1	.02769	.00440	.08986	12.876	1.1362	.21498	.00100
#2	.02473	.00243	.08738	12.854	1.1141	.21444	.00058

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01336	-.00005	.04230	.00544	.05043	.19111	.01976
SDev	.00148	.00182	.00008	.00204	.00144	.00160	.00034
%RSD	11.112	3486.3	.18495	37.418	2.8578	.83797	1.7396
#1	.01441	.00123	.04235	.00400	.05145	.19224	.02000
#2	.01231	-.00134	.04224	.00688	.04941	.18997	.01952

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.81411	2.4668	.00095	.00498	-.00202	.00848	2.4244
SDev	.00019	.0296	.00182	.00341	.01172	.00074	.0173
%RSD	.02320	1.1990	192.57	68.402	579.64	8.7561	.71485
#1	.81397	2.4459	-.00034	.00257	-.01031	.00901	2.4366
#2	.81424	2.4877	.00223	.00739	.00627	.00796	2.4121

Elem	2203/2	1960/1	1960/2
Units			
Avge	2.4880	.00221	.00031
SDev	.0530	.00737	.00641
%RSD	2.1300	333.54	2035.0
#1	2.4505	.00742	-.00421
#2	2.5254	-.00300	.00484

$2.4668 \text{ mg/L} \times \frac{100 \text{ mL}}{1.36 \text{ g}} = \frac{181.38}{0.967} = 188 \text{ mg/kg}$ ✓

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	42288	--	--	--	--	--	--
SDev	100.4092	--	--	--	--	--	--
%RSD	.2374413	--	--	--	--	--	--
#1	42217	--	--	--	--	--	--
#2	42359	--	--	--	--	--	--

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **NOVEMBER 15, 2005**

FROM: **ETHAN G. LEE** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – WV5527

SAMPLES: 20/SOIL/

PEN46SB0101	PEN46SB0102	PEN46SB0201
PEN46SB0202	PEN46SB0301	PEN46SB0302
PEN46SB0401	PEN46SB0402	PEN46SB0501
PEN46SB0502	PEN46SB0503	PEN46SB0601
PEN46SB0602	PEN46SB0603	PEN46SB0701
PEN46SB0702	PEN46SB0703	PEN46SB0801
PEN46SB0802	PEN46SB0803	

Overview

The sample set for NAS Pensacola, CTO 367, SDG WV5527, consists of twenty (20) soil environmental samples.

All samples were analyzed for select metals (aluminum, iron, and lead). The samples were collected by Tetra Tech NUS on October 19, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B.

Metals analyses were conducted using Inductively Coupled Plasma (ICP) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Laboratory Duplicate Results
* • Laboratory Control Sample Recoveries
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminant was detected in the laboratory method/preparation blanks at the following maximum concentration:

Analyte	Maximum Concentration	Action Level
Aluminum	94.99 ug/L	47.50 mg/kg

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. The positive result less than the action level for aluminum was qualified as nondetected (U) for laboratory blank contamination.

Notes

Matrix spike and ICP serial dilution analyses were not conducted for this SDG.

Executive Summary

Laboratory Performance: Aluminum was present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0101	nsample	PEN46SB0102	nsample	PEN46SB0201
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-001	lab_id	WV5527-002	lab_id	WV5527-003
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	85.9	Pct_Solids	93.3	Pct_Solids	97.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1240		
IRON	2250		
LEAD	133		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	523		
IRON	3020		
LEAD	133		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	335		
IRON	1640		
LEAD	70.6		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0202	nsample	PEN46SB0301	nsample	PEN46SB0302
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-004	lab_id	WV5527-005	lab_id	WV5527-006
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	95.3	Pct_Solids	87.7	Pct_Solids	96.1
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	663		
IRON	3590		
LEAD	225		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	267		
IRON	875		
LEAD	57.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	279		
IRON	1440		
LEAD	106		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0401	nsample	PEN46SB0402	nsample	PEN46SB0501
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-007	lab_id	WV5527-008	lab_id	WV5527-009
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	97.7	Pct_Solids	78.5	Pct_Solids	96.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	166		
IRON	442		
LEAD	1.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	30.3	U	A
IRON	54.8		
LEAD	0.88		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1480		
IRON	7020		
LEAD	62.6		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0502	nsample	PEN46SB0503	nsample	PEN46SB0601
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-010	lab_id	WV5527-011	lab_id	WV5527-012
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	96.9	Pct_Solids	96.2	Pct_Solids	93.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	304		
IRON	1250		
LEAD	24.4		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	154		
IRON	892		
LEAD	15.5		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	15700		
IRON	8690		
LEAD	47.7		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0602	nsample	PEN46SB0603	nsample	PEN46SB0701
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-013	lab_id	WV5527-014	lab_id	WV5527-015
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	76.9	Pct_Solids	90.2	Pct_Solids	92.5
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1510		
IRON	1720		
LEAD	75.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	306		
IRON	440		
LEAD	13.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	19700		
IRON	11200		
LEAD	21.2		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0702	nsample	PEN46SB0703	nsample	PEN46SB0801
samp_date	10/19/2005	samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-016	lab_id	WV5527-017	lab_id	WV5527-018
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	94.9	Pct_Solids	78.6	Pct_Solids	78.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1260		
IRON	3240		
LEAD	45.5		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	888		
IRON	834		
LEAD	25.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	24500		
IRON	13700		
LEAD	4.6		

PROJ_NO: 00007

SDG: WV5527 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB0802	nsample	PEN46SB0803
samp_date	10/19/2005	samp_date	10/19/2005
lab_id	WV5527-019	lab_id	WV5527-020
qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG
Pct_Solids	95.5	Pct_Solids	97.0
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2500		
IRON	2760		
LEAD	43.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	295		
IRON	284		
LEAD	4		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0101

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 85.9 **Lab Sample ID:** WV5527-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	1240			P	1	23	1.70
7439-89-6	IRON, TOTAL	2250			P	1	7.7	1.99
7439-92-1	LEAD, TOTAL	133			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0102

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 93.3 **Lab Sample ID:** WV5527-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	523			P	1	20	1.47
7439-89-6	IRON, TOTAL	3020			P	1	6.7	1.73
7439-92-1	LEAD, TOTAL	133			P	1	0.33	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0201

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 97.0 **Lab Sample ID:** WV5527-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	335			P	1	23	1.69
7439-89-6	IRON, TOTAL	1640			P	1	7.7	1.99
7439-92-1	LEAD, TOTAL	70.6			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0202

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 95.2 **Lab Sample ID:** WV5527-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	663			P	1	20	1.47
7439-89-6	IRON, TOTAL	3590			P	1	6.7	1.73
7439-92-1	LEAD, TOTAL	225			P	1	0.33	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0301

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 87.7 **Lab Sample ID:** WV5527-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	267			P	1	19	1.39
7439-89-6	IRON, TOTAL	875			P	1	6.3	1.63
7439-92-1	LEAD, TOTAL	57.9			P	1	0.31	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0302

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 96.1 **Lab Sample ID:** WV5527-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	279			P	1	22	1.62
7439-89-6	IRON, TOTAL	1440			P	1	7.4	1.90
7439-92-1	LEAD, TOTAL	106			P	1	0.37	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0401

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 97.7 **Lab Sample ID:** WV5527-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	166			P	1	21	1.52
7439-89-6	IRON, TOTAL	442			P	1	6.9	1.78
7439-92-1	LEAD, TOTAL	1.8			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0402

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 78.5 **Lab Sample ID:** WV5527-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	30.3			P	1	24	1.74
7439-89-6	IRON, TOTAL	54.8			P	1	7.9	2.04
7439-92-1	LEAD, TOTAL	0.88			P	1	0.40	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0501

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 96.7 **Lab Sample ID:** WV5527-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	1480			P	1	20	1.43
7439-89-6	IRON, TOTAL	7020			P	1	6.5	1.68
7439-92-1	LEAD, TOTAL	62.6			P	1	0.32	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0502

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 96.9 **Lab Sample ID:** WV5527-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	304			P	1	27	1.99
7439-89-6	IRON, TOTAL	1250			P	1	9.0	2.34
7439-92-1	LEAD, TOTAL	24.4			P	1	0.45	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0503

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 96.2 **Lab Sample ID:** WV5527-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	154			P	1	23	1.67
7439-89-6	IRON, TOTAL	892			P	1	7.6	1.96
7439-92-1	LEAD, TOTAL	15.5			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0601

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 93.4 **Lab Sample ID:** WV5527-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	15700			P	1	19	1.42
7439-89-6	IRON, TOTAL	8690			P	1	6.4	1.66
7439-92-1	LEAD, TOTAL	47.7			P	1	0.32	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0602

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 76.9 **Lab Sample ID:** WV5527-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	1510			P	1	23	1.66
7439-89-6	IRON, TOTAL	1720			P	1	7.6	1.95
7439-92-1	LEAD, TOTAL	75.8			P	1	0.38	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0603

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 90.2 **Lab Sample ID:** WV5527-014

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	306			P	1	24	1.78
7439-89-6	IRON, TOTAL	440			P	1	8.1	2.09
7439-92-1	LEAD, TOTAL	13.2			P	1	0.40	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0701

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 92.5 **Lab Sample ID:** WV5527-015

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	19700			P	1	25	1.84
7439-89-6	IRON, TOTAL	11200			P	1	8.4	2.16
7439-92-1	LEAD, TOTAL	21.2			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0702

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 94.9 **Lab Sample ID:** WV5527-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	1260			P	1	18	1.36
7439-89-6	IRON, TOTAL	3240			P	1	6.2	1.59
7439-92-1	LEAD, TOTAL	45.5			P	1	0.31	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0703

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 78.6 **Lab Sample ID:** WV5527-017

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	888			P	1	22	1.61
7439-89-6	IRON, TOTAL	834			P	1	7.3	1.89
7439-92-1	LEAD, TOTAL	25.8			P	1	0.36	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0801

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 78.3 **Lab Sample ID:** WV5527-018

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	24500			P	1	30	2.20
7439-89-6	IRON, TOTAL	13700			P	1	10	2.57
7439-92-1	LEAD, TOTAL	4.6			P	1	0.50	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0802

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 95.5 **Lab Sample ID:** WV5527-019

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	2500			P	1	18	1.33
7439-89-6	IRON, TOTAL	2760			P	1	6.0	1.56
7439-92-1	LEAD, TOTAL	43.8			P	1	0.30	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB0803

Matrix: SOIL **SDG Name:** WV5527

Percent Solids: 97.0 **Lab Sample ID:** WV5527-020

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted MDL
7429-90-5	ALUMINUM, TOTAL	295			P	1	21	1.52
7439-89-6	IRON, TOTAL	284			P	1	6.9	1.79
7439-92-1	LEAD, TOTAL	4.0			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-1
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0101	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	86. %	1	CLP SOW 788	WG21881	21-OCT-05 08:32:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-2
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0102	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21881	21-OCT-05 08:33:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-3
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0201	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21881	21-OCT-05 08:34:00	CLP SOW 788	20-OCT-05	CP	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-4
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0202	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21881	21-OCT-05 08:35:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-5
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0301	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	88. %	1	CLP SOW 788	WG21881	21-OCT-05 08:36:00	CLP SOW 788	20-OCT-05	CP	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-6
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0302	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21881	21-OCT-05 08:36:00	CLP SOW 788	20-OCT-05	CP	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-7
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0401	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	98. %	1	CLP SOW 788	WG21881	21-OCT-05 08:37:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-8
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0402	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	78. %	1	CLP SOW 788	WG21881	21-OCT-05 08:38:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-9
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0501	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21881	21-OCT-05 08:39:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-10
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0502	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21881	21-OCT-05 08:40:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-11
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0503	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21881	21-OCT-05 08:41:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-12
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0601	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21881	21-OCT-05 08:42:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-13
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0602	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	77. %	1	CLP SOW 788	WG21881	21-OCT-05 08:43:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-14
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0603	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG21881	21-OCT-05 08:44:00	CLP SOW 788	20-OCT-05	CP	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-15
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0701	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG21881	21-OCT-05 08:45:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-16
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0702	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21881	21-OCT-05 08:46:00	CLP SOW 788	20-OCT-05	CP	

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-17
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0703	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	79. %	1	CLP SOW 788	WG21881	21-OCT-05 08:47:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-18
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0801	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	78. %	1	CLP SOW 788	WG21883	21-OCT-05 09:11:00	CLP SOW 788	20-OCT-05	CP	

Katahdin
ANALYTICAL SERVICES

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-19
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0802	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21883	21-OCT-05 09:13:00	CLP SOW 788	20-OCT-05	CP	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5527-20
Report Date: 01-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5527

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB0803	SL	19-OCT-05	20-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21883	21-OCT-05 00:14:00	CLP SOW 788	20-OCT-05	CP	

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG WV5527

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB0502	WV5527-010	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0101	WV5527-001	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0801	WV5527-018	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0703	WV5527-017	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0702	WV5527-016	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0701	WV5527-015	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0603	WV5527-014	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0602	WV5527-013	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0802	WV5527-019	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0503	WV5527-011	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0803	WV5527-020	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0501	WV5527-009	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0402	WV5527-008	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0401	WV5527-007	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0302	WV5527-006	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB0301	WV5527-005	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0202	WV5527-004	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0201	WV5527-003	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0102	WV5527-002	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
M	MG/KG	PEN46SB0601	WV5527-012	NM	10/19/2005	10/20/2005	10/20/2005	1	0	1
TS	%	PEN46SB0502	WV5527-10	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0802	WV5527-19	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0801	WV5527-18	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0703	WV5527-17	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0702	WV5527-16	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0701	WV5527-15	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0603	WV5527-14	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0602	WV5527-13	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0101	WV5527-1	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0503	WV5527-11	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0803	WV5527-20	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0501	WV5527-9	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0402	WV5527-8	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	PEN46SB0401	WV5527-7	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0302	WV5527-6	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0301	WV5527-5	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0202	WV5527-4	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0201	WV5527-3	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0102	WV5527-2	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2
TS	%	PEN46SB0601	WV5527-12	NM	10/19/2005	10/20/2005	10/21/2005	1	1	2

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 2657 | PAGE 1 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G. Walker	850 385 9899	Katahdin : Andrea Colby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
[signature]	Bill Olson	850 210 3681	340 County Rd #5

CARRIER/WAYBILL NUMBER	CITY, STATE
Fedex 8512 8418 9248	West brook ME 04092

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS: 6010B Pb/Fe/Al

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	6010B Pb/Fe/Al	COMMENTS
10/19	0752	PEW 46 SB0101	SB01	0	6"	SO	G	1	1 ✓	
10/19	0758	PEW 46 SB0102	SB01	6"	2'	SO	G	1	1 ✓	
	WPO	~~PEW46 SB0103~~	~~SB01~~							
10/19	0831	PEW 46 SB0201	SB02	0	6"	SO	G	1	1 ✓	
10/19	0835	PEW 46 SB0202	SB02	6"	2'	SO	G	1	1 ✓	
10/19	0902	PEW 46 SB0301	SB03	0	6"	SO	G	1	1 ✓	
10/19	0904	PEW 46 SB0302	SB03	6"	2'	SO	G	1	1 ✓	
10/19	0927	PEW 46 SB0401	SB04	0"	6"	SO	G	1	1 ✓	
10/19	0929	PEW 46 SB0402	SB04	6"	2'	SO	G	1	1 ✓	
10/19	1048	PEW 46 SB0501	SB05	0	6"	SO	G	1	1 ✓	
10/19	1050	PEW 46 SB0502	SB05	6"	2'	SO	G	1	1 ✓	
10/19	1052	PEW 46 SB0503	SB05	2'	4'	SO	G	1	1 ✓	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY [signature]	10-19/05	1700	1. RECEIVED BY [signature]	10/20/05	0910
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

5000000

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2656 | PAGE 2 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEW 46	G-Walker	850 385 9899	Katahdin ; Andrea Colby
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
W.D. Olson		W.D. Olson	850 210 3681	340 County Rd #5
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		FedEx 8512 8418 9248		Westbrook ME 04092

STANDARD TAT ☒
RUSH TAT ☐
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G): G	PRESERVATIVE USED: 4°	TYPE OF ANALYSIS: Rush 6010B Pb/Fe (Al)	COMMENTS
10/19	1107	PEW46 SB0601	SB06	0	6"	SO	G	1	1	✓		
10/19	1109	PEW46 SB0602	SB06	6"	2'	SO	G	1	1	✓		
10/19	1111	PEW46 SB0603	SB06	2'	4'	SO	G	1	1	✓		
10/19	1212	PEW46 SB0701	SB07	0	6"	SO	G	1	1	✓		
10/19	1214	PEW46 SB0702	SB07	6"	2'	SO	G	1	1	✓		
10/19	1216	PEW 46 SB0703	SB07	2'	4'	SO	G	1	1	✓		
10/19	1239	PEW46 SB0801	SB08	0	6"	SO	G	1	1	✓		
10/19	1241	PEW46 SB0802	SB08	6"	2'	SO	G	1	1	✓		
10/19	1245	PEW46 SB0803	SB08	2'	4'	SO	G	1	1	✓		

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: W.D. Olson	10/19/05	1700	1. RECEIVED BY: [illegible]	10/20/05	0910
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
WV5527

Sample Receipt

The following samples were received on October 20, 2005 and were logged in under Katahdin Analytical Services work order number WV5527 for a hardcopy due date of November 2, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV5527-1	PEN46SB0101
WV5527-2	PEN46SB0102
WV5527-3	PEN46SB0201
WV5527-4	PEN46SB0202
WV5527-5	PEN46SB0301
WV5527-6	PEN46SB0302
WV5527-7	PEN46SB0401
WV5527-8	PEN46SB0402
WV5527-9	PEN46SB0501
WV5527-10	PEN46SB0502
WV5527-11	PEN46SB0503
WV5527-12	PEN46SB0601
WV5527-13	PEN46SB0602
WV5527-14	PEN46SB0603
WV5527-15	PEN46SB0701
WV5527-16	PEN46SB0702
WV5527-17	PEN46SB0703
WV5527-18	PEN46SB0801
WV5527-19	PEN46SB0802
WV5527-20	PEN46SB0803

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Metals Analysis

The samples of Katahdin Work Order WV5527 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WV5527-(1-20) were digested for ICP analysis on 10/20/05 (QC Batch VJ20ICS0) in accordance with USEPA Method 3050B.

ICP analyses of Work Order WV5527 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met.

Wet Chemistry Analysis

The samples of Work Order WV5527 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11.3.05

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WV5527 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN46SB0101	WV5527-001
PEN46SB0102	WV5527-002
PEN46SB0201	WV5527-003
PEN46SB0202	WV5527-004
PEN46SB0301	WV5527-005
PEN46SB0302	WV5527-006
PEN46SB0401	WV5527-007
PEN46SB0402	WV5527-008
PEN46SB0501	WV5527-009
PEN46SB0502	WV5527-010
PEN46SB0503	WV5527-011
PEN46SB0601	WV5527-012
PEN46SB0602	WV5527-013
PEN46SB0603	WV5527-014
PEN46SB0701	WV5527-015
PEN46SB0702	WV5527-016
PEN46SB0703	WV5527-017
PEN46SB0801	WV5527-018
PEN46SB0802	WV5527-019
PEN46SB0803	WV5527-020

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Mandi Greenleaf Name: Mandi Greenleaf

Date: 11-02-05 Title: Analyst

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: ICV

File: AVJ20C Oct 20, 2005 18:53

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19050.93	95.3
CALCIUM	20000.0	20079.36	100.4
IRON	20000.0	19920.47	99.6
LEAD	550.0	548.96	99.8
MAGNESIUM	20000.0	20623.93	103.1

SAMPLE: CCV

File: AVJ20C Oct 20, 2005 19:43

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50372.29	100.7
CALCIUM	50000.0	51609.00	103.2
IRON	20000.0	20286.95	101.4
LEAD	1000.0	1054.78	105.5
MAGNESIUM	50000.0	51545.48	103.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ20C Oct 20, 2005 21:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50799.24	101.6
CALCIUM	50000.0	51344.90	102.7
IRON	20000.0	20360.17	101.8
LEAD	1000.0	1060.09	106.0
MAGNESIUM	50000.0	51482.32	103.0

SAMPLE: CCV

File: AVJ20C Oct 20, 2005 22:35

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50324.78	100.6
CALCIUM	50000.0	50709.81	101.4
IRON	20000.0	20224.92	101.1
LEAD	1000.0	1049.46	104.9
MAGNESIUM	50000.0	51204.57	102.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ20C Oct 21, 2005 0:01

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50257.11	100.5
CALCIUM	50000.0	50336.99	100.7
IRON	20000.0	20158.84	100.8
LEAD	1000.0	1022.14	102.2
MAGNESIUM	50000.0	51044.54	102.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVJ20ICS0

Matrix: SOIL **SDG Name:** WV5527

QC Batch ID: VJ20ICS0

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	6.735	I
IRON	2.580	U
LEAD	0.170	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: ICB

File: AVJ20C Oct 20, 2005 19:00

Analyte	Result	C
ALUMINUM	28.25	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ20C Oct 20, 2005 19:50

Analyte	Result	C
ALUMINUM	41.43	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ20C Oct 20, 2005 21:16

Analyte	Result	C
ALUMINUM	94.99	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ20C Oct 20, 2005 22:42

Analyte	Result	C
ALUMINUM	86.08	I
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.89	I

SAMPLE: CCB

File: AVJ20C Oct 21, 2005 0:08

Analyte	Result	C
ALUMINUM	32.84	I
CALCIUM	41.43	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ20C Oct 20, 2005 19:29

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	502709	100.5
CALCIUM	500000	520998	104.2
IRON	200000	198734	99.4
LEAD	5	7	
MAGNESIUM	500000	497755	99.6

SAMPLE: ICSAB

File: AVJ20C Oct 20, 2005 19:36

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	503144	100.6
CALCIUM	500000	518463	103.7
IRON	200000	198224	99.1
LEAD	55	55	100.0
MAGNESIUM	500000	495048	99.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ20C Oct 20, 2005 23:47

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	506359	101.3
CALCIUM	500000	508629	101.7
IRON	200000	199386	99.7
LEAD	5	10	
MAGNESIUM	500000	497543	99.5

SAMPLE: ICSAB

File: AVJ20C Oct 20, 2005 23:54

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	520310	104.1
CALCIUM	500000	519407	103.9
IRON	200000	204025	102.0
LEAD	55	58	105.5
MAGNESIUM	500000	507500	101.5

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVJ20ICS0

Matrix: SOIL **SDG Name:** WV5527

QC Batch ID: VJ20ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1997.22	99.9	80	120
IRON	1000.0	1040.95	104.1	80	120
LEAD	500.0	520.49	104.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVJ20ICS0

Matrix: SOIL **SDG Name:** WV5527

QC Batch ID: VJ20ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1965.64	98.3	80	120
IRON	1000.0	1038.12	103.8	80	120
LEAD	500.0	508.00	101.6	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	22.00	P
IRON	100	25.80	P
LEAD	5.0	1.65	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/2004

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
CALCIUM	15.00	500000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VJ20ICS0

Matrix: SOIL **SDG Name:** WV5527

Method: P **Prep Date:** 10/20/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVJ20ICS0	LC2OVJ20ICS0	1	0.1
LCSOVJ20ICS0	LCSOVJ20ICS0	1	0.1
PBSVJ20ICS0	PBSVJ20ICS0	1	0.1
PEN46SB0101	WV5527-001	1.51	0.1
PEN46SB0102	WV5527-002	1.6	0.1
PEN46SB0201	WV5527-003	1.34	0.1
PEN46SB0202	WV5527-004	1.57	0.1
PEN46SB0301	WV5527-005	1.81	0.1
PEN46SB0302	WV5527-006	1.41	0.1
PEN46SB0401	WV5527-007	1.48	0.1
PEN46SB0402	WV5527-008	1.61	0.1
PEN46SB0501	WV5527-009	1.59	0.1
PEN46SB0502	WV5527-010	1.14	0.1
PEN46SB0503	WV5527-011	1.37	0.1
PEN46SB0601	WV5527-012	1.66	0.1
PEN46SB0602	WV5527-013	1.72	0.1
PEN46SB0603	WV5527-014	1.37	0.1
PEN46SB0701	WV5527-015	1.29	0.1
PEN46SB0702	WV5527-016	1.71	0.1
PEN46SB0703	WV5527-017	1.74	0.1
PEN46SB0801	WV5527-018	1.28	0.1
PEN46SB0802	WV5527-019	1.73	0.1
PEN46SB0803	WV5527-020	1.49	0.1

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5527

Instrument ID: TJA TRACE ICP **File Name:** AVJ20C

Date: 10/20/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time		Elements
S0		1	18:07 Al	Ca	Fe Pb Mg
S1		1	18:14 Al	Ca	Fe Pb Mg
AL IEC		1	18:24 Al	Ca	Fe Pb Mg
FE IEC		1	18:31 Al	Ca	Fe Pb Mg
MN IEC		1	18:38 Al	Ca	Fe Pb Mg
IEC		1	18:46 Al	Ca	Fe Pb Mg
ICV		1	18:53 Al	Ca	Fe Pb Mg
ICB		1	19:00 Al	Ca	Fe Pb Mg
PQL		1	19:07 Al	Ca	Fe Pb Mg
0.1PPM CA,MG		1	19:14 Al	Ca	Fe Pb Mg
CRI		1	19:22 Al	Ca	Fe Pb Mg
ICSA		1	19:29 Al	Ca	Fe Pb Mg
ICSAB		1	19:36 Al	Ca	Fe Pb Mg
CCV		1	19:43 Al	Ca	Fe Pb Mg
CCB		1	19:50 Al	Ca	Fe Pb Mg
LC2OVJ20ICS0		1	19:58 Al		Fe Pb
LCSOVJ20ICS0		1	20:05 Al		Fe Pb
PBSVJ20ICS0		1	20:12 Al		Fe Pb
WV5527-001	PEN46SB0101	1	20:19 Al		Fe Pb
WV5527-002	PEN46SB0102	1	20:26 Al		Fe Pb
WV5527-003	PEN46SB0201	1	20:33 Al		Fe Pb
WV5527-004	PEN46SB0202	1	20:41 Al		Fe Pb
WV5527-005	PEN46SB0301	1	20:48 Al		Fe Pb
WV5527-006	PEN46SB0302	1	20:55 Al		Fe Pb
WV5527-007	PEN46SB0401	1	21:02 Al		Fe Pb
CCV		1	21:09 Al	Ca	Fe Pb Mg
CCB		1	21:16 Al	Ca	Fe Pb Mg
WV5527-008	PEN46SB0402	1	21:24 Al		Fe Pb
WV5527-009	PEN46SB0501	1	21:31 Al		Fe Pb
WV5527-010	PEN46SB0502	1	21:38 Al		Fe Pb
WV5527-011	PEN46SB0503	1	21:45 Al		Fe Pb
WV5527-012	PEN46SB0601	1	21:52 Al		Fe Pb
WV5527-013	PEN46SB0602	1	21:59 Al		Fe Pb
WV5527-014	PEN46SB0603	1	22:07 Al		Fe Pb
WV5527-015	PEN46SB0701	1	22:14 Al		Fe Pb
WV5527-016	PEN46SB0702	1	22:21 Al		Fe Pb
WV5527-017	PEN46SB0703	1	22:28 Al		Fe Pb
CCV		1	22:35 Al	Ca	Fe Pb Mg
CCB		1	22:42 Al	Ca	Fe Pb Mg
WV5527-018	PEN46SB0801	1	22:50 Al		Fe Pb
WV5527-019	PEN46SB0802	1	22:57 Al		Fe Pb
WV5527-020	PEN46SB0803	1	23:04 Al		Fe Pb
ZZZZZZ		1	23:11		
ZZZZZZ		1	23:18		
ZZZZZZ		1	23:25		
ZZZZZZ		5	23:33		
CRI		1	23:40 Al	Ca	Fe Pb Mg
ICSA		1	23:47 Al	Ca	Fe Pb Mg
ICSAB		1	23:54 Al	Ca	Fe Pb Mg
CCV		1	0:01 Al	Ca	Fe Pb Mg

FORM XIV - IN

#1	.12419	.01255	.28557	21.382	1.9834	.08663	.00359
#2	.12092	.01079	.28260	21.379	1.9566	.08608	.00307

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01827	-.00079	.09298	-.00356	.03107	.22519	.01686
SDev	.00181	.00275	.00026	.00260	.00311	.00012	.00016
%RSD	9.9280	349.53	.28314	72.978	10.007	.05243	.97642

#1	.01956	.00116	.09317	-.00172	.03326	.22527	.01674
#2	.01699	-.00273	.09279	-.00540	.02887	.22511	.01697

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.48282	.91797	.00163	-.00232	-.00301	-.00198	.91633
SDev	.00001	.01109	.00095	.00230	.00696	.00693	.01697
%RSD	.00267	1.2084	58.394	99.031	231.53	349.50	1.8520

#1	.48283	.91013	.00230	-.00070	-.00793	.00292	.92833
#2	.48281	.92582	.00096	-.00395	.00192	-.00688	.90433

Elem	2203/2	1960/1	1960/2
Units			
Avge	.91879	.00224	.00132
SDev	.02510	.01370	.00541
%RSD	2.7323	610.64	409.89

#1	.90104	.01193	-.00251
#2	.93654	-.00744	.00515

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	41052	--	--	--	--	--	--
SDev	326.6833	--	--	--	--	--	--
%RSD	.7957793	--	--	--	--	--	--

#1	40821	--	--	--	--	--	--
#2	41283	--	--	--	--	--	--

Method: NONAK Sample Name: WV5527-004 Operator:
Run Time: 10/20/05 20:41:02
Comment:
Mode: CONC Corr. Factor: 1

Sample: 1EN465B0202

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	9.9124	.02114	.22668	.00034	.01202	.02192	79.669
SDev	.0157	.00155	.00083	.00007	.00035	.00026	.069
%RSD	.15814	7.3275	.36563	22.151	2.9154	1.1658	.08703

#1	9.9014	.02005	.22609	.00029	.01227	.02174	79.620
#2	9.9235	.02224	.22726	.00039	.01177	.02211	79.718

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo

95.3% solid
1.57 g
100 mL

Pb = 225 mg/kg

Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.17479	.02956	1.8523	53.638	6.0206	.30733	.00446
SDev	.00221	.00115	.0016	.087	.0119	.00080	.00212
%RSD	1.2658	3.8768	.08892	.16237	.19738	.26160	47.515
#1	.17635	.03037	1.8511	53.576	6.0290	.30676	.00596
#2	.17322	.02875	1.8534	53.700	6.0122	.30790	.00296

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.03609	.00036	.15240	-.00361	.03957	.43477	.03896
SDev	.00055	.00292	.00007	.00369	.00442	.00127	.00005
%RSD	1.5122	803.78	.04441	102.20	11.179	.29214	.12006
#1	.03647	.00243	.15235	-.00100	.04270	.43387	.03893
#2	.03570	-.00170	.15245	-.00623	.03644	.43567	.03900

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	1.5774	3.3646	.00293	.00122	-.00044	.00204	3.3569
SDev	.0035	.0418	.00107	.00475	.01116	.01269	.0245
%RSD	.21987	1.2422	36.442	389.53	2558.8	620.55	.72859
#1	1.5749	3.3351	.00369	.00457	-.00833	.01101	3.3742
#2	1.5799	3.3942	.00218	-.00214	.00745	-.00693	3.3396

Elem	2203/2	1960/1	1960/2
Units			
Avge	3.3685	.00068	.00406
SDev	.0749	.01179	.00428
%RSD	2.2227	1727.2	105.59
#1	3.3155	.00902	.00103
#2	3.4214	-.00766	.00709

$3.3646\ mg/L \times \frac{100\ mL}{1.57\ g} = \frac{214.3}{0.953} = 225\ mg/kg$ ✓

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	41238	--	--	--	--	--	--
SDev	248.1945	--	--	--	--	--	--
%RSD	.6018659	--	--	--	--	--	--
#1	41062	--	--	--	--	--	--
#2	41413	--	--	--	--	--	--

Method: NONAK Sample Name: WV5527-005 Operator:
Run Time: 10/20/05 20:48:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	4.2457	.00462	.06315	-.00011	.00398	.00269	21.281
SDev	.0058	.00170	.00027	.00007	.00078	.00002	.028
%RSD	.13682	36.792	.43373	62.657	19.488	.71685	.12941

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **NOVEMBER 16, 2005**

FROM: **ETHAN G. LEE** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – WV5581

SAMPLES: 21/SOIL/

PEN46SB1501	PEN46SB1502	PEN46SB1503
PEN46SB1601	PEN46SB1602	PEN46SB1603
PEN46SB1701	PEN46SB1702	PEN46SB1703
PEN46SB1801	PEN46SB1802	PEN46SB1803
PEN46SB1901	PEN46SB1902	PEN46SB1903
PEN46SB2001	PEN46SB2002	PEN46SB2003
PEN46SB2101	PEN46SB2102	PEN46SB2103

Overview

The sample set for NAS Pensacola, CTO 367, SDG WV5581, consists of twenty-one (21) soil environmental samples.

All samples were analyzed for select metals (aluminum, iron, and lead). The samples were collected by Tetra Tech NUS on October 20, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B.

Metals analyses were conducted using Inductively Coupled Plasma (ICP) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Analyses
• Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Laboratory Duplicate Precision
* • Laboratory Control Sample Analyses
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	306.4 ug/L	153.2 mg/kg
Iron[(1)]	5.054 mg/kg	25.27 mg/kg
Iron[(2)]	2.831 mg/kg	14.16 mg/kg

(1) Maximum concentration present in preparation blank from batch VJ21ICS0, affecting all samples except PEN46SB2003.
(2) Maximum concentration present in preparation blank from batch VJ21ICS1, affecting sample PEN46SB2003 only.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the action level for aluminum were qualified as nondetected (U) for laboratory blank contamination. Iron was not qualified for laboratory blank contamination because the results were greater than the action levels.

Notes

Matrix spike and ICP serial dilution analyses were not conducted for this SDG.

Executive Summary

Laboratory Performance: Aluminum was present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1501
samp_date	10/20/2005
lab_id	WV5581-001
qc_type	NM
units	MG/KG
Pct_Solids	89.1
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	14300		
IRON	8180		
LEAD	174		

nsample	PEN46SB1502
samp_date	10/20/2005
lab_id	WV5581-002
qc_type	NM
units	MG/KG
Pct_Solids	96.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	759		
IRON	848		
LEAD	158		

nsample	PEN46SB1503
samp_date	10/20/2005
lab_id	WV5581-003
qc_type	NM
units	MG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	314		
IRON	1770		
LEAD	23.8		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1601	nsample	PEN46SB1602	nsample	PEN46SB1603
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5581-004	lab_id	WV5581-005	lab_id	WV5581-006
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	89.8	Pct_Solids	95.4	Pct_Solids	89.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	16700		
IRON	10100		
LEAD	14.3		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	635		
IRON	1280		
LEAD	279		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	4270		
IRON	2870		
LEAD	55.7		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1701
samp_date	10/20/2005
lab_id	WV5581-007
qc_type	NM
units	MG/KG
Pct_Solids	96.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	308		
IRON	377		
LEAD	12.2		

nsample	PEN46SB1702
samp_date	10/20/2005
lab_id	WV5581-008
qc_type	NM
units	MG/KG
Pct_Solids	96.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	46.2	U	A
IRON	78.2		
LEAD	2.5		

nsample	PEN46SB1703
samp_date	10/20/2005
lab_id	WV5581-009
qc_type	NM
units	MG/KG
Pct_Solids	93.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	55.6	U	A
IRON	565		
LEAD	17.7		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1801
samp_date	10/20/2005
lab_id	WV5581-010
qc_type	NM
units	MG/KG
Pct_Solids	86.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	13900		
IRON	8040		
LEAD	29		

nsample	PEN46SB1802
samp_date	10/20/2005
lab_id	WV5581-011
qc_type	NM
units	MG/KG
Pct_Solids	96.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	225		
IRON	3130		
LEAD	286		

nsample	PEN46SB1803
samp_date	10/20/2005
lab_id	WV5581-012
qc_type	NM
units	MG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	181		
IRON	270		
LEAD	36.3		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB1901	nsample	PEN46SB1902	nsample	PEN46SB1903
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5581-013	lab_id	WV5581-014	lab_id	WV5581-015
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	87.1	Pct_Solids	90.7	Pct_Solids	92.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	6590		
IRON	3880		
LEAD	18.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	317		
IRON	201		
LEAD	1.3		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	201		
IRON	399		
LEAD	88.2		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2001	nsample	PEN46SB2002	nsample	PEN46SB2003
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5581-019	lab_id	WV5581-020	lab_id	WV5581-021
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	88.9	Pct_Solids	96.4	Pct_Solids	95.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	5510		
IRON	2730		
LEAD	79		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	231		
IRON	122		
LEAD	2.2		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	149		
IRON	108		
LEAD	29.6		

PROJ_NO: 00007

SDG: WV5581 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2101
samp_date	10/20/2005
lab_id	WV5581-016
qc_type	NM
units	MG/KG
Pct_Solids	97.5
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	9000		
IRON	10300		
LEAD	619		

nsample	PEN46SB2102
samp_date	10/20/2005
lab_id	WV5581-017
qc_type	NM
units	MG/KG
Pct_Solids	97.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	57.7	U	A
IRON	320		
LEAD	13.6		

nsample	PEN46SB2103
samp_date	10/20/2005
lab_id	WV5581-018
qc_type	NM
units	MG/KG
Pct_Solids	95.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	132		
IRON	649		
LEAD	17.3		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1501

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 89.1 **Lab Sample ID:** WV5581-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	14300			P	1	25	1.86
7439-89-6	IRON, TOTAL	8180			P	1	8.4	2.18
7439-92-1	LEAD, TOTAL	174			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1502

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 96.8 **Lab Sample ID:** WV5581-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	759			P	1	25	1.83
7439-89-6	IRON, TOTAL	848			P	1	8.3	2.15
7439-92-1	LEAD, TOTAL	158			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1503

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 95.5 **Lab Sample ID:** WV5581-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	314			P	1	26	1.87
7439-89-6	IRON, TOTAL	1770			P	1	8.5	2.20
7439-92-1	LEAD, TOTAL	23.8			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1601

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 89.8 **Lab Sample ID:** WV5581-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	16700			P	1	30	2.17
7439-89-6	IRON, TOTAL	10100			P	1	9.8	2.54
7439-92-1	LEAD, TOTAL	14.3			P	1	0.49	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1602

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 95.4 **Lab Sample ID:** WV5581-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	635			P	1	20	1.49
7439-89-6	IRON, TOTAL	1280			P	1	6.8	1.75
7439-92-1	LEAD, TOTAL	279			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1603

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 89.3 **Lab Sample ID:** WV5581-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4270			P	1	28	2.04
7439-89-6	IRON, TOTAL	2870			P	1	9.2	2.39
7439-92-1	LEAD, TOTAL	55.7			P	1	0.46	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1701

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 96.2 **Lab Sample ID:** WV5581-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	308			P	1	23	1.72
7439-89-6	IRON, TOTAL	377			P	1	7.8	2.02
7439-92-1	LEAD, TOTAL	12.2			P	1	0.39	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1702

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 96.6 **Lab Sample ID:** WV5581-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	46.2			P	1	21	1.54
7439-89-6	IRON, TOTAL	78.2			P	1	7.0	1.80
7439-92-1	LEAD, TOTAL	2.5			P	1	0.35	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1703

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 93.6 **Lab Sample ID:** WV5581-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	55.6			P	1	25	1.84
7439-89-6	IRON, TOTAL	565			P	1	8.3	2.15
7439-92-1	LEAD, TOTAL	17.7			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1801

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 86.8 **Lab Sample ID:** WV5581-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	13900			P	1	28	2.03
7439-89-6	IRON, TOTAL	8040			P	1	9.2	2.38
7439-92-1	LEAD, TOTAL	29.0			P	1	0.46	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1802

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 96.0 **Lab Sample ID:** WV5581-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	225			P	1	24	1.79
7439-89-6	IRON, TOTAL	3130			P	1	8.1	2.10
7439-92-1	LEAD, TOTAL	286			P	1	0.41	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1803

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 95.4 **Lab Sample ID:** WV5581-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	181			P	1	23	1.68
7439-89-6	IRON, TOTAL	270			P	1	7.6	1.97
7439-92-1	LEAD, TOTAL	36.3			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1901

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 87.1 **Lab Sample ID:** WV5581-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	6590			P	1	23	1.71
7439-89-6	IRON, TOTAL	3880			P	1	7.8	2.00
7439-92-1	LEAD, TOTAL	18.2			P	1	0.39	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1902

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 90.7 **Lab Sample ID:** WV5581-014

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	317			P	1	28	2.09
7439-89-6	IRON, TOTAL	201			P	1	9.5	2.45
7439-92-1	LEAD, TOTAL	1.3			P	1	0.48	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB1903

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 92.2 **Lab Sample ID:** WV5581-015

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	201			P	1	22	1.60
7439-89-6	IRON, TOTAL	399			P	1	7.3	1.88
7439-92-1	LEAD, TOTAL	88.2			P	1	0.36	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2001

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 88.8 **Lab Sample ID:** WV5581-019

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	5510			P	1	25	1.85
7439-89-6	IRON, TOTAL	2730			P	1	8.4	2.17
7439-92-1	LEAD, TOTAL	79.0			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2002

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 96.4 **Lab Sample ID:** WV5581-020

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	231			P	1	26	1.95
7439-89-6	IRON, TOTAL	122			P	1	8.9	2.29
7439-92-1	LEAD, TOTAL	2.2			P	1	0.44	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2003

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 95.0 **Lab Sample ID:** WV5581-021

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	149			P	1	26	1.93
7439-89-6	IRON, TOTAL	108			P	1	8.8	2.26
7439-92-1	LEAD, TOTAL	29.6			P	1	0.44	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2101

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 97.5 **Lab Sample ID:** WV5581-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	9000			P	1	26	1.95
7439-89-6	IRON, TOTAL	10300			P	1	8.8	2.28
7439-92-1	LEAD, TOTAL	619			P	1	0.44	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2102

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 97.3 **Lab Sample ID:** WV5581-017

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	57.7			P	1	19	1.39
7439-89-6	IRON, TOTAL	320			P	1	6.3	1.63
7439-92-1	LEAD, TOTAL	13.6			P	1	0.32	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2103

Matrix: SOIL **SDG Name:** WV5581

Percent Solids: 95.4 **Lab Sample ID:** WV5581-018

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	132			P	1	22	1.61
7439-89-6	IRON, TOTAL	649			P	1	7.3	1.89
7439-92-1	LEAD, TOTAL	17.3			P	1	0.37	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-1
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1501	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG21949	24-OCT-05 12:02:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-2
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1502	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21949	24-OCT-05 12:04:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-3
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1503	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21949	24-OCT-05 12:05:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-4
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1601	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	90. %	1	CLP SOW 788	WG21949	24-OCT-05 12:06:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-5
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1602	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21949	24-OCT-05 12:07:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-6
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1603	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG21949	24-OCT-05 12:08:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-7
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1701	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21949	24-OCT-05 12:09:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-8
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1702	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21949	24-OCT-05 12:10:00	CLP SOW 788	21-OCT-05	JF	

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Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-9
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1703	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG21949	24-OCT-05 12:11:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-10
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1801	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	87. %	1	CLP SOW 788	WG21949	24-OCT-05 12:12:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-11
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1802	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21949	24-OCT-05 12:14:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

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Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-12
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1803	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21949	24-OCT-05 12:15:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-13
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1901	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	87. %	1	CLP SOW 788	WG21949	24-OCT-05 12:16:00	CLP SOW 788	21-OCT-05	JF	

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-14
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1902	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	91. %	1	CLP SOW 788	WG21949	24-OCT-05 12:17:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-15
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB1903	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG21949	24-OCT-05 12:18:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-19
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2001	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG21949	24-OCT-05 12:22:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-20
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2002	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21949	24-OCT-05 12:23:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-21
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2003	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21950	24-OCT-05 12:27:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-16
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2101	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	98. %	1	CLP SOW 788	WG21949	24-OCT-05 12:19:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-17
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2102	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21949	24-OCT-05 12:20:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5581-18
Report Date: 04-NOV-05
Client PO: MSA-0402-N4113-05 100416
Project: CTO 367 NAS PENSACOLA
SDG: WV5581

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2103	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21949	24-OCT-05 12:21:00	CLP SOW 788	21-OCT-05	JF	

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG WV5581

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB1801	WV5581-010	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1501	WV5581-001	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2101	WV5581-016	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2003	WV5581-021	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2002	WV5581-020	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2001	WV5581-019	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1903	WV5581-015	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1902	WV5581-014	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1901	WV5581-013	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2102	WV5581-017	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1802	WV5581-011	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2103	WV5581-018	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1703	WV5581-009	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1702	WV5581-008	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1701	WV5581-007	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB1603	WV5581-006	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1602	WV5581-005	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1601	WV5581-004	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1503	WV5581-003	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1502	WV5581-002	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB1803	WV5581-012	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
TS	%	PEN46SB1801	WV5581-10	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2102	WV5581-17	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2101	WV5581-16	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2003	WV5581-21	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2002	WV5581-20	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2001	WV5581-19	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1903	WV5581-15	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1902	WV5581-14	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1901	WV5581-13	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1501	WV5581-1	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1802	WV5581-11	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2103	WV5581-18	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	PEN46SB1703	WV5581-9	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1702	WV5581-8	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1701	WV5581-7	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1603	WV5581-6	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1602	WV5581-5	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1601	WV5581-4	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1503	WV5581-3	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1502	WV5581-2	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB1803	WV5581-12	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2653 | PAGE 1 OF 4

PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850-385-9899	LABORATORY NAME AND CONTACT: Katahdin ; Andrea Colby
SAMPLERS (SIGNATURE) W. D. Olson		FIELD OPERATIONS LEADER W. D. Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER Fedex 8512 8418 9259		CITY, STATE Westbrook Me 04092

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☒ ~~48 hrs.~~ ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS Rush 6010B Pb/Fe/Al	40	6	COMMENTS
10/20	0752	PEW 46 SB1501	SB15	0	6"	SO	G	1			1			
10/20	0754	PEW 46 SB1502	SB15	6"	2'	SO	G	1			1			
10/20	0756	PEW 46 SB1503	SB15	2'	4'	SO	G	1			1			
10/20	0831	PEW 46 SB1601	SB16	0	6"	SO	G	1			1			
10/20	0833	PEW 46 SB1602	SB16	6"	2'	SO	G	1			1			
10/20	0836	PEW 46 SB1603	SB16	2'	4'	SO	G	1			1			
10/20	0909	PEW 46 SB1701	SB17	0	6"	SO	G	1			1			
10/20	0911	PEW 46 SB1702	SB17	6"	2'	SO	G	1			1			
10/20	0912	PEW 46 SB1703	SB17	2'	3'	SO	G	1			1			
10/26	0954	PEW 46 SB1801	SB18	0	6"	SO	G	1			1			
10/26	0956	PEW 46 SB1802	SB18	6"	2'	SO	G	1			1			
10/20	0958	PEW 46 SB1803	SB18	2	3	SO	G	1			1			

1. RELINQUISHED BY W. D. Olson	DATE 10-20-05	TIME 1630	1. RECEIVED BY	DATE 10/21/05	TIME 0835
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2651 | PAGE 2 OF 4

PROJECT NO: N00007	FACILITY: PEN 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin ; Andrea Colby
SAMPLERS (SIGNATURE) M. D. Olson		FIELD OPERATIONS LEADER W. D. Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FedEx 8512 84189259		CITY, STATE Westbrook ME 04092

STANDARD TAT ☐
RUSH TAT ☒
☒ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS 6010B Pb (Fe) (Al)	COMMENTS
10/20	1034	PEN46SB1901	SB19	0	6"	SO	G	1			1	
10/20	1035	PEN46SB1902	SB19	6"	2'	SO	G	1			1	
10/20	1037	PEN46SB1903	SB19	2'	3'	SO	G	1			1	
10/20	1222	PEN46SB2101	SB21	0	6"	SO	G	1			1	
10/20	1225	PEN46SB2102	SB21	6"	2'	SO	G	1			1	
10/20	1226	PEN46SB2103	SB21	2	3	SO	G	1			1	
10/26	1242	PEN46SB2001	SB20	0	6"	SO	G	1			1	
10/26	1243	PEN46SB2002	SB20	6"	2'	SO	G	1			1	
10/20	1245	PEN46SB2003	SB20	2'	3'	SO	G	1			1	

1. RELINQUISHED BY W. D. Olson	DATE 10-20-05	TIME 1630	1. RECEIVED BY [illegible]	DATE 10/21/05	TIME 0935
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
WV5581

Sample Receipt

The following samples were received on October 21, 2005 and were logged in under Katahdin Analytical Services work order number WV5581 for a hardcopy due date of November 3, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV5581-1	PEN46SB1501
WV5581-2	PEN46SB1502
WV5581-3	PEN46SB1503
WV5581-4	PEN46SB1601
WV5581-5	PEN46SB1602
WV5581-6	PEN46SB1603
WV5581-7	PEN46SB1701
WV5581-8	PEN46SB1702
WV5581-9	PEN46SB1703
WV5581-10	PEN46SB1801
WV5581-11	PEN46SB1802
WV5581-12	PEN46SB1803
WV5581-13	PEN46SB1901
WV5581-14	PEN46SB1902
WV5581-15	PEN46SB1903
WV5581-16	PEN46SB2101
WV5581-17	PEN46SB2102
WV5581-18	PEN46SB2103
WV5581-19	PEN46SB2001
WV5581-20	PEN46SB2002
WV5581-21	PEN46SB2003

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Metals Analysis

The samples of Katahdin Work Order WV5581 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WV5581-(1-20) were digested for ICP analysis on 10/21/05 (QC Batch VJ21ICS0) in accordance with USEPA Method 3050B. Duplicate laboratory control samples were prepared in this batch.

Solid-matrix Katahdin Sample No. WV5581-21 was digested for ICP analysis on 10/21/05 (QC Batch VJ21ICS1) in accordance with USEPA Method 3050B. Duplicate laboratory control samples were prepared in this batch.

ICP analyses of Work Order WV5581 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met.

Wet Chemistry Analysis

The samples of Work Order WV5581 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11.7.05

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WV5581 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN46SB1501	WV5581-001
PEN46SB1502	WV5581-002
PEN46SB1503	WV5581-003
PEN46SB1601	WV5581-004
PEN46SB1602	WV5581-005
PEN46SB1603	WV5581-006
PEN46SB1701	WV5581-007
PEN46SB1702	WV5581-008
PEN46SB1703	WV5581-009
PEN46SB1801	WV5581-010
PEN46SB1802	WV5581-011
PEN46SB1803	WV5581-012
PEN46SB1901	WV5581-013
PEN46SB1902	WV5581-014
PEN46SB1903	WV5581-015
PEN46SB2001	WV5581-019
PEN46SB2002	WV5581-020
PEN46SB2003	WV5581-021
PEN46SB2101	WV5581-016
PEN46SB2102	WV5581-017
PEN46SB2103	WV5581-018

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: November 4, 2005 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICV

File: AVJ22A Oct 22, 2005 13:14

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18784.99	93.9
CALCIUM	20000.0	20429.12	102.1
IRON	20000.0	20304.68	101.5
LEAD	550.0	547.66	99.6
MAGNESIUM	20000.0	20849.78	104.2

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 14:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48992.69	98.0
CALCIUM	50000.0	51307.74	102.6
IRON	20000.0	20090.49	100.5
LEAD	1000.0	1014.18	101.4
MAGNESIUM	50000.0	51500.75	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 15:30

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49645.20	99.3
CALCIUM	50000.0	51118.00	102.2
IRON	20000.0	19944.94	99.7
LEAD	1000.0	1001.53	100.2
MAGNESIUM	50000.0	50875.39	101.8

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 16:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49740.37	99.5
CALCIUM	50000.0	50508.92	101.0
IRON	20000.0	19728.46	98.6
LEAD	1000.0	996.54	99.7
MAGNESIUM	50000.0	49930.61	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 18:22

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50509.05	101.0
CALCIUM	50000.0	50545.86	101.1
IRON	20000.0	19821.22	99.1
LEAD	1000.0	1008.50	100.8
MAGNESIUM	50000.0	49701.12	99.4

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 19:48

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50695.24	101.4
CALCIUM	50000.0	50364.71	100.7
IRON	20000.0	19872.06	99.4
LEAD	1000.0	1011.17	101.1
MAGNESIUM	50000.0	49401.57	98.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 21:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50657.55	101.3
CALCIUM	50000.0	50221.19	100.4
IRON	20000.0	19864.85	99.3
LEAD	1000.0	1017.60	101.8
MAGNESIUM	50000.0	49229.57	98.5

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 22:40

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49979.70	100.0
CALCIUM	50000.0	49272.27	98.5
IRON	20000.0	19536.66	97.7
LEAD	1000.0	1002.76	100.3
MAGNESIUM	50000.0	48243.87	96.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 23:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49949.47	99.9
CALCIUM	50000.0	49131.79	98.3
IRON	20000.0	19497.03	97.5
LEAD	1000.0	998.16	99.8
MAGNESIUM	50000.0	48056.09	96.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVJ21ICS0

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS0

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	9.496	I
IRON	5.054	I
LEAD	0.170	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVJ21ICS1

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS1

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	23.692	I
IRON	2.831	I
LEAD	0.170	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICB

File: AVJ22A Oct 22, 2005 13:21

Analyte	Result	C
ALUMINUM	22.00	U
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 14:11

Analyte	Result	C
ALUMINUM	24.86	I
CALCIUM	13.09	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	22.70	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 15:37

Analyte	Result	C
ALUMINUM	87.52	I
CALCIUM	-20.65	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	23.07	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 17:03

Analyte	Result	C
ALUMINUM	150.88	I
CALCIUM	-44.84	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	20.78	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 18:29

Analyte	Result	C
ALUMINUM	198.25	I
CALCIUM	-65.07	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 19:55

Analyte	Result	C
ALUMINUM	250.63	I
CALCIUM	-73.27	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 21:21

Analyte	Result	C
ALUMINUM	281.77	I
CALCIUM	-77.26	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	14.45	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 22:47

Analyte	Result	C
ALUMINUM	295.65	I
CALCIUM	-99.24	
IRON	25.80	U
LEAD	-2.09	I
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 23:38

Analyte	Result	C
ALUMINUM	306.40	
CALCIUM	-99.11	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 13:50

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495627	99.1
CALCIUM	500000	527130	105.4
IRON	200000	198519	99.3
LEAD	5	7	
MAGNESIUM	500000	505211	101.0

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 13:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495914	99.2
CALCIUM	500000	525957	105.2
IRON	200000	198416	99.2
LEAD	55	52	94.5
MAGNESIUM	500000	503603	100.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 18:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504884	101.0
CALCIUM	500000	513020	102.6
IRON	200000	194611	97.3
LEAD	5	4	
MAGNESIUM	500000	485214	97.0

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 18:15

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504090	100.8
CALCIUM	500000	507582	101.5
IRON	200000	193350	96.7
LEAD	55	52	94.5
MAGNESIUM	500000	479821	96.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 22:26

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504852	101.0
CALCIUM	500000	501714	100.3
IRON	200000	194223	97.1
LEAD	5	6	
MAGNESIUM	500000	474484	94.9

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 22:33

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507376	101.5
CALCIUM	500000	500308	100.1
IRON	200000	194438	97.2
LEAD	55	54	98.2
MAGNESIUM	500000	473422	94.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 23:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507810	101.6
CALCIUM	500000	500915	100.2
IRON	200000	194981	97.5
LEAD	5	5	
MAGNESIUM	500000	474434	94.9

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 23:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	506149	101.2
CALCIUM	500000	496964	99.4
IRON	200000	193779	96.9
LEAD	55	54	98.2
MAGNESIUM	500000	470598	94.1

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVJ21ICS0

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	1992.98	99.6	80	120
IRON	1000.0	1068.91	106.9	80	120
LEAD	500.0	487.87	97.6	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVJ21ICS1

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2134.16	106.7	80	120
IRON	1000.0	1023.72	102.4	80	120
LEAD	500.0	471.61	94.3	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVJ21ICS0

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2004.60	100.2	80	120
IRON	1000.0	1069.79	107.0	80	120
LEAD	500.0	488.02	97.6	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVJ21ICS1

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2174.35	108.7	80	120
IRON	1000.0	1044.32	104.4	80	120
LEAD	500.0	476.02	95.2	80	120

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS0 **Lab Sample ID:** LCSOVJ21ICS0

Concentration Units: mg/Kg

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	2004.60	1992.98	0.6	
IRON	20.0	1069.79	1068.91	0.1	
LEAD	20.0	488.02	487.87	0.0	

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: SOIL **SDG Name:** WV5581

QC Batch ID: VJ21ICS1 **Lab Sample ID:** LCSOVJ21ICS1

Concentration Units: mg/Kg

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	2174.35	2134.16	1.9	
IRON	20.0	1044.32	1023.72	2.0	
LEAD	20.0	476.02	471.61	0.9	

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	22.00	P
IRON	100	25.80	P
LEAD	5.0	1.65	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/04

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
CALCIUM	15.00	500000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VJ21ICS0

Matrix: SOIL **SDG Name:** WV5581

Method: P **Prep Date:** 10/21/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVJ21ICS0	LC2OVJ21ICS0	1	0.1
LCSOVJ21ICS0	LCSOVJ21ICS0	1	0.1
PBSVJ21ICS0	PBSVJ21ICS0	1	0.1
PEN46SB1501	WV5581-001	1.33	0.1
PEN46SB1502	WV5581-002	1.24	0.1
PEN46SB1503	WV5581-003	1.23	0.1
PEN46SB1601	WV5581-004	1.13	0.1
PEN46SB1602	WV5581-005	1.55	0.1
PEN46SB1603	WV5581-006	1.21	0.1
PEN46SB1701	WV5581-007	1.33	0.1
PEN46SB1702	WV5581-008	1.48	0.1
PEN46SB1703	WV5581-009	1.28	0.1
PEN46SB1801	WV5581-010	1.25	0.1
PEN46SB1802	WV5581-011	1.28	0.1
PEN46SB1803	WV5581-012	1.37	0.1
PEN46SB1901	WV5581-013	1.48	0.1
PEN46SB1902	WV5581-014	1.16	0.1
PEN46SB1903	WV5581-015	1.49	0.1
PEN46SB2101	WV5581-016	1.16	0.1
PEN46SB2102	WV5581-017	1.63	0.1
PEN46SB2103	WV5581-018	1.43	0.1
PEN46SB2001	WV5581-019	1.34	0.1
PEN46SB2002	WV5581-020	1.17	0.1

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VJ21ICS1

Matrix: SOIL **SDG Name:** WV5581

Method: P **Prep Date:** 10/21/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVJ21ICS1	LC2OVJ21ICS1	1	0.1
LCSOVJ21ICS1	LCSOVJ21ICS1	1	0.1
PBSVJ21ICS1	PBSVJ21ICS1	1	0.1
PEN46SB2003	WV5581-021	1.2	0.1

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Instrument ID: TJA TRACE ICP **File Name:** AVJ22A

Date: 10/22/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time		Elements
S0		1	12:28 Al	Ca	Fe Pb Mg
S1		1	12:35 Al	Ca	Fe Pb Mg
AL IEC		1	12:45 Al	Ca	Fe Pb Mg
FE IEC		1	12:52 Al	Ca	Fe Pb Mg
MN IEC		1	12:59 Al	Ca	Fe Pb Mg
IEC		1	13:06 Al	Ca	Fe Pb Mg
ICV		1	13:14 Al	Ca	Fe Pb Mg
ICB		1	13:21 Al	Ca	Fe Pb Mg
PQL		1	13:28 Al	Ca	Fe Pb Mg
0.1PPM CA,MG		1	13:35 Al	Ca	Fe Pb Mg
CRI		1	13:43 Al	Ca	Fe Pb Mg
ICSA		1	13:50 Al	Ca	Fe Pb Mg
ICSAB		1	13:57 Al	Ca	Fe Pb Mg
CCV		1	14:04 Al	Ca	Fe Pb Mg
CCB		1	14:11 Al	Ca	Fe Pb Mg
ZZZZZZ		1	14:18		
ZZZZZZ		1	14:26		
ZZZZZZ		1	14:33		
ZZZZZZ		1	14:40		
ZZZZZZ		1	14:47		
ZZZZZZ		1	14:54		
ZZZZZZ		1	15:01		
ZZZZZZ		1	15:09		
ZZZZZZ		1	15:16		
LC2OVJ21ICS0		1	15:23 Al		Fe Pb
CCV		1	15:30 Al	Ca	Fe Pb Mg
CCB		1	15:37 Al	Ca	Fe Pb Mg
LCSOVJ21ICS0		1	15:44 Al		Fe Pb
PBSVJ21ICS0		1	15:52 Al		Fe Pb
WV5581-001	PEN46SB1501	1	15:59 Al		Fe Pb
WV5581-002	PEN46SB1502	1	16:06 Al		Fe Pb
WV5581-003	PEN46SB1503	1	16:13 Al		Fe Pb
WV5581-004	PEN46SB1601	1	16:20 Al		Fe Pb
WV5581-005	PEN46SB1602	1	16:27 Al		Fe Pb
WV5581-006	PEN46SB1603	1	16:35 Al		Fe Pb
WV5581-007	PEN46SB1701	1	16:42 Al		Fe Pb
WV5581-008	PEN46SB1702	1	16:49 Al		Fe Pb
CCV		1	16:56 Al	Ca	Fe Pb Mg
CCB		1	17:03 Al	Ca	Fe Pb Mg
WV5581-009	PEN46SB1703	1	17:10 Al		Fe Pb
WV5581-010	PEN46SB1801	1	17:18 Al		Fe Pb
WV5581-011	PEN46SB1802	1	17:25 Al		Fe Pb
WV5581-012	PEN46SB1803	1	17:32 Al		Fe Pb
WV5581-013	PEN46SB1901	1	17:39 Al		Fe Pb
WV5581-014	PEN46SB1902	1	17:46 Al		Fe Pb
WV5581-015	PEN46SB1903	1	17:53 Al		Fe Pb
CRI		1	18:01 Al	Ca	Fe Pb Mg
ICSA		1	18:08 Al	Ca	Fe Pb Mg
ICSAB		1	18:15 Al	Ca	Fe Pb Mg
CCV		1	18:22 Al	Ca	Fe Pb Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5581

Instrument ID: TJA TRACE ICP **File Name:** AVJ22A

Date: 10/22/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
CCB		1	18:29	Al	Ca	Fe Pb Mg
WV5581-016	PEN46SB2101	1	18:36	Al		Fe Pb
WV5581-017	PEN46SB2102	1	18:44	Al		Fe Pb
WV5581-018	PEN46SB2103	1	18:51	Al		Fe Pb
WV5581-019	PEN46SB2001	1	18:58	Al		Fe Pb
WV5581-020	PEN46SB2002	1	19:05	Al		Fe Pb
ZZZZZZ		1	19:12			
ZZZZZZ		1	19:19			
LC2OVJ21ICS1		1	19:27	Al		Fe Pb
LCSOVJ21ICS1		1	19:34	Al		Fe Pb
PBSVJ21ICS1		1	19:41	Al		Fe Pb
CCV		1	19:48	Al	Ca	Fe Pb Mg
CCB		1	19:55	Al	Ca	Fe Pb Mg
WV5581-021	PEN46SB2003	1	20:02	Al		Fe Pb
ZZZZZZ		1	20:10			
ZZZZZZ		1	20:17			
ZZZZZZ		1	20:24			
ZZZZZZ		1	20:31			
ZZZZZZ		1	20:38			
ZZZZZZ		1	20:46			
ZZZZZZ		1	20:53			
ZZZZZZ		1	21:00			
ZZZZZZ		1	21:07			
CCV		1	21:14	Al	Ca	Fe Pb Mg
CCB		1	21:21	Al	Ca	Fe Pb Mg
ZZZZZZ		1	21:29			
ZZZZZZ		1	21:36			
ZZZZZZ		1	21:43			
ZZZZZZ		1	21:50			
ZZZZZZ		1	21:57			
ZZZZZZ		1	22:04			
ZZZZZZ		1	22:12			
CRI		1	22:19	Al	Ca	Fe Pb Mg
ICSA		1	22:26	Al	Ca	Fe Pb Mg
ICSAB		1	22:33	Al	Ca	Fe Pb Mg
CCV		1	22:40	Al	Ca	Fe Pb Mg
CCB		1	22:47	Al	Ca	Fe Pb Mg
ZZZZZZ		1	22:55			
ZZZZZZ		1	23:02			
CRI		1	23:09	Al	Ca	Fe Pb Mg
ICSA		1	23:16	Al	Ca	Fe Pb Mg
ICSAB		1	23:23	Al	Ca	Fe Pb Mg
CCV		1	23:31	Al	Ca	Fe Pb Mg
CCB		1	23:38	Al	Ca	Fe Pb Mg

#1	44173	--	--	--	--	--	--
#2	44558	--	--	--	--	--	--

Method: NONAK Sample Name: WV5581-016 Operator:
Run Time: 10/22/05 18:36:57
Comment:
Mode: CONC Corr. Factor: 1

Sample: PEN46SB2101

Pb = 619 mg/kg

97.5% Solid
1.16 g
100 mL

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	101.86	.11742	.91634	-.00105	.01626	.02694	127.85
SDev	.24	.00021	.00445	.00006	.00137	.00028	.47
%RSD	.23979	.18276	.48561	6.0016	8.4140	1.0412	.37027
#1	101.69	.11757	.91319	-.00110	.01723	.02714	127.52
#2	102.03	.11727	.91948	-.00101	.01529	.02674	128.19

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.96434	.01227	.39082	116.88	9.0179	.66658	.00823
SDev	.00051	.00120	.00090	.40	.0211	.00137	.00185
%RSD	.05243	9.8113	.22949	.34644	.23405	.20485	22.500
#1	.96470	.01313	.39145	116.60	9.0030	.66562	.00953
#2	.96398	.01142	.39019	117.17	9.0329	.66755	.00692

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.04465	.00109	.28233	-.00016	.04652	1.1908	.13867
SDev	.00106	.00188	.00033	.00049	.00222	.0043	.00037
%RSD	2.3840	171.82	.11803	313.13	4.7682	.36481	.26455
#1	.04540	.00242	.28209	-.00051	.04808	1.1877	.13841
#2	.04389	-.00024	.28256	.00019	.04495	1.1938	.13893

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	4.8651	7.0054	.00056	.00189	-.00636	.00601	6.8672
SDev	.0134	.1310	.00085	.00476	.00666	.01046	.0011
%RSD	.27592	1.8707	153.43	251.99	104.62	174.10	.01614
#1	4.8556	6.9128	-.00005	.00526	-.01107	.01341	6.8680
#2	4.8746	7.0981	.00116	-.00148	-.00166	-.00139	6.8664

Elem	2203/2	1960/1	1960/2
Units			
Avge	7.0744	.01004	-.00418
SDev	.1970	.00659	.00457
%RSD	2.7851	65.681	109.54
#1	6.9351	.01470	-.00741
#2	7.2137	.00538	-.00094

$7.0054 \text{ mg/L} \times \frac{100 \text{ mL}}{1.16 \text{ g}} = \frac{603.91}{0.975} = 619 \text{ mg/kg}$

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **NOVEMBER 15, 2005**

FROM: **ETHAN G. LEE** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – SELECT METALS**
NAS PENSACOLA – CTO 367
SAMPLE DELIVERY GROUP (SDG) – WV5582

SAMPLES: 17/SOIL/

PEN46SB2201	PEN46SB2202	PEN46SB2203
PEN46SB2301	PEN46SB2302	PEN46SB2401
PEN46SB2402	PEN46SB2501	PEN46SB2502
PEN46SB2503	PEN46SB2601	PEN46SB2602
PEN46SB2603	PEN46SB2701	PEN46SB2702
PEN46SB2801	PEN46SB2802	

Overview

The sample set for NAS Pensacola, CTO 367, SDG WV5582, consists of seventeen (17) soil environmental samples.

All samples were analyzed for select metals (aluminum, iron, and lead). The samples were collected by Tetra Tech NUS on October 20, 2005 and analyzed by Katahdin Analytical Services. Metals analyses were conducted using SW-846 method 6010B.

Metals analyses were conducted using Inductively Coupled Plasma (ICP) methodology.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration analyses
  • Laboratory Method/Preparation Blank Analyses
* • ICP Interference Analyses
* • Laboratory Duplicate Precision
* • Laboratory Control Sample Analyses
* • Detection Limits
* • Analyte Quantitation

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	306.4 ug/L	153.2 mg/kg
Iron[(1)]	2.831 mg/kg	14.16 mg/kg

[(1)] Maximum concentration present in soil preparation blank.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids, and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the action level for aluminum were qualified as nondetected (U) for laboratory blank contamination. Iron was not qualified for laboratory blank contamination because the results were greater than the action level.

Notes

Matrix spike and ICP serial dilution analyses were not conducted for this SDG.

Executive Summary

Laboratory Performance: Aluminum was present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Ethan G. Lee
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2201	nsample	PEN46SB2202	nsample	PEN46SB2203
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-013	lab_id	WV5582-014	lab_id	WV5582-015
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	92.7	Pct_Solids	97.3	Pct_Solids	96.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	12600		
IRON	7180		
LEAD	15.4		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	84.7	U	A
IRON	343		
LEAD	8.1		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	61.3	U	A
IRON	64.5		
LEAD	4.9		

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2301	nsample	PEN46SB2302	nsample	PEN46SB2401
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-001	lab_id	WV5582-002	lab_id	WV5582-003
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	92.1	Pct_Solids	96.2	Pct_Solids	98.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	6150		
IRON	2240		
LEAD	56.3		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	759		
IRON	343		
LEAD	9.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2660		
IRON	3520		
LEAD	78.1		

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2402	nsample	PEN46SB2501	nsample	PEN46SB2502
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-004	lab_id	WV5582-010	lab_id	WV5582-011
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	95.2	Pct_Solids	89.1	Pct_Solids	92.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	130		
IRON	151		
LEAD	5.8		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	2960		
IRON	2260		
LEAD	150		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	1400		
IRON	4330		
LEAD	66.6		

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2503	nsample	PEN46SB2601	nsample	PEN46SB2602
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-012	lab_id	WV5582-007	lab_id	WV5582-008
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	94.7	Pct_Solids	92.8	Pct_Solids	84.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	251		
IRON	891		
LEAD	18.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	95.7	U	A
IRON	305		
LEAD	92.9		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	7680		
IRON	5390		
LEAD	136		

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2603	nsample	PEN46SB2701	nsample	PEN46SB2702
samp_date	10/20/2005	samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-009	lab_id	WV5582-005	lab_id	WV5582-006
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	90.7	Pct_Solids	94.2	Pct_Solids	96.4
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	165		
IRON	562		
LEAD	139		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	7660		
IRON	4910		
LEAD	149		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	175		
IRON	863		
LEAD	214		

PROJ_NO: 00007

SDG: WV5582 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2801	nsample	PEN46SB2802
samp_date	10/20/2005	samp_date	10/20/2005
lab_id	WV5582-016	lab_id	WV5582-017
qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG
Pct_Solids	97.4	Pct_Solids	96.3
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
ALUMINUM	90.2	U	A
IRON	1260		
LEAD	46.7		

Parameter	Result	Val Qual	Qual Code
ALUMINUM	101	U	A
IRON	518		
LEAD	29.9		

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2201

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 92.7 **Lab Sample ID:** WV5582-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	12600			P	1	23	1.70
7439-89-6	IRON, TOTAL	7180			P	1	7.7	1.99
7439-92-1	LEAD, TOTAL	15.4			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2202

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 97.3 **Lab Sample ID:** WV5582-014

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	84.7			P	1	20	1.47
7439-89-6	IRON, TOTAL	343			P	1	6.7	1.72
7439-92-1	LEAD, TOTAL	8.1			P	1	0.33	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2203

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 96.4 **Lab Sample ID:** WV5582-015

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	61.3			P	1	26	1.95
7439-89-6	IRON, TOTAL	64.5			P	1	8.9	2.29
7439-92-1	LEAD, TOTAL	4.9			P	1	0.44	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2301

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 92.0 **Lab Sample ID:** WV5582-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	6150			P	1	25	1.81
7439-89-6	IRON, TOTAL	2240			P	1	8.2	2.12
7439-92-1	LEAD, TOTAL	56.3			P	1	0.41	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2302

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 96.2 **Lab Sample ID:** WV5582-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	759			P	1	21	1.51
7439-89-6	IRON, TOTAL	343			P	1	6.9	1.78
7439-92-1	LEAD, TOTAL	9.8			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2401

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 98.3 **Lab Sample ID:** WV5582-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2660			P	1	23	1.67
7439-89-6	IRON, TOTAL	3520			P	1	7.6	1.96
7439-92-1	LEAD, TOTAL	78.1			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2402

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 95.2 **Lab Sample ID:** WV5582-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	130			P	1	23	1.71
7439-89-6	IRON, TOTAL	151			P	1	7.8	2.01
7439-92-1	LEAD, TOTAL	5.8			P	1	0.39	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2501

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 89.1 **Lab Sample ID:** WV5582-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2960			P	1	25	1.83
7439-89-6	IRON, TOTAL	2260			P	1	8.3	2.15
7439-92-1	LEAD, TOTAL	150			P	1	0.42	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2502

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 92.7 **Lab Sample ID:** WV5582-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1400			P	1	27	1.96
7439-89-6	IRON, TOTAL	4330			P	1	8.9	2.30
7439-92-1	LEAD, TOTAL	66.6			P	1	0.44	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2503

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 94.7 **Lab Sample ID:** WV5582-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	251			P	1	20	1.49
7439-89-6	IRON, TOTAL	891			P	1	6.8	1.75
7439-92-1	LEAD, TOTAL	18.9			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2601

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 92.8 **Lab Sample ID:** WV5582-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	95.7			P	1	25	1.82
7439-89-6	IRON, TOTAL	305			P	1	8.3	2.14
7439-92-1	LEAD, TOTAL	92.9			P	1	0.41	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2602

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 84.4 **Lab Sample ID:** WV5582-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	7680			P	1	19	1.40
7439-89-6	IRON, TOTAL	5390			P	1	6.4	1.64
7439-92-1	LEAD, TOTAL	136			P	1	0.32	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2603

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 90.7 **Lab Sample ID:** WV5582-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	165			P	1	20	1.51
7439-89-6	IRON, TOTAL	562			P	1	6.8	1.77
7439-92-1	LEAD, TOTAL	139			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2701

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 94.2 **Lab Sample ID:** WV5582-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	7660			P	1	19	1.39
7439-89-6	IRON, TOTAL	4910			P	1	6.3	1.63
7439-92-1	LEAD, TOTAL	149			P	1	0.32	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2702

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 96.4 **Lab Sample ID:** WV5582-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	175			P	1	20	1.50
7439-89-6	IRON, TOTAL	863			P	1	6.8	1.76
7439-92-1	LEAD, TOTAL	214			P	1	0.34	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2801

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 97.4 **Lab Sample ID:** WV5582-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	90.2			P	1	20	1.46
7439-89-6	IRON, TOTAL	1260			P	1	6.6	1.71
7439-92-1	LEAD, TOTAL	46.7			P	1	0.33	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2802

Matrix: SOIL **SDG Name:** WV5582

Percent Solids: 96.3 **Lab Sample ID:** WV5582-017

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	101			P	1	23	1.67
7439-89-6	IRON, TOTAL	518			P	1	7.6	1.95
7439-92-1	LEAD, TOTAL	29.9			P	1	0.38	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-13
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2201	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21950	24-OCT-05 12:43:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-14
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2202	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21950	24-OCT-05 12:44:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-15
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2203	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21950	24-OCT-05 12:45:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-1
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2301	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	92. %	1	CLP SOW 788	WG21950	24-OCT-05 12:32:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-2
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2302	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21950	24-OCT-05 12:32:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-3
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2401	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	98. %	1	CLP SOW 788	WG21950	24-OCT-05 12:34:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-4
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2402	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21950	24-OCT-05 12:35:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-10
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2501	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	89. %	1	CLP SOW 788	WG21950	24-OCT-05 12:30:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-11
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2502	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21950	24-OCT-05 12:31:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-12
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2503	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	95. %	1	CLP SOW 788	WG21950	24-OCT-05 12:42:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-7
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2601	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	93. %	1	CLP SOW 788	WG21950	24-OCT-05 12:39:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-8
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2602	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	84. %	1	CLP SOW 788	WG21950	24-OCT-05 12:40:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-9
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2603	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	91. %	1	CLP SOW 788	WG21950	24-OCT-05 12:41:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-5
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2701	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	94. %	1	CLP SOW 788	WG21950	24-OCT-05 12:36:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Accredited in accordance with nelac
Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-6
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2702	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21950	24-OCT-05 12:38:00	CLP SOW 788	21-OCT-05	JF	

Katahdin
ANALYTICAL SERVICES

Accredited in accordance with nelac
Cert No E87604

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-16
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2801	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	97. %	1	CLP SOW 788	WG21950	24-OCT-05 12:46:00	CLP SOW 788	21-OCT-05	JF	

Report of Analytical Results

Client: Amy Thomson
Tetra Tech NUS, Inc.
661 Andersen Drive
Pittsburgh,PA 15220

Lab Sample ID: WV5582-17
Report Date: 26-OCT-05
Client PO: MAS-N4113-05 1004167
Project: CTO 367 NAS PENSACOLA
SDG: WV5582

Sample Description	Matrix	Date Sampled	Date Received
PEN46SB2802	SL	20-OCT-05	21-OCT-05

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Total Solids	96. %	1	CLP SOW 788	WG21950	24-OCT-05 12:47:00	CLP SOW 788	21-OCT-05	JF	

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG WV5582

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB2501	WV5582-010	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2201	WV5582-013	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2702	WV5582-006	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2701	WV5582-005	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2603	WV5582-009	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2602	WV5582-008	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2601	WV5582-007	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2801	WV5582-016	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2502	WV5582-011	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2802	WV5582-017	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2402	WV5582-004	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2401	WV5582-003	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2302	WV5582-002	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2301	WV5582-001	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2203	WV5582-015	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB2202	WV5582-014	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
M	MG/KG	PEN46SB2503	WV5582-012	NM	10/20/2005	10/21/2005	10/22/2005	1	1	2
TS	%	PEN46SB2501	WV5582-10	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2801	WV5582-16	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2702	WV5582-6	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2701	WV5582-5	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2603	WV5582-9	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2602	WV5582-8	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2601	WV5582-7	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2201	WV5582-13	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2502	WV5582-11	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2802	WV5582-17	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2402	WV5582-4	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2401	WV5582-3	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2302	WV5582-2	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2301	WV5582-1	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2203	WV5582-15	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4
TS	%	PEN46SB2202	WV5582-14	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	PEN46SB2503	WV5582-12	NM	10/20/2005	10/21/2005	10/24/2005	1	3	4

WU5500

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 2650 | PAGE 3 OF 4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N00007	PEN 46	G. Walker	850 385 9899	Katahdin; Andrea Colby

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Matt D. Olson	Bill Olson	850 210 3681	340 County Rd #5

CARRIER/WAYBILL NUMBER	CITY, STATE
Fedex 8512 8418 9259	Westbrook ME 04092

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☒ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS Rush 6010B Pb/Fe/Al							COMMENTS
10/20	1304	PEN46 SB2301	SB23	0	6"	SO	G	1	1 ✓							
10/20	1305	PEN46 SB2302	SB23	6"	2'	SO	G	1	1 ✓							
10/20	1324	PEN46 SB2401	SB24	0	6"	SO	G	1	1 ✓							
10/20	1325	PEN46 SB2402	SB24	6"	2'	SO	G	1	1 ✓							
10/20	1335	PEN46 SB2701	SB27	0	6"	SO	G	1	1 ✓							
10/20	1337	PEN46 SB2702	SB27	6"	2'	SO	G	1	1 ✓							
10/20	1346	PEN46 SB2601	SB26	0	6"	SO	G	1	1 ✓							
10/20	1348	PEN46 SB2602	SB26	6"	2'	SO	G	1	1 ✓							
10/20	1350	PEN46 SB2603	SB26	2'	4'	SO	G	1	1 ✓							
10/20	1401	PEN46 SB2501	SB25	0	6"	SO	G	1	1 ✓							
10/20	1404	PEN46 SB2502	SB25	6"	2'	SO	G	1	1 ✓							
10/20	1406	PEN46 SB2503	SB25	2'	4'	SO	G	1	1 ✓							

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Matt D. Olson	10-20-05	1630	1. RECEIVED BY [signature]	10/21/05	0935
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2649 | PAGE 4 OF 4

PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin : Andrea Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FEDEX 8512 84189259		CITY, STATE Katahdin ME 04092

STANDARD TAT ☐
RUSH TAT ☒
☐ 24 hr. ☒ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G): G	PRESERVATIVE USED: 4°	TYPE OF ANALYSIS: 6010B Rush Pb(Fe)Al	COMMENTS
10/20	1420	PEW 46 SB 2201	SB22	0	6"	SO	G	1	1 ✓			
10/20	1425	PEW 46 SB 2202	SB22	6"	2'	SO	G	1	1 ✓			
10/20	1423	PEW 46 SB2203	SB22	2'	4'	SO	G	1	1 ✓			
10/20	1445	PEW 46 SB 2801	SB28	0	6"	SO	G	1	1 ✓			
		~~PEW 46 SB 2802~~										
10/20	1446	PEW 46 SB 2802	SB28	6"	2'	SO	G	1	1 ✓			

1. RELINQUISHED BY: [signature]	DATE 10-20-05	TIME 1630	1. RECEIVED BY: [signature]	DATE 10/21/05	TIME 0935
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

Katahdin
ANALYTICAL SERVICES

nelac
Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
WV5582

Sample Receipt

The following samples were received on October 21, 2005 and were logged in under Katahdin Analytical Services work order number WV5582 for a hardcopy due date of November 3, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV5582-1	PEN46SB2301
WV5582-2	PEN46SB2302
WV5582-3	PEN46SB2401
WV5582-4	PEN46SB2402
WV5582-5	PEN46SB2701
WV5582-6	PEN46SB2702
WV5582-7	PEN46SB2601
WV5582-8	PEN46SB2602
WV5582-9	PEN46SB2603
WV5582-10	PEN46SB2501
WV5582-11	PEN46SB2502
WV5582-12	PEN46SB2503
WV5582-13	PEN46SB2201
WV5582-14	PEN46SB2202
WV5582-15	PEN46SB2203
WV5582-16	PEN46SB2801
WV5582-17	PEN46SB2802

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Metals Analysis

The samples of Katahdin Work Order WV5582 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WV5582-(1-17) were digested for ICP analysis on 10/21/05 (QC Batch VJ21ICS1) in accordance with USEPA Method 3050B. Duplicate laboratory control samples were prepared in this batch.

ICP analyses of Work Order WV5582 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met.

Wet Chemistry Analysis

The samples of Work Order WV5582 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11-7-05

Leslie Dimond
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WV5582 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN46SB2201	WV5582-013
PEN46SB2202	WV5582-014
PEN46SB2203	WV5582-015
PEN46SB2301	WV5582-001
PEN46SB2302	WV5582-002
PEN46SB2401	WV5582-003
PEN46SB2402	WV5582-004
PEN46SB2501	WV5582-010
PEN46SB2502	WV5582-011
PEN46SB2503	WV5582-012
PEN46SB2601	WV5582-007
PEN46SB2602	WV5582-008
PEN46SB2603	WV5582-009
PEN46SB2701	WV5582-005
PEN46SB2702	WV5582-006
PEN46SB2801	WV5582-016
PEN46SB2802	WV5582-017

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: November 4, 2005 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICV

File: AVJ22A Oct 22, 2005 13:14

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18784.99	93.9
CALCIUM	20000.0	20429.12	102.1
IRON	20000.0	20304.68	101.5
LEAD	550.0	547.66	99.6
MAGNESIUM	20000.0	20849.78	104.2

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 14:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48992.69	98.0
CALCIUM	50000.0	51307.74	102.6
IRON	20000.0	20090.49	100.5
LEAD	1000.0	1014.18	101.4
MAGNESIUM	50000.0	51500.75	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 15:30

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49645.20	99.3
CALCIUM	50000.0	51118.00	102.2
IRON	20000.0	19944.94	99.7
LEAD	1000.0	1001.53	100.2
MAGNESIUM	50000.0	50875.39	101.8

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 16:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49740.37	99.5
CALCIUM	50000.0	50508.92	101.0
IRON	20000.0	19728.46	98.6
LEAD	1000.0	996.54	99.7
MAGNESIUM	50000.0	49930.61	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 18:22

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50509.05	101.0
CALCIUM	50000.0	50545.86	101.1
IRON	20000.0	19821.22	99.1
LEAD	1000.0	1008.50	100.8
MAGNESIUM	50000.0	49701.12	99.4

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 19:48

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50695.24	101.4
CALCIUM	50000.0	50364.71	100.7
IRON	20000.0	19872.06	99.4
LEAD	1000.0	1011.17	101.1
MAGNESIUM	50000.0	49401.57	98.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 21:14

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50657.55	101.3
CALCIUM	50000.0	50221.19	100.4
IRON	20000.0	19864.85	99.3
LEAD	1000.0	1017.60	101.8
MAGNESIUM	50000.0	49229.57	98.5

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 22:40

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49979.70	100.0
CALCIUM	50000.0	49272.27	98.5
IRON	20000.0	19536.66	97.7
LEAD	1000.0	1002.76	100.3
MAGNESIUM	50000.0	48243.87	96.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCV

File: AVJ22A Oct 22, 2005 23:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49949.47	99.9
CALCIUM	50000.0	49131.79	98.3
IRON	20000.0	19497.03	97.5
LEAD	1000.0	998.16	99.8
MAGNESIUM	50000.0	48056.09	96.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVJ21ICS1

Matrix: SOIL **SDG Name:** WV5582

QC Batch ID: VJ21ICS1

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	23.692	I
IRON	2.831	I
LEAD	0.170	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICB

File: AVJ22A Oct 22, 2005 13:21

Analyte	Result	C
ALUMINUM	22.00	U
CALCIUM	11.30	U
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 14:11

Analyte	Result	C
ALUMINUM	24.86	I
CALCIUM	13.09	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	22.70	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 15:37

Analyte	Result	C
ALUMINUM	87.52	I
CALCIUM	-20.65	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	23.07	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 17:03

Analyte	Result	C
ALUMINUM	150.88	I
CALCIUM	-44.84	I
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	20.78	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 18:29

Analyte	Result	C
ALUMINUM	198.25	I
CALCIUM	-65.07	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 19:55

Analyte	Result	C
ALUMINUM	250.63	I
CALCIUM	-73.27	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 21:21

Analyte	Result	C
ALUMINUM	281.77	I
CALCIUM	-77.26	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	14.45	I

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 22:47

Analyte	Result	C
ALUMINUM	295.65	I
CALCIUM	-99.24	
IRON	25.80	U
LEAD	-2.09	I
MAGNESIUM	12.10	U

SAMPLE: CCB

File: AVJ22A Oct 22, 2005 23:38

Analyte	Result	C
ALUMINUM	306.40	
CALCIUM	-99.11	
IRON	25.80	U
LEAD	1.65	U
MAGNESIUM	12.10	U

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 13:50

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495627	99.1
CALCIUM	500000	527130	105.4
IRON	200000	198519	99.3
LEAD	5	7	
MAGNESIUM	500000	505211	101.0

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 13:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	495914	99.2
CALCIUM	500000	525957	105.2
IRON	200000	198416	99.2
LEAD	55	52	94.5
MAGNESIUM	500000	503603	100.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 18:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504884	101.0
CALCIUM	500000	513020	102.6
IRON	200000	194611	97.3
LEAD	5	4	
MAGNESIUM	500000	485214	97.0

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 18:15

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504090	100.8
CALCIUM	500000	507582	101.5
IRON	200000	193350	96.7
LEAD	55	52	94.5
MAGNESIUM	500000	479821	96.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 22:26

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504852	101.0
CALCIUM	500000	501714	100.3
IRON	200000	194223	97.1
LEAD	5	6	
MAGNESIUM	500000	474484	94.9

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 22:33

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507376	101.5
CALCIUM	500000	500308	100.1
IRON	200000	194438	97.2
LEAD	55	54	98.2
MAGNESIUM	500000	473422	94.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Concentration Units: ug/L

SAMPLE: ICSA

File: AVJ22A Oct 22, 2005 23:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	507810	101.6
CALCIUM	500000	500915	100.2
IRON	200000	194981	97.5
LEAD	5	5	
MAGNESIUM	500000	474434	94.9

SAMPLE: ICSAB

File: AVJ22A Oct 22, 2005 23:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	506149	101.2
CALCIUM	500000	496964	99.4
IRON	200000	193779	96.9
LEAD	55	54	98.2
MAGNESIUM	500000	470598	94.1

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVJ21ICS1

Matrix: SOIL **SDG Name:** WV5582

QC Batch ID: VJ21ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2134.16	106.7	80	120
IRON	1000.0	1023.72	102.4	80	120
LEAD	500.0	471.61	94.3	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVJ21ICS1

Matrix: SOIL **SDG Name:** WV5582

QC Batch ID: VJ21ICS1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2174.35	108.7	80	120
IRON	1000.0	1044.32	104.4	80	120
LEAD	500.0	476.02	95.2	80	120

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: SOIL **SDG Name:** WV5582

QC Batch ID: VJ21ICS1 **Lab Sample ID:** LCSOVJ21ICS1

Concentration Units: mg/Kg

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	2174.35	2134.16	1.9	
IRON	20.0	1044.32	1023.72	2.0	
LEAD	20.0	476.02	471.61	0.9	

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	22.00	P
IRON	100	25.80	P
LEAD	5.0	1.65	P

ICP LINEAR RANGES

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 11/2/04

Concentration Units: ug/L

Analyte	Integration Time (sec)	Linear Range	M
ALUMINUM	15.00	500000	P
CALCIUM	15.00	500000	P
IRON	15.00	200000	P
LEAD	15.00	20000	P
MAGNESIUM	15.00	500000	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VJ21ICS1

Matrix: SOIL **SDG Name:** WV5582

Method: P **Prep Date:** 10/21/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVJ21ICS1	LC2OVJ21ICS1	1	0.1
LCSOVJ21ICS1	LCSOVJ21ICS1	1	0.1
PBSVJ21ICS1	PBSVJ21ICS1	1	0.1
PEN46SB2301	WV5582-001	1.32	0.1
PEN46SB2302	WV5582-002	1.51	0.1
PEN46SB2401	WV5582-003	1.34	0.1
PEN46SB2402	WV5582-004	1.35	0.1
PEN46SB2701	WV5582-005	1.68	0.1
PEN46SB2702	WV5582-006	1.52	0.1
PEN46SB2601	WV5582-007	1.3	0.1
PEN46SB2602	WV5582-008	1.86	0.1
PEN46SB2603	WV5582-009	1.61	0.1
PEN46SB2501	WV5582-010	1.35	0.1
PEN46SB2502	WV5582-011	1.21	0.1
PEN46SB2503	WV5582-012	1.56	0.1
PEN46SB2201	WV5582-013	1.4	0.1
PEN46SB2202	WV5582-014	1.54	0.1
PEN46SB2203	WV5582-015	1.17	0.1
PEN46SB2801	WV5582-016	1.55	0.1
PEN46SB2802	WV5582-017	1.37	0.1

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Instrument ID: TJA TRACE ICP **File Name:** AVJ22A

Date: 10/22/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements	
S0		1	12:28 Al	Ca	Fe Pb Mg
S1		1	12:35 Al	Ca	Fe Pb Mg
AL IEC		1	12:45 Al	Ca	Fe Pb Mg
FE IEC		1	12:52 Al	Ca	Fe Pb Mg
MN IEC		1	12:59 Al	Ca	Fe Pb Mg
IEC		1	13:06 Al	Ca	Fe Pb Mg
ICV		1	13:14 Al	Ca	Fe Pb Mg
ICB		1	13:21 Al	Ca	Fe Pb Mg
PQL		1	13:28 Al	Ca	Fe Pb Mg
0.1PPM CA,MG		1	13:35 Al	Ca	Fe Pb Mg
CRI		1	13:43 Al	Ca	Fe Pb Mg
ICSA		1	13:50 Al	Ca	Fe Pb Mg
ICSAB		1	13:57 Al	Ca	Fe Pb Mg
CCV		1	14:04 Al	Ca	Fe Pb Mg
CCB		1	14:11 Al	Ca	Fe Pb Mg
ZZZZZZ		1	14:18		
ZZZZZZ		1	14:26		
ZZZZZZ		1	14:33		
ZZZZZZ		1	14:40		
ZZZZZZ		1	14:47		
ZZZZZZ		1	14:54		
ZZZZZZ		1	15:01		
ZZZZZZ		1	15:09		
ZZZZZZ		1	15:16		
ZZZZZZ		1	15:23		
CCV		1	15:30 Al	Ca	Fe Pb Mg
CCB		1	15:37 Al	Ca	Fe Pb Mg
ZZZZZZ		1	15:44		
ZZZZZZ		1	15:52		
ZZZZZZ		1	15:59		
ZZZZZZ		1	16:06		
ZZZZZZ		1	16:13		
ZZZZZZ		1	16:20		
ZZZZZZ		1	16:27		
ZZZZZZ		1	16:35		
ZZZZZZ		1	16:42		
ZZZZZZ		1	16:49		
CCV		1	16:56 Al	Ca	Fe Pb Mg
CCB		1	17:03 Al	Ca	Fe Pb Mg
ZZZZZZ		1	17:10		
ZZZZZZ		1	17:18		
ZZZZZZ		1	17:25		
ZZZZZZ		1	17:32		
ZZZZZZ		1	17:39		
ZZZZZZ		1	17:46		
ZZZZZZ		1	17:53		
CRI		1	18:01 Al	Ca	Fe Pb Mg
ICSA		1	18:08 Al	Ca	Fe Pb Mg
ICSAB		1	18:15 Al	Ca	Fe Pb Mg
CCV		1	18:22 Al	Ca	Fe Pb Mg

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WV5582

Instrument ID: TJA TRACE ICP **File Name:** AVJ22A

Date: 10/22/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements
CCB		1	18:29	Al Ca Fe Pb Mg
ZZZZZZ		1	18:36	
ZZZZZZ		1	18:44	
ZZZZZZ		1	18:51	
ZZZZZZ		1	18:58	
ZZZZZZ		1	19:05	
ZZZZZZ		1	19:12	
ZZZZZZ		1	19:19	
LC2OVJ21ICS1		1	19:27	Al Fe Pb
LCSOVJ21ICS1		1	19:34	Al Fe Pb
PBSVJ21ICS1		1	19:41	Al Fe Pb
CCV		1	19:48	Al Ca Fe Pb Mg
CCB		1	19:55	Al Ca Fe Pb Mg
ZZZZZZ		1	20:02	
WV5582-001	PEN46SB2301	1	20:10	Al Fe Pb
WV5582-002	PEN46SB2302	1	20:17	Al Fe Pb
WV5582-003	PEN46SB2401	1	20:24	Al Fe Pb
WV5582-004	PEN46SB2402	1	20:31	Al Fe Pb
WV5582-005	PEN46SB2701	1	20:38	Al Fe Pb
WV5582-006	PEN46SB2702	1	20:46	Al Fe Pb
WV5582-007	PEN46SB2601	1	20:53	Al Fe Pb
WV5582-008	PEN46SB2602	1	21:00	Al Fe Pb
WV5582-009	PEN46SB2603	1	21:07	Al Fe Pb
CCV		1	21:14	Al Ca Fe Pb Mg
CCB		1	21:21	Al Ca Fe Pb Mg
WV5582-010	PEN46SB2501	1	21:29	Al Fe Pb
WV5582-011	PEN46SB2502	1	21:36	Al Fe Pb
WV5582-012	PEN46SB2503	1	21:43	Al Fe Pb
WV5582-013	PEN46SB2201	1	21:50	Al Fe Pb
WV5582-014	PEN46SB2202	1	21:57	Al Fe Pb
WV5582-015	PEN46SB2203	1	22:04	Al Fe Pb
WV5582-016	PEN46SB2801	1	22:12	Al Fe Pb
CRI		1	22:19	Al Ca Fe Pb Mg
ICSA		1	22:26	Al Ca Fe Pb Mg
ICSAB		1	22:33	Al Ca Fe Pb Mg
CCV		1	22:40	Al Ca Fe Pb Mg
CCB		1	22:47	Al Ca Fe Pb Mg
WV5582-017	PEN46SB2802	1	22:55	Al Fe Pb
ZZZZZZ		1	23:02	
CRI		1	23:09	Al Ca Fe Pb Mg
ICSA		1	23:16	Al Ca Fe Pb Mg
ICSAB		1	23:23	Al Ca Fe Pb Mg
CCV		1	23:31	Al Ca Fe Pb Mg
CCB		1	23:38	Al Ca Fe Pb Mg

%RSD	.25076	.84466	51.015	45.580	234.57	729.98	1.3266
#1	1.1955	2.3462	-.00114	-.00195	-.01629	.00521	2.3141
#2	1.1912	2.3744	-.00243	-.00100	.00404	-.00352	2.2711

Elem	2203/2	1960/1	1960/2
Units			
Avge	2.3941	-.00218	-.00158
SDev	.0451	.01083	.00404
%RSD	1.8827	495.87	255.26
#1	2.3623	.00547	-.00444
#2	2.4260	-.00984	.00127

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	44948	--	--	--	--	--	--
SDev	416.4859	--	--	--	--	--	--
%RSD	.9266052	--	--	--	--	--	--
#1	44653	--	--	--	--	--	--
#2	45242	--	--	--	--	--	--

Method: NONAK Sample Name: WV5582-006 Operator:
Run Time: 10/22/05 20:46:01
Comment: Sample: PEN465B2702
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	2.5702	.00376	.07456	-.00259	.00187	.01028	2.3009
SDev	.0207	.00074	.00006	.00008	.00013	.00011	.0015
%RSD	.80619	19.705	.08136	3.1216	6.8777	1.0532	.06557
#1	2.5848	.00428	.07451	-.00265	.00196	.01035	2.3019
#2	2.5555	.00324	.07460	-.00254	.00177	.01020	2.2998

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.08067	.00114	.85529	12.652	.48649	.04794	.00112
SDev	.00188	.00148	.00170	.022	.01562	.00042	.00145
%RSD	2.3359	130.49	.19920	.17358	3.2104	.86971	129.40
#1	.08201	.00219	.85649	12.667	.49753	.04824	.00214
#2	.07934	.00009	.85408	12.636	.47544	.04765	.00010

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.01192	.00014	.04471	.00072	.03339	.10129	.04293
SDev	.00148	.00216	.00013	.00096	.00268	.00006	.00142
%RSD	12.436	1525.8	.28683	133.36	8.0281	.05484	3.2968
#1	.01297	.00167	.04480	.00004	.03528	.10125	.04393
#2	.01087	-.00139	.04462	.00140	.03149	.10133	.04193

96.4% solid
1.52 g
100 mL

Pb = 214 mg/kg

Elem	Zn	Pb	Se	Sb	2068/1	2068/2	2203/1
Units	mg/L	mg/L	mg/L	mg/L			
Avge	.13081	3.1357	-.00039	-.00010	-.00455	.00211	3.0487
SDev	.00021	.0438	.00174	.00161	.00458	.00013	.0080
%RSD	.15898	1.3967	446.85	1541.9	100.77	6.0705	.26247
#1	.13096	3.1048	.00084	-.00124	-.00779	.00202	3.0543
#2	.13067	3.1667	-.00162	.00103	-.00131	.00220	3.0430

Elem	2203/2	1960/1	1960/2
Units			
Avge	3.1792	.00371	-.00243
SDev	.0697	.00242	.00140
%RSD	2.1910	65.176	57.369
#1	3.1299	.00542	-.00145
#2	3.2285	.00200	-.00342

$3.1357\ mg/L \times \frac{100\ mL}{1.52\ g} = \frac{206.30}{0.964} = 214\ mg/kg$ ✓

IntStd	1	2	3	4	5	6	7
Mode	*Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	360.063	--	--	--	--	--	--
Avge	44598	--	--	--	--	--	--
SDev	316.0767	--	--	--	--	--	--
%RSD	.7087319	--	--	--	--	--	--
#1	44374	--	--	--	--	--	--
#2	44821	--	--	--	--	--	--

Method: NONAK Sample Name: WV5582-007 Operator:
Run Time: 10/22/05 20:53:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al	As	Ba	Be	B	Cd	Ca
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.1556	-.00463	.05035	-.00262	.00104	.00578	.69103
SDev	.0066	.00115	.00001	.00008	.00046	.00022	.00248
%RSD	.57262	24.837	.02128	3.0261	44.091	3.7713	.35952
#1	1.1603	-.00381	.05034	-.00268	.00072	.00594	.69279
#2	1.1509	-.00544	.05035	-.00256	.00136	.00563	.68928

Elem	Cr	Co	Cu	Fe	Mg	Mn	Mo
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	1.0529	.00252	.14104	3.6773	.23838	.01093	.00052
SDev	.0022	.00173	.00169	.0108	.01544	.00018	.00077
%RSD	.20821	68.619	1.1970	.29424	6.4781	1.6137	148.35
#1	1.0544	.00375	.14224	3.6849	.24930	.01106	.00107
#2	1.0513	.00130	.13985	3.6696	.22746	.01081	-.00003

Elem	Ni	Ag	Sr	Tl	Sn	Ti	V
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Avge	.00338	-.00016	.01112	-.00062	.03286	.07738	.00491
SDev	.00127	.00154	.00012	.00037	.00488	.00114	.00034
%RSD	37.539	954.79	1.0351	59.645	14.851	1.4687	6.8508

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **G. WALKER** **DATE:** **FEBRUARY 8, 2006**

FROM: **ERIN M. FAUST** **COPIES:** **DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS AND SPLP METALS**
CTO – 367 NAS PENSACOLA
SAMPLE DELIVERY GROUPS (SDGs) – CTO367-2 & CTO333-4

SAMPLES: 15/Soils/

PEN45SB2501	PEN45SB2502	PEN45SB2503
PEN45SB2601	PEN45SB2701	PEN46SB2901
PEN46SB2902	PEN46SB2903	PEN46SB3001
PEN46SB3001D	PEN46SB3002	PEN46SB3003
PEN46SB3101	PEN46SB3102	PEN46SB3103

8/Aqueous/

PEN-OU1-MW02-07	PEN-OU1-MW02A-07	PEN-OU1-PZ01-07
PEN-OU1-PZ07B-07	PEN-OU1-PZ10-07	PEN-OU1-W01-07
PEN-OU1-W02-07	PEN46RB1202	

Overview

The sample set for CTO 367, NAS Pensacola, SDGs CTO367-2 & CTO333-4, consists of fifteen (15) soil environmental samples, seven (7) aqueous environmental samples and one (1) aqueous rinsate blank, PEN46RB1202. One (1) field duplicate pair (PEN46SB3001 / PEN46SB3001D) is included within this SDG.

All soil samples and the rinsate blank sample were analyzed for target analyte list (TAL) metals, with the exception of samples PEN45SB2601 and PEN45SB2701, which were analyzed for aluminum, arsenic and iron only. In addition, all of the soil samples except PEN45SB2601 and PEN45SB2701 were leached according to the Synthetic Precipitate Leachate Procedure (SPLP) and analyzed for TAL metals. The aqueous samples were analyzed for iron only. The samples were collected by Tetra Tech NUS on December 2, 16, 17, 18 and 20, 2005 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Metals analyses, with the exception of aluminum, iron, sodium and zinc in several samples and antimony, arsenic, chromium, lead, mercury, selenium and thallium in all samples were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 methods 7470A and 7471A. Analyses for aluminum, iron, sodium and zinc in several samples and antimony, arsenic, chromium, lead, selenium and thallium in all samples were conducted using SW-846 method 6020.

Metals analyses, with the exception of aluminum, iron, sodium and zinc in several samples and antimony, arsenic, chromium, lead, mercury, selenium and thallium in all samples, were conducted using Inductively Coupled Plasma (ICP) instrumentation. Analyses for aluminum, iron, sodium and zinc in several samples and antimony, arsenic, chromium, lead, selenium and thallium in all samples were conducted using Inductively Coupled Plasma Mass Spectrometry

(ICP-MS) instrumentation. Mercury analyses were conducted using Cold Vapor Atomic Absorption (CVAA) instrumentation.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Verification Results
• Laboratory Blank Analyses
• ICP Interference Check Sample Results
* • Laboratory Control Sample Results
• Field Duplicate Results
* • Sample Quantitation
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	69.7 µg/L	34.85 mg/kg
Antimony[1]	0.031 mg/kg	0.155 mg/kg
Barium	1.98 µg/L	0.99 mg/kg
Beryllium	1.07 µg/L	0.535 mg/kg
Calcium	76.66 µg/L	38.33 mg/kg
Chromium[1]	0.36 mg/kg	1.8 mg/kg
Iron[1]	7.365 mg/kg	36.825 mg/kg
Lead[1]	0.084 mg/kg	0.42 mg/kg
Magnesium	79.57 µg/L	39.785 mg/kg
Manganese[1]	0.178 mg/kg	0.89 mg/kg
Mercury	0.07 µg/L	0.058 mg/kg
Nickel[1]	0.089 mg/kg	0.445 mg/kg
Potassium	953.98 µg/L	476.99 mg/kg
Selenium	0.60 µg/L	0.30 mg/kg
Silver	12.86 µg/L	6.43 mg/kg
Sodium	82.36 µg/L	41.18 mg/kg
Thallium	0.13 µg/L	0.065 mg/kg
Vanadium[1]	0.045 mg/kg	0.225 mg/kg
Zinc[1]	0.604 mg/kg	3.02 mg/kg

Samples affected: All soil samples.

[1] Maximum concentration present in laboratory preparation blank affecting all soil samples.

Analyte	Maximum Concentration	Action Level
Aluminum	69.7 µg/L	348.5 µg/L
Antimony[2]	0.319 µg/L	1.595 µg/L
Antimony[3]	0.574 µg/L	2.87 µg/L
Arsenic[2]	0.915 µg/L	4.575 µg/L
Arsenic[4]	0.003 mg/L	15.0 µg/L

Barium	1.98 µg/L	9.9 µg/L
Beryllium	1.07 µg/L	5.35 µg/L
Calcium	76.66 µg/L	383.3 µg/L
Chromium[(2)]	2.195 µg/L	10.975 µg/L
Chromium[(3)]	2.352 mg/L	11.76 µg/L
Chromium[(4)]	0.0044 mg/L	22.0 µg/L
Iron	36.76 µg/L	183.8 µg/L
Lead[(2)]	0.329 µg/L	1.645 µg/L
Lead[(3)]	0.251 µg/L	1.255 µg/L
Lead[(4)]	0.002 mg/L	10.0 µg/L
Magnesium	79.57 µg/L	397.85 µg/L
Manganese	1.18 µg/L	5.9 µg/L
Mercury	0.07 µg/L	0.35 µg/L
Potassium	953.98 µg/L	4769.9 µg/L
Selenium	0.60 µg/L	3.0 µg/L
Selenium[(3)]	0.741 µg/L	3.705 µg/L
Selenium[(4)]	0.004 mg/L	20.0 µg/L
Silver	12.86 µg/L	64.3 µg/L
Sodium	82.36 µg/L	411.8 µg/L
Thallium	0.13 µg/L	0.65 µg/L
Thallium[(3)]	0.322 µg/L	1.6 µg/L
Thallium[(4)]	0.0005 mg/L	2.5 µg/L
Zinc	3.12 µg/L	15.6 µg/L

Samples affected: All SPLP samples.

[(2)] Maximum concentration present in a laboratory preparation blank from preparation batch VL28ICW0, affecting samples PEN46SB2901, PEN46SB2902, PEN46SB2903 and PEN46SB3001.
[(3)] Maximum concentration present in a laboratory preparation blank from preparation batch VL29ICW1, affecting all samples except PEN46SB2901, PEN46SB2902, PEN46SB2903 and PEN46SB3001.
[(4)] Maximum concentration present in SPLP extraction blank PBT697A, affecting samples PEN45SB2501, PEN45SB2502, PEN45SB2503, PEN46SB3003, PEN46SB3101, PEN46SB3102 and PEN46SB3103.

Analyte	Maximum Concentration	Action Level
Iron	36.69 µg/L	183.45 µg/L

Samples affected: All aqueous samples.

An action level of 5X the maximum concentration has been used to evaluate the sample data for blank contamination. Sample aliquot, percent solids and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results, less than the blank action level, were qualified "U" as a result of laboratory blank contamination.

ICP Interference Check Sample Results

The interfering analytes calcium and iron were present in the soil analysis of sample PEN45SB2501 at concentrations that were comparable to the levels of calcium and iron in the Interference Check Sample (ICS) solution. Several analytes, namely, antimony, beryllium, chromium, cobalt, copper, lead, manganese, nickel, potassium, selenium, silver, sodium, vanadium and zinc were present in the ICS solution at concentrations which exceeded the absolute value of the Instrument Detection Limit (IDL). Interference effects exist for antimony,

cobalt and sodium in the affected sample. The positive results reported for antimony, cobalt and sodium were qualified as estimated, "J".

Field Duplicate Results

Field duplicate imprecision (RPD > 50%) was noted for iron and manganese, affecting the soil matrix. Positive results reported for these analytes in the soil matrix were qualified as estimated, "J".

Field duplicate imprecision (RPD > 50%) was noted for barium and zinc, affecting the SPLP matrix. Positive results reported for these analytes in the SPLP matrix were qualified as estimated, "J".

Notes

The laboratory only performed matrix spike (MS) and matrix spike duplicate (MSD) analyses for mercury. The MS and MSD percent recoveries for mercury were outside of the 75-125% quality control limits, however, no validation action was required because the concentration of mercury in the unspiked sample was greater than four times the concentration of mercury in the spiking solution.

The laboratory did not perform ICP serial dilution analyses for any samples within this SDG; therefore, this quality control parameter could not be evaluated.

The Contract Required Detection Limit (CRDL) percent recovery for cadmium on 12/18/05 at 16:00 was > 120% quality control limit. The CRDL percent recoveries for silver on 12/30/05 at 00:55 and 03:41 were > 120% quality control limit. The CRDL percent recovery for cadmium on 12/30/05 at 15:43 was > 120% quality control limit. The CRDL percent recoveries for silver on 12/30/05 at 15:43 and 19:15 were > 120% quality control limit. No validation action was taken based on the CRDL percent recoveries.

The Practical Quantitation Limit (PQL) percent recoveries for barium, calcium and manganese on 12/18/05 at 12:15 were > 120% quality control limit. The PQL percent recovery for potassium on 12/18/05 at 12:15 was < 80% quality control limit. The PQL percent recoveries for cadmium, calcium and silver on 12/29/05 at 18:31 were > 120% quality control limit. The PQL percent recovery for calcium on 12/30/05 at 11:23 was > 120% quality control limit. The PQL percent recovery for thallium on 12/30/05 at 13:09 was < 80% quality control limit. The PQL percent recovery for silver on 1/5/06 at 12:37 was < 80% quality control limit. The PQL percent recoveries for calcium and magnesium on 1/5/06 at 12:40 were > 120% quality control limit. No validation action was taken based on the PQL percent recoveries.

The rinsate blank sample was not used to establish blank action levels and was not qualified due to laboratory blank contamination.

All results for antimony, arsenic, chromium, lead, selenium and thallium were analyzed by ICP-MS and were analyzed at a 5X dilution, with the exception of lead in the soil analyses of samples PEN45SB2501 and PEN45SB2502, which were analyzed at 25X dilutions.

Aluminum and iron were analyzed by ICP-MS at 20X and 5X dilutions, respectively, in samples PEN45SB2601 and PEN45SB2701.

Zinc was analyzed by ICP-MS at a 5X dilution in the soil analysis of sample PEN45SB2501. Several samples were analyzed for sodium by ICP-MS at 5X dilutions.

The extraction fluid blank, PBT697A, was not summarized on the analytical run log (Form XIV). The blank was summarized on the instrument run log and it was noted that the blank was analyzed at a 25X dilution. The dilution was greater than the level that most SPLP samples were analyzed. No action was taken; however, the dilution factor adjustment could not be used when evaluating SPLP samples.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: Antimony, cobalt and sodium were qualified due to ICS noncompliance, affecting the soil analysis of sample PEN45SB2501. Field duplicate imprecision was noted for iron and manganese, affecting the soil matrix. Field duplicate imprecision was noted for barium and zinc, affecting the SPLP matrix.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 00007

SDG: CTO333-4 MEDIA: WATER DATA FRACTION: M

nsample	PEN-OU1-MW02-07
samp_date	12/18/2005
lab_id	WV6770-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	59000			

nsample	PEN-OU1-MW02A-07
samp_date	12/18/2005
lab_id	WV6770-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	504			

nsample	PEN-OU1-PZ01-07
samp_date	12/18/2005
lab_id	WV6770-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	17800			

PROJ_NO: 00007

SDG: CTO333-4 MEDIA: WATER DATA FRACTION: M

nsample	PEN-OU1-PZ07B-07
samp_date	12/16/2005
lab_id	WV6789-004
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	1180			

nsample	PEN-OU1-PZ10-07
samp_date	12/20/2005
lab_id	WV6789-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	2670			

nsample	PEN-OU1-W01-07
samp_date	12/17/2005
lab_id	WV6789-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	8900			

PROJ_NO: 00007

SDG: CTO333-4 MEDIA: WATER DATA FRACTION: M

nsample	PEN-OU1-W02-07
samp_date	12/17/2005
lab_id	WV6789-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
IRON	4350			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPM

nsample	PEN45SB2501	nsample	PEN45SB2502	nsample	PEN45SB2503
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-029	lab_id	WV6482-030	lab_id	WV6482-031
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	4530			
ANTIMONY	3.7	I		
ARSENIC	10.8		U	A
BARIUM	314		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	24000			
CHROMIUM	31.4			
COBALT	3.05	U	U	
COPPER	27.6			
IRON	2740			
LEAD	356			
MAGNESIUM	1840			
MANGANESE	34.1			
MERCURY	0.48			
NICKEL	11.7	U	U	
POTASSIUM	574	I	U	A
SELENIUM	1.6	U	U	
SILVER	6.8	I	U	A
SODIUM	1560		U	A
THALLIUM	0.15	U	U	
VANADIUM	5.0	I		
ZINC	397		J	G

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	10300			
ANTIMONY	3.0	I		
ARSENIC	20.3		U	A
BARIUM	326		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	16300			
CHROMIUM	26.7			
COBALT	3.05	U	U	
COPPER	44.5			
IRON	4460			
LEAD	412			
MAGNESIUM	3300			
MANGANESE	53.8			
MERCURY	0.92			
NICKEL	12.9	I		
POTASSIUM	1630	I	U	A
SELENIUM	1.6	U	U	
SILVER	5.2	I	U	A
SODIUM	2150			
THALLIUM	0.15	U	U	
VANADIUM	15.4	I		
ZINC	559		J	G

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	8120			
ANTIMONY	1.4	I	U	A
ARSENIC	11.1		U	A
BARIUM	212		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	6910			
CHROMIUM	14.7	I	U	A
COBALT	3.05	U	U	
COPPER	21.2	I		
IRON	3260			
LEAD	148			
MAGNESIUM	4010			
MANGANESE	32.0			
MERCURY	0.38			
NICKEL	11.7	U	U	
POTASSIUM	919	I	U	A
SELENIUM	2.0	I	U	A
SILVER	6.6	I	U	A
SODIUM	1700		U	A
THALLIUM	0.15	U	U	
VANADIUM	10.3	I		
ZINC	268		J	G

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPM

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-019
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	4610			
ANTIMONY	0.48	I	U	A
ARSENIC	1.5	I	U	A
BARIUM	163		J	G
BERYLLIUM	0.45	I	U	A
CADMIUM	4.36	U	U	
CALCIUM	158000			
CHROMIUM	21.7			
COBALT	3.05	U	U	
COPPER	3.6	I		
IRON	95.5	I	U	A
LEAD	9.7			
MAGNESIUM	42.9	I	U	A
MANGANESE	1.8	I	U	A
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	2700		U	A
SELENIUM	2.1	I	U	A
SILVER	5.1	I	U	A
SODIUM	2000			
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	31.8		J	G

nsample	PEN46SB2902
samp_date	12/2/2005
lab_id	WV6482-020
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1730			
ANTIMONY	0.52	I	U	A
ARSENIC	4.4	I	U	A
BARIUM	164		J	G
BERYLLIUM	0.41	I	U	A
CADMIUM	4.36	U	U	
CALCIUM	39200			
CHROMIUM	9.3	I	U	A
COBALT	3.05	U	U	
COPPER	11.9	I		
IRON	285			
LEAD	41.2			
MAGNESIUM	119		U	A
MANGANESE	5.5		U	A
MERCURY	0.02	I	U	A
NICKEL	11.7	U	U	
POTASSIUM	511	I	U	A
SELENIUM	1.6	I	U	A
SILVER	5.8	I	U	A
SODIUM	490	I		
THALLIUM	0.15	U	U	
VANADIUM	5.8	I		
ZINC	114		J	G

nsample	PEN46SB2903
samp_date	12/2/2005
lab_id	WV6482-021
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1410			
ANTIMONY	0.44	I	U	A
ARSENIC	3.0	I	U	A
BARIUM	33.4		J	G
BERYLLIUM	0.38	I	U	A
CADMIUM	4.36	U	U	
CALCIUM	19400			
CHROMIUM	6.0	I	U	A
COBALT	3.05	U	U	
COPPER	4.2	I		
IRON	458			
LEAD	33.7			
MAGNESIUM	219		U	A
MANGANESE	4.4	I	U	A
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	711	I	U	A
SELENIUM	1.8	I	U	A
SILVER	6.0	I	U	A
SODIUM	79.1	I	U	A
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	36.7		J	G

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPM

nsample	PEN46SB3001
samp_date	12/2/2005
lab_id	WV6482-022
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	667			
ANTIMONY	0.61	I	U	A
ARSENIC	1.3	U	U	
BARIUM	110		J	G
BERYLLIUM	0.38	I	U	A
CADMIUM	4.36	U	U	
CALCIUM	8220			
CHROMIUM	16.3			
COBALT	3.05	U	U	
COPPER	24.8	I		
IRON	831			
LEAD	57.4			
MAGNESIUM	1220			
MANGANESE	43.7			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	924	I	U	A
SELENIUM	1.6	U	U	
SILVER	4.4	U	U	
SODIUM	204	I	U	A
THALLIUM	0.15	U	U	
VANADIUM	5.8	I		
ZINC	402		J	G

nsample	PEN46SB3001D
samp_date	12/2/2005
lab_id	WV6482-023
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	PEN46SB3001

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	898			
ANTIMONY	0.83	I	U	A
ARSENIC	1.3	U	U	
BARIUM	256		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	8270			
CHROMIUM	12.5	I		
COBALT	3.05	U	U	
COPPER	14.1	I		
IRON	798			
LEAD	48.6			
MAGNESIUM	1370			
MANGANESE	41.3			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	608	I	U	A
SELENIUM	1.6	U	U	
SILVER	4.4	U	U	
SODIUM	1630		U	A
THALLIUM	0.18	I	U	A
VANADIUM	4.88	U	U	
ZINC	235		J	G

nsample	PEN46SB3002
samp_date	12/2/2005
lab_id	WV6482-024
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	524			
ANTIMONY	0.65	I	U	A
ARSENIC	1.4	I		
BARIUM	210		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	5910			
CHROMIUM	11.9	I		
COBALT	3.05	U	U	
COPPER	22.9	I		
IRON	510			
LEAD	48.6			
MAGNESIUM	1180			
MANGANESE	36.8			
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	420	U	U	
SELENIUM	1.6	U	U	
SILVER	7.1	I	U	A
SODIUM	1140		U	A
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	251		J	G

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPM

nsample	PEN46SB3003
samp_date	12/2/2005
lab_id	WV6482-025
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	812			
ANTIMONY	0.51	I	U	A
ARSENIC	2.9	I	U	A
BARIUM	350		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	11200			
CHROMIUM	10.2	I	U	A
COBALT	3.05	U	U	
COPPER	740			
IRON	110		U	A
LEAD	259			
MAGNESIUM	2950			
MANGANESE	34.5			
MERCURY	0.02	U	U	
NICKEL	18.0	I		
POTASSIUM	1120	I	U	A
SELENIUM	1.6	U	U	
SILVER	5.6	I	U	A
SODIUM	3440			
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	586		J	G

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-026
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1580			
ANTIMONY	0.96	I	U	A
ARSENIC	3.0	I	U	A
BARIUM	143		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	132000			
CHROMIUM	65.6			
COBALT	3.05	U	U	
COPPER	10.7	I		
IRON	9.1	I	U	A
LEAD	2.7	I	U	A
MAGNESIUM	26.8	I	U	A
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	990	I	U	A
SELENIUM	1.9	I	U	A
SILVER	4.4	U	U	
SODIUM	1440		U	A
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	22.8	I	J	G

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-027
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	475			
ANTIMONY	0.67	I	U	A
ARSENIC	7.6	I	U	A
BARIUM	102		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	32600			
CHROMIUM	28.7			
COBALT	3.05	U	U	
COPPER	5.5	I		
IRON	16.0	I	U	A
LEAD	4.0	I	U	A
MAGNESIUM	311		U	A
MANGANESE	0.70	U	U	
MERCURY	0.07	I	U	A
NICKEL	11.7	U	U	
POTASSIUM	926	I	U	A
SELENIUM	1.7	I	U	A
SILVER	4.4	U	U	
SODIUM	2390			
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	15.2	I	U	A

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SPLP DATA FRACTION: SPLPM

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-028
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	337		U	A
ANTIMONY	0.57	I	U	A
ARSENIC	5.7	I	U	A
BARIUM	76.3		J	G
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	20100			
CHROMIUM	17.9		U	A
COBALT	3.05	U	U	
COPPER	214			
IRON	1440			
LEAD	125			
MAGNESIUM	1300			
MANGANESE	4.3	I	U	A
MERCURY	0.26		U	A
NICKEL	11.7	U	U	
POTASSIUM	757	I	U	A
SELENIUM	1.6	U	U	
SILVER	4.4	U	U	
SODIUM	2260			
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	73.8		J	G

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: M

nsample	PEN45SB2501
samp_date	12/2/2005
lab_id	WV6482-011
qc_type	NM
units	MG/KG
Pct_Solids	93.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	8840			
ANTIMONY	1.7		J	K
ARSENIC	10.6			
BARIUM	343			
BERYLLIUM	1.1			
CADMIUM	1.7			
CALCIUM	17200			
CHROMIUM	20.8			
COBALT	2.9		J	K
COPPER	53.5			
IRON	7230		J	G
LEAD	864			
MAGNESIUM	2800			
MANGANESE	323		J	G
MERCURY	1.6			
NICKEL	9.4			
POTASSIUM	707			
SELENIUM	0.52	I	U	A
SILVER	0.44	I	U	A
SODIUM	142		J	K
THALLIUM	0.16	I	U	A
VANADIUM	13.8			
ZINC	679			

nsample	PEN45SB2502
samp_date	12/2/2005
lab_id	WV6482-012
qc_type	NM
units	MG/KG
Pct_Solids	92.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	8020			
ANTIMONY	0.38	I		
ARSENIC	9.5			
BARIUM	129			
BERYLLIUM	1.2			
CADMIUM	2.9			
CALCIUM	8760			
CHROMIUM	10.0			
COBALT	1.9	I		
COPPER	57.9			
IRON	4090		J	G
LEAD	465			
MAGNESIUM	1810			
MANGANESE	241		J	G
MERCURY	1.1			
NICKEL	5.0			
POTASSIUM	390		U	A
SELENIUM	0.42	I	U	A
SILVER	0.54	I	U	A
SODIUM	53.3	I		
THALLIUM	0.10	I	U	A
VANADIUM	9.2			
ZINC	628			

nsample	PEN45SB2503
samp_date	12/2/2005
lab_id	WV6482-013
qc_type	NM
units	MG/KG
Pct_Solids	93.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	2810			
ANTIMONY	0.24	I		
ARSENIC	6.3			
BARIUM	57.5			
BERYLLIUM	0.29	I	U	A
CADMIUM	0.67	I		
CALCIUM	945			
CHROMIUM	5.9			
COBALT	1.1	I		
COPPER	68.5			
IRON	4500		J	G
LEAD	312			
MAGNESIUM	346			
MANGANESE	40.7		J	G
MERCURY	1.9			
NICKEL	3.3			
POTASSIUM	119	I	U	A
SELENIUM	0.14	I	U	A
SILVER	0.35	U	U	
SODIUM	2.71	U	U	
THALLIUM	0.03	I	U	A
VANADIUM	7.0			
ZINC	231			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: M

nsample	PEN45SB2601
samp_date	12/2/2005
lab_id	WV6482-016
qc_type	NM
units	MG/KG
Pct_Solids	93.4
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	9360			
ARSENIC	2.8			
IRON	7300		J	G

nsample	PEN45SB2701
samp_date	12/2/2005
lab_id	WV6482-017
qc_type	NM
units	MG/KG
Pct_Solids	90.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	8180			
ARSENIC	2.6			
IRON	6430		J	G

nsample	PEN46SB2901
samp_date	12/2/2005
lab_id	WV6482-001
qc_type	NM
units	MG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	4590			
ANTIMONY	0.06	I	U	A
ARSENIC	1.3			
BARIUM	35.5			
BERYLLIUM	0.11	I	U	A
CADMIUM	0.33	U	U	
CALCIUM	9390			
CHROMIUM	5.7			
COBALT	0.65	I		
COPPER	8.3			
IRON	2820		J	G
LEAD	73.9			
MAGNESIUM	224			
MANGANESE	25.3		J	G
MERCURY	0.04		U	A
NICKEL	3.1			
POTASSIUM	71.1	I	U	A
SELENIUM	0.12	I	U	A
SILVER	0.52	I	U	A
SODIUM	2.53	U	U	
THALLIUM	0.02	I	U	A
VANADIUM	7.2			
ZINC	37.3			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB2902	nsample	PEN46SB2903	nsample	PEN46SB3001
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-002	lab_id	WV6482-003	lab_id	WV6482-004
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	93.7	Pct_Solids	94.8	Pct_Solids	91.6
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	978			
ANTIMONY	0.06	I	U	A
ARSENIC	1.4			
BARIUM	56.2			
BERYLLIUM	0.09	I	U	A
CADMIUM	0.26	U	U	
CALCIUM	1880			
CHROMIUM	2.7			
COBALT	0.52	I		
COPPER	19.9			
IRON	1410		J	G
LEAD	67.1			
MAGNESIUM	60.0			
MANGANESE	11.6		J	G
MERCURY	0.05			
NICKEL	2.2	I		
POTASSIUM	51.3	I	U	A
SELENIUM	0.26	I	U	A
SILVER	0.38	I	U	A
SODIUM	17.9	I	U	A
THALLIUM	0.03	I	U	A
VANADIUM	2.2			
ZINC	12.0			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	67.2			
ANTIMONY	0.01	I	U	A
ARSENIC	0.10	I		
BARIUM	1.5			
BERYLLIUM	0.03	I	U	A
CADMIUM	0.24	U	U	
CALCIUM	155			
CHROMIUM	0.60	I	U	A
COBALT	0.17	U	U	
COPPER	1.7			
IRON	275		J	G
LEAD	7.6			
MAGNESIUM	9.4		U	A
MANGANESE	1.9		J	G
MERCURY	0.01	U	U	
NICKEL	0.64	U	U	
POTASSIUM	22.84	U	U	
SELENIUM	0.09	U	U	
SILVER	0.24	U	U	
SODIUM	1.84	U	U	
THALLIUM	0.01	U	U	
VANADIUM	0.27	U	U	
ZINC	3.0			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	129			
ANTIMONY	0.06	I	U	A
ARSENIC	0.16	I		
BARIUM	1.2			
BERYLLIUM	0.06	I	U	A
CADMIUM	0.41	U	U	
CALCIUM	168			
CHROMIUM	4.2			
COBALT	0.28	U	U	
COPPER	6.3			
IRON	377		J	G
LEAD	17.2			
MAGNESIUM	43.3			
MANGANESE	2.9		J	G
MERCURY	0.09			
NICKEL	1.09	U	U	
POTASSIUM	39.19	U	U	
SELENIUM	0.15	U	U	
SILVER	0.41	U	U	
SODIUM	3.15	U	U	
THALLIUM	0.03	I	U	A
VANADIUM	0.46	U	U	
ZINC	12.9			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB3001D	nsample	PEN46SB3002	nsample	PEN46SB3003
samp_date	12/2/2005	samp_date	12/2/2005	samp_date	12/2/2005
lab_id	WV6482-005	lab_id	WV6482-006	lab_id	WV6482-007
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	90.2	Pct_Solids	89.8	Pct_Solids	93.0
DUP_OF:	PEN46SB3001	DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	146			
ANTIMONY	0.05	I	U	A
ARSENIC	0.48			
BARIUM	2.3			
BERYLLIUM	0.04	I	U	A
CADMIUM	0.25	U	U	
CALCIUM	155			
CHROMIUM	4.2			
COBALT	0.18	U	U	
COPPER	8.2			
IRON	1090		J	G
LEAD	23.9			
MAGNESIUM	42.3			
MANGANESE	6.1		J	G
MERCURY	0.03	I	U	A
NICKEL	1.1	I		
POTASSIUM	24.51	U	U	
SELENIUM	0.09	U	U	
SILVER	0.37	I	U	A
SODIUM	1.97	U	U	
THALLIUM	0.01	I	U	A
VANADIUM	0.46	I		
ZINC	18.0			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	195			
ANTIMONY	0.06	I	U	A
ARSENIC	0.30	I		
BARIUM	2.3			
BERYLLIUM	0.05	I	U	A
CADMIUM	0.30	U	U	
CALCIUM	604			
CHROMIUM	3.3			
COBALT	0.21	U	U	
COPPER	5.9			
IRON	538		J	G
LEAD	17.7			
MAGNESIUM	73.6			
MANGANESE	6.5		J	G
MERCURY	0.04		U	A
NICKEL	0.90	I		
POTASSIUM	28.87	U	U	
SELENIUM	0.11	U	U	
SILVER	0.60	I	U	A
SODIUM	2.32	U	U	
THALLIUM	0.01	U	U	
VANADIUM	0.65	I		
ZINC	12.7			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	127			
ANTIMONY	0.04	I	U	A
ARSENIC	0.40	I		
BARIUM	1.8			
BERYLLIUM	0.05	I	U	A
CADMIUM	0.31	U	U	
CALCIUM	180			
CHROMIUM	5.8			
COBALT	0.22	U	U	
COPPER	38.5			
IRON	475		J	G
LEAD	38.3			
MAGNESIUM	62.4			
MANGANESE	1.6		J	G
MERCURY	0.29			
NICKEL	0.83	U	U	
POTASSIUM	38.0	I	U	A
SELENIUM	0.11	U	U	
SILVER	0.42	I	U	A
SODIUM	2.39	U	U	
THALLIUM	0.01	U	U	
VANADIUM	0.78	I		
ZINC	8.2			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: SOIL DATA FRACTION: M

nsample	PEN46SB3101
samp_date	12/2/2005
lab_id	WV6482-008
qc_type	NM
units	MG/KG
Pct_Solids	93.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1560			
ANTIMONY	0.11	I	U	A
ARSENIC	2.1			
BARIUM	17.9			
BERYLLIUM	0.18	I	U	A
CADMIUM	1.2			
CALCIUM	15300			
CHROMIUM	28.2			
COBALT	0.70	I		
COPPER	13.5			
IRON	2830		J	G
LEAD	88.3			
MAGNESIUM	637			
MANGANESE	26.9		J	G
MERCURY	0.07			
NICKEL	5.8			
POTASSIUM	35.83	U	U	
SELENIUM	0.14	U	U	
SILVER	0.63	I	U	A
SODIUM	2.88	U	U	
THALLIUM	0.01	I	U	A
VANADIUM	4.4			
ZINC	137			

nsample	PEN46SB3102
samp_date	12/2/2005
lab_id	WV6482-009
qc_type	NM
units	MG/KG
Pct_Solids	95.5
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	983			
ANTIMONY	0.08	I	U	A
ARSENIC	2.4			
BARIUM	13.3			
BERYLLIUM	0.12	I	U	A
CADMIUM	2.4			
CALCIUM	2720			
CHROMIUM	23.3			
COBALT	0.45	I		
COPPER	75.8			
IRON	2030		J	G
LEAD	135			
MAGNESIUM	574			
MANGANESE	14.0		J	G
MERCURY	0.19			
NICKEL	2.6			
POTASSIUM	66.5	I	U	A
SELENIUM	0.11	I	U	A
SILVER	0.47	I	U	A
SODIUM	122			
THALLIUM	0.01	I	U	A
VANADIUM	2.6			
ZINC	140			

nsample	PEN46SB3103
samp_date	12/2/2005
lab_id	WV6482-010
qc_type	NM
units	MG/KG
Pct_Solids	95.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	209			
ANTIMONY	0.44	I		
ARSENIC	1.3			
BARIUM	9.0			
BERYLLIUM	0.07	I	U	A
CADMIUM	0.85			
CALCIUM	696			
CHROMIUM	6.8			
COBALT	0.29	I		
COPPER	111			
IRON	1510		J	G
LEAD	62.4			
MAGNESIUM	80.4			
MANGANESE	4.7		J	G
MERCURY	0.14			
NICKEL	2.1	I		
POTASSIUM	31.61	U	U	
SELENIUM	0.12	U	U	
SILVER	0.45	I	U	A
SODIUM	2.54	U	U	
THALLIUM	0.01	U	U	
VANADIUM	1.5	I		
ZINC	35.8			

PROJ_NO: 00007

SDG: CTO367-2 MEDIA: WATER DATA FRACTION: M

nsample	PEN46RB1202
samp_date	12/2/2005
lab_id	WV6482-014
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	2.73	U	U	
ANTIMONY	0.33	I		
ARSENIC	1.3	I		
BARIUM	1.17	U	U	
BERYLLIUM	0.29	U	U	
CADMIUM	4.36	U	U	
CALCIUM	21.4	U	U	
CHROMIUM	2.0	I		
COBALT	3.05	U	U	
COPPER	2.86	U	U	
IRON	4.0	I		
LEAD	0.24	I		
MAGNESIUM	26.0	U	U	
MANGANESE	0.70	U	U	
MERCURY	0.02	U	U	
NICKEL	11.7	U	U	
POTASSIUM	420	U	U	
SELENIUM	1.6	U	U	
SILVER	4.4	U	U	
SODIUM	108	I		
THALLIUM	0.15	U	U	
VANADIUM	4.88	U	U	
ZINC	1.74	U	U	

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2501

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.0 **Lab Sample ID:** WV6482-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	8840			P	1	19	0.17
7440-36-0	ANTIMONY, TOTAL	1.7			MS	5	0.50	0.01
7440-38-2	ARSENIC, TOTAL	10.6			MS	5	0.50	0.08
7440-39-3	BARIUM, TOTAL	343			P	1	0.31	0.07
7440-41-7	BERYLLIUM, TOTAL	1.1			P	1	0.31	0.02
7440-43-9	CADMIUM, TOTAL	1.7			P	1	0.62	0.27
7440-70-2	CALCIUM, TOTAL	17200			P	1	3.1	1.34
7440-47-3	CHROMIUM, TOTAL	20.8			MS	5	0.94	0.01
7440-48-4	COBALT, TOTAL	2.9			P	1	1.9	0.19
7440-50-8	COPPER, TOTAL	53.5			P	1	1.6	0.18
7439-89-6	IRON, TOTAL	7230			P	1	6.2	0.24
7439-92-1	LEAD, TOTAL	864			MS	25	1.6	0.02
7439-95-4	MAGNESIUM, TOTAL	2800			P	1	3.1	1.63
7439-96-5	MANGANESE, TOTAL	323			P	1	0.31	0.04
7439-97-6	MERCURY, TOTAL	1.6			CV	1	0.032	0.01
7440-02-0	NICKEL, TOTAL	9.4			P	1	2.5	0.73
7440-09-7	POTASSIUM, TOTAL	707			P	1	120	26.25
7782-49-2	SELENIUM, TOTAL	0.52	I		MS	5	0.62	0.10
7440-22-4	SILVER, TOTAL	0.44	I		P	1	0.94	0.28
7440-23-5	SODIUM, TOTAL	142			P	1	62	2.11
7440-28-0	THALLIUM, TOTAL	0.16	I		MS	5	0.94	0.01
7440-62-2	VANADIUM, TOTAL	13.8			P	1	1.6	0.31
7440-66-6	ZINC, TOTAL	679			MS	25	7.8	0.09

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2502

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 92.9 **Lab Sample ID:** WV6482-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	8020			P	1	27	0.25
7440-36-0	ANTIMONY, TOTAL	0.38	I		MS	5	0.73	0.01
7440-38-2	ARSENIC, TOTAL	9.5			MS	5	0.73	0.12
7440-39-3	BARIUM, TOTAL	129			P	1	0.46	0.11
7440-41-7	BERYLLIUM, TOTAL	1.2			P	1	0.46	0.03
7440-43-9	CADMIUM, TOTAL	2.9			P	1	0.91	0.40
7440-70-2	CALCIUM, TOTAL	8760			P	1	4.6	1.95
7440-47-3	CHROMIUM, TOTAL	10			MS	5	1.4	0.02
7440-48-4	COBALT, TOTAL	1.9	I		P	1	2.7	0.28
7440-50-8	COPPER, TOTAL	57.9			P	1	2.3	0.26
7439-89-6	IRON, TOTAL	4090			P	1	9.1	0.35
7439-92-1	LEAD, TOTAL	465			MS	25	2.3	0.02
7439-95-4	MAGNESIUM, TOTAL	1810			P	1	4.6	2.37
7439-96-5	MANGANESE, TOTAL	241			P	1	0.46	0.06
7439-97-6	MERCURY, TOTAL	1.1			CV	1	0.033	0.01
7440-02-0	NICKEL, TOTAL	5.0			P	1	3.6	1.07
7440-09-7	POTASSIUM, TOTAL	390			P	1	180	38.30
7782-49-2	SELENIUM, TOTAL	0.42	I		MS	5	0.91	0.15
7440-22-4	SILVER, TOTAL	0.54	I		P	1	1.4	0.40
7440-23-5	SODIUM, TOTAL	53.3	I		P	1	91	3.08
7440-28-0	THALLIUM, TOTAL	0.1	I		MS	5	1.4	0.01
7440-62-2	VANADIUM, TOTAL	9.2			P	1	2.3	0.45
7440-66-6	ZINC, TOTAL	628			P	1	2.3	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2503

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.2 **Lab Sample ID:** WV6482-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2810			P	1	24	0.22
7440-36-0	ANTIMONY, TOTAL	0.24	I		MS	5	0.64	0.01
7440-38-2	ARSENIC, TOTAL	6.3			MS	5	0.64	0.10
7440-39-3	BARIUM, TOTAL	57.5			P	1	0.40	0.09
7440-41-7	BERYLLIUM, TOTAL	0.29	I		P	1	0.40	0.02
7440-43-9	CADMIUM, TOTAL	0.67	I		P	1	0.80	0.35
7440-70-2	CALCIUM, TOTAL	945			P	1	4.0	1.71
7440-47-3	CHROMIUM, TOTAL	5.9			MS	5	1.2	0.02
7440-48-4	COBALT, TOTAL	1.1	I		P	1	2.4	0.24
7440-50-8	COPPER, TOTAL	68.5			P	1	2.0	0.23
7439-89-6	IRON, TOTAL	4500			P	1	8.0	0.30
7439-92-1	LEAD, TOTAL	312			MS	5	0.40	0.01
7439-95-4	MAGNESIUM, TOTAL	346			P	1	4.0	2.08
7439-96-5	MANGANESE, TOTAL	40.7			P	1	0.40	0.06
7439-97-6	MERCURY, TOTAL	1.9			CV	2	0.054	0.01
7440-02-0	NICKEL, TOTAL	3.3			P	1	3.2	0.94
7440-09-7	POTASSIUM, TOTAL	119	I		P	1	160	33.63
7782-49-2	SELENIUM, TOTAL	0.14	I		MS	5	0.80	0.13
7440-22-4	SILVER, TOTAL	0.35	U		P	1	1.2	0.35
7440-23-5	SODIUM, TOTAL	2.71	U		P	1	80	2.71
7440-28-0	THALLIUM, TOTAL	0.03	I		MS	5	1.2	0.01
7440-62-2	VANADIUM, TOTAL	7.0			P	1	2.0	0.39
7440-66-6	ZINC, TOTAL	231			P	1	2.0	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2601

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.4 **Lab Sample ID:** WV6482-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	9360			MS	20	100	5.22
7440-38-2	ARSENIC, TOTAL	2.8			MS	5	0.68	0.11
7439-89-6	IRON, TOTAL	7300			MS	5	8.5	1.58

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2701

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 90.7 **Lab Sample ID:** WV6482-017

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	8180			MS	20	100	5.17
7440-38-2	ARSENIC, TOTAL	2.6			MS	5	0.67	0.11
7439-89-6	IRON, TOTAL	6430			MS	5	8.4	1.57

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2901

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 95.6 **Lab Sample ID:** WV6482-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4590			P	1	22	0.20
7440-36-0	ANTIMONY, TOTAL	0.06	I		MS	5	0.60	0.01
7440-38-2	ARSENIC, TOTAL	1.3			MS	5	0.60	0.10
7440-39-3	BARIUM, TOTAL	35.5			P	1	0.37	0.09
7440-41-7	BERYLLIUM, TOTAL	0.11	I		P	1	0.37	0.02
7440-43-9	CADMIUM, TOTAL	0.33	U		P	1	0.75	0.33
7440-70-2	CALCIUM, TOTAL	9390			P	1	3.7	1.60
7440-47-3	CHROMIUM, TOTAL	5.7			MS	5	1.1	0.01
7440-48-4	COBALT, TOTAL	0.65	I		P	1	2.2	0.23
7440-50-8	COPPER, TOTAL	8.3			P	1	1.9	0.21
7439-89-6	IRON, TOTAL	2820			P	1	7.5	0.28
7439-92-1	LEAD, TOTAL	73.9			MS	5	0.37	0.01
7439-95-4	MAGNESIUM, TOTAL	224			P	1	3.7	1.94
7439-96-5	MANGANESE, TOTAL	25.3			P	1	0.37	0.05
7439-97-6	MERCURY, TOTAL	0.04			CV	1	0.028	0.01
7440-02-0	NICKEL, TOTAL	3.1			P	1	3.0	0.87
7440-09-7	POTASSIUM, TOTAL	71.1	I		P	1	150	31.40
7782-49-2	SELENIUM, TOTAL	0.12	I		MS	5	0.75	0.12
7440-22-4	SILVER, TOTAL	0.52	I		P	1	1.1	0.33
7440-23-5	SODIUM, TOTAL	2.53	U		P	1	75	2.53
7440-28-0	THALLIUM, TOTAL	0.02	I		MS	5	1.1	0.01
7440-62-2	VANADIUM, TOTAL	7.2			P	1	1.9	0.36
7440-66-6	ZINC, TOTAL	37.3			P	1	1.9	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2902

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.7 **Lab Sample ID:** WV6482-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	978			P	1	18	0.17
7440-36-0	ANTIMONY, TOTAL	0.06	I		MS	5	0.48	0.01
7440-38-2	ARSENIC, TOTAL	1.4			MS	5	0.48	0.08
7440-39-3	BARIUM, TOTAL	56.2			P	1	0.30	0.07
7440-41-7	BERYLLIUM, TOTAL	0.09	I		P	1	0.30	0.02
7440-43-9	CADMIUM, TOTAL	0.26	U		P	1	0.61	0.26
7440-70-2	CALCIUM, TOTAL	1880			P	1	3.0	1.30
7440-47-3	CHROMIUM, TOTAL	2.7			MS	5	0.91	0.01
7440-48-4	COBALT, TOTAL	0.52	I		P	1	1.8	0.18
7440-50-8	COPPER, TOTAL	19.9			P	1	1.5	0.17
7439-89-6	IRON, TOTAL	1410			P	1	6.1	0.23
7439-92-1	LEAD, TOTAL	67.1			MS	5	0.30	0.01
7439-95-4	MAGNESIUM, TOTAL	60.0			P	1	3.0	1.58
7439-96-5	MANGANESE, TOTAL	11.6			P	1	0.30	0.04
7439-97-6	MERCURY, TOTAL	0.05			CV	1	0.027	0.01
7440-02-0	NICKEL, TOTAL	2.2	I		P	1	2.4	0.71
7440-09-7	POTASSIUM, TOTAL	51.3	I		P	1	120	25.46
7782-49-2	SELENIUM, TOTAL	0.26	I		MS	5	0.61	0.10
7440-22-4	SILVER, TOTAL	0.38	I		P	1	0.91	0.27
7440-23-5	SODIUM, TOTAL	17.9	I		P	1	61	2.05
7440-28-0	THALLIUM, TOTAL	0.03	I		MS	5	0.91	0.01
7440-62-2	VANADIUM, TOTAL	2.2			P	1	1.5	0.30
7440-66-6	ZINC, TOTAL	12.0			P	1	1.5	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2903

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 94.8 **Lab Sample ID:** WV6482-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	67.2			P	1	16	0.15
7440-36-0	ANTIMONY, TOTAL	0.01	I		MS	5	0.43	0.01
7440-38-2	ARSENIC, TOTAL	0.1	I		MS	5	0.43	0.07
7440-39-3	BARIUM, TOTAL	1.5			P	1	0.27	0.06
7440-41-7	BERYLLIUM, TOTAL	0.03	I		P	1	0.27	0.02
7440-43-9	CADMIUM, TOTAL	0.24	U		P	1	0.54	0.24
7440-70-2	CALCIUM, TOTAL	155			P	1	2.7	1.16
7440-47-3	CHROMIUM, TOTAL	0.60	I		MS	5	0.82	0.01
7440-48-4	COBALT, TOTAL	0.17	U		P	1	1.6	0.17
7440-50-8	COPPER, TOTAL	1.7			P	1	1.4	0.16
7439-89-6	IRON, TOTAL	275			P	1	5.4	0.21
7439-92-1	LEAD, TOTAL	7.6			MS	5	0.27	0.01
7439-95-4	MAGNESIUM, TOTAL	9.4			P	1	2.7	1.41
7439-96-5	MANGANESE, TOTAL	1.9			P	1	0.27	0.04
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.031	0.01
7440-02-0	NICKEL, TOTAL	0.64	U		P	1	2.2	0.64
7440-09-7	POTASSIUM, TOTAL	22.84	U		P	1	110	22.84
7782-49-2	SELENIUM, TOTAL	0.09	U		MS	5	0.54	0.09
7440-22-4	SILVER, TOTAL	0.24	U		P	1	0.82	0.24
7440-23-5	SODIUM, TOTAL	1.84	U		P	1	54	1.84
7440-28-0	THALLIUM, TOTAL	0.01	U		MS	5	0.82	0.01
7440-62-2	VANADIUM, TOTAL	0.27	U		P	1	1.4	0.27
7440-66-6	ZINC, TOTAL	3.0			P	1	1.4	0.09

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3001

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 91.6 **Lab Sample ID:** WV6482-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	129			P	1	28	0.25
7440-36-0	ANTIMONY, TOTAL	0.06	I		MS	5	0.75	0.01
7440-38-2	ARSENIC, TOTAL	0.16	I		MS	5	0.75	0.12
7440-39-3	BARIUM, TOTAL	1.2			P	1	0.47	0.11
7440-41-7	BERYLLIUM, TOTAL	0.06	I		P	1	0.47	0.03
7440-43-9	CADMIUM, TOTAL	0.41	U		P	1	0.93	0.41
7440-70-2	CALCIUM, TOTAL	168			P	1	4.7	2.00
7440-47-3	CHROMIUM, TOTAL	4.2			MS	5	1.4	0.02
7440-48-4	COBALT, TOTAL	0.28	U		P	1	2.8	0.28
7440-50-8	COPPER, TOTAL	6.3			P	1	2.3	0.27
7439-89-6	IRON, TOTAL	377			P	1	9.3	0.35
7439-92-1	LEAD, TOTAL	17.2			MS	5	0.47	0.01
7439-95-4	MAGNESIUM, TOTAL	43.3			P	1	4.7	2.43
7439-96-5	MANGANESE, TOTAL	2.9			P	1	0.47	0.07
7439-97-6	MERCURY, TOTAL	0.09			CV	1	0.031	0.01
7440-02-0	NICKEL, TOTAL	1.09	U		P	1	3.7	1.09
7440-09-7	POTASSIUM, TOTAL	39.19	U		P	1	190	39.19
7782-49-2	SELENIUM, TOTAL	0.15	U		MS	5	0.93	0.15
7440-22-4	SILVER, TOTAL	0.41	U		P	1	1.4	0.41
7440-23-5	SODIUM, TOTAL	3.15	U		P	1	93	3.15
7440-28-0	THALLIUM, TOTAL	0.03	I		MS	5	1.4	0.01
7440-62-2	VANADIUM, TOTAL	0.46	U		P	1	2.3	0.46
7440-66-6	ZINC, TOTAL	12.9			P	1	2.3	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3001D

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 90.2 **Lab Sample ID:** WV6482-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	146			P	1	18	0.16
7440-36-0	ANTIMONY, TOTAL	0.05	I		MS	5	0.47	0.01
7440-38-2	ARSENIC, TOTAL	0.48			MS	5	0.47	0.08
7440-39-3	BARIUM, TOTAL	2.3			P	1	0.29	0.07
7440-41-7	BERYLLIUM, TOTAL	0.04	I		P	1	0.29	0.02
7440-43-9	CADMIUM, TOTAL	0.25	U		P	1	0.58	0.25
7440-70-2	CALCIUM, TOTAL	155			P	1	2.9	1.25
7440-47-3	CHROMIUM, TOTAL	4.2			MS	5	0.88	0.01
7440-48-4	COBALT, TOTAL	0.18	U		P	1	1.8	0.18
7440-50-8	COPPER, TOTAL	8.2			P	1	1.4	0.17
7439-89-6	IRON, TOTAL	1090			P	1	5.8	0.22
7439-92-1	LEAD, TOTAL	23.9			MS	5	0.29	0.01
7439-95-4	MAGNESIUM, TOTAL	42.3			P	1	2.9	1.52
7439-96-5	MANGANESE, TOTAL	6.1			P	1	0.29	0.04
7439-97-6	MERCURY, TOTAL	0.03	I		CV	1	0.031	0.01
7440-02-0	NICKEL, TOTAL	1.1	I		P	1	2.3	0.68
7440-09-7	POTASSIUM, TOTAL	24.51	U		P	1	120	24.51
7782-49-2	SELENIUM, TOTAL	0.09	U		MS	5	0.58	0.09
7440-22-4	SILVER, TOTAL	0.37	I		P	1	0.88	0.26
7440-23-5	SODIUM, TOTAL	1.97	U		P	1	58	1.97
7440-28-0	THALLIUM, TOTAL	0.01	I		MS	5	0.88	0.01
7440-62-2	VANADIUM, TOTAL	0.46	I		P	1	1.4	0.28
7440-66-6	ZINC, TOTAL	18.0			P	1	1.4	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3002

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 89.8 **Lab Sample ID:** WV6482-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	195			P	1	21	0.19
7440-36-0	ANTIMONY, TOTAL	0.06	I		MS	5	0.55	0.01
7440-38-2	ARSENIC, TOTAL	0.30	I		MS	5	0.55	0.09
7440-39-3	BARIUM, TOTAL	2.3			P	1	0.34	0.08
7440-41-7	BERYLLIUM, TOTAL	0.05	I		P	1	0.34	0.02
7440-43-9	CADMIUM, TOTAL	0.30	U		P	1	0.69	0.30
7440-70-2	CALCIUM, TOTAL	604			P	1	3.4	1.47
7440-47-3	CHROMIUM, TOTAL	3.3			MS	5	1.0	0.01
7440-48-4	COBALT, TOTAL	0.21	U		P	1	2.1	0.21
7440-50-8	COPPER, TOTAL	5.9			P	1	1.7	0.20
7439-89-6	IRON, TOTAL	538			P	1	6.9	0.26
7439-92-1	LEAD, TOTAL	17.7			MS	5	0.34	0.01
7439-95-4	MAGNESIUM, TOTAL	73.6			P	1	3.4	1.79
7439-96-5	MANGANESE, TOTAL	6.5			P	1	0.34	0.05
7439-97-6	MERCURY, TOTAL	0.04			CV	1	0.032	0.01
7440-02-0	NICKEL, TOTAL	0.90	I		P	1	2.7	0.80
7440-09-7	POTASSIUM, TOTAL	28.87	U		P	1	140	28.87
7782-49-2	SELENIUM, TOTAL	0.11	U		MS	5	0.69	0.11
7440-22-4	SILVER, TOTAL	0.60	I		P	1	1.0	0.30
7440-23-5	SODIUM, TOTAL	2.32	U		P	1	69	2.32
7440-28-0	THALLIUM, TOTAL	0.01	U		MS	5	1.0	0.01
7440-62-2	VANADIUM, TOTAL	0.65	I		P	1	1.7	0.34
7440-66-6	ZINC, TOTAL	12.7			P	1	1.7	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3003

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.0 **Lab Sample ID:** WV6482-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	127			P	1	21	0.19
7440-36-0	ANTIMONY, TOTAL	0.04	I		MS	5	0.57	0.01
7440-38-2	ARSENIC, TOTAL	0.40	I		MS	5	0.57	0.09
7440-39-3	BARIUM, TOTAL	1.8			P	1	0.35	0.08
7440-41-7	BERYLLIUM, TOTAL	0.05	I		P	1	0.35	0.02
7440-43-9	CADMIUM, TOTAL	0.31	U		P	1	0.71	0.31
7440-70-2	CALCIUM, TOTAL	180			P	1	3.5	1.51
7440-47-3	CHROMIUM, TOTAL	5.8			MS	5	1.1	0.01
7440-48-4	COBALT, TOTAL	0.22	U		P	1	2.1	0.22
7440-50-8	COPPER, TOTAL	38.5			P	1	1.8	0.20
7439-89-6	IRON, TOTAL	475			P	1	7.1	0.27
7439-92-1	LEAD, TOTAL	38.3			MS	5	0.35	0.01
7439-95-4	MAGNESIUM, TOTAL	62.4			P	1	3.5	1.84
7439-96-5	MANGANESE, TOTAL	1.6			P	1	0.35	0.05
7439-97-6	MERCURY, TOTAL	0.29			CV	1	0.030	0.01
7440-02-0	NICKEL, TOTAL	0.83	U		P	1	2.8	0.83
7440-09-7	POTASSIUM, TOTAL	38.0	I		P	1	140	29.72
7782-49-2	SELENIUM, TOTAL	0.11	U		MS	5	0.71	0.11
7440-22-4	SILVER, TOTAL	0.42	I		P	1	1.1	0.31
7440-23-5	SODIUM, TOTAL	2.39	U		P	1	71	2.39
7440-28-0	THALLIUM, TOTAL	0.01	U		MS	5	1.1	0.01
7440-62-2	VANADIUM, TOTAL	0.78	I		P	1	1.8	0.35
7440-66-6	ZINC, TOTAL	8.2			P	1	1.8	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3101

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.8 **Lab Sample ID:** WV6482-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1560			P	1	26	0.23
7440-36-0	ANTIMONY, TOTAL	0.11	I		MS	5	0.68	0.01
7440-38-2	ARSENIC, TOTAL	2.1			MS	5	0.68	0.11
7440-39-3	BARIUM, TOTAL	17.9			P	1	0.43	0.10
7440-41-7	BERYLLIUM, TOTAL	0.18	I		P	1	0.43	0.02
7440-43-9	CADMIUM, TOTAL	1.2			P	1	0.85	0.37
7440-70-2	CALCIUM, TOTAL	15300			P	1	4.3	1.83
7440-47-3	CHROMIUM, TOTAL	28.2			MS	5	1.3	0.02
7440-48-4	COBALT, TOTAL	0.70	I		P	1	2.6	0.26
7440-50-8	COPPER, TOTAL	13.5			P	1	2.1	0.24
7439-89-6	IRON, TOTAL	2830			P	1	8.5	0.32
7439-92-1	LEAD, TOTAL	88.3			MS	5	0.43	0.01
7439-95-4	MAGNESIUM, TOTAL	637			P	1	4.3	2.22
7439-96-5	MANGANESE, TOTAL	26.9			P	1	0.43	0.06
7439-97-6	MERCURY, TOTAL	0.07			CV	1	0.029	0.01
7440-02-0	NICKEL, TOTAL	5.8			P	1	3.4	1.00
7440-09-7	POTASSIUM, TOTAL	35.83	U		P	1	170	35.83
7782-49-2	SELENIUM, TOTAL	0.14	U		MS	5	0.85	0.14
7440-22-4	SILVER, TOTAL	0.63	I		P	1	1.3	0.38
7440-23-5	SODIUM, TOTAL	2.88	U		P	1	85	2.88
7440-28-0	THALLIUM, TOTAL	0.01	I		MS	5	1.3	0.01
7440-62-2	VANADIUM, TOTAL	4.4			P	1	2.1	0.42
7440-66-6	ZINC, TOTAL	137			P	1	2.1	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3102

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 95.5 **Lab Sample ID:** WV6482-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	983			P	1	18	0.16
7440-36-0	ANTIMONY, TOTAL	0.08	I		MS	5	0.48	0.01
7440-38-2	ARSENIC, TOTAL	2.4			MS	5	0.48	0.08
7440-39-3	BARIUM, TOTAL	13.3			P	1	0.30	0.07
7440-41-7	BERYLLIUM, TOTAL	0.12	I		P	1	0.30	0.02
7440-43-9	CADMIUM, TOTAL	2.4			P	1	0.60	0.26
7440-70-2	CALCIUM, TOTAL	2720			P	1	3.0	1.28
7440-47-3	CHROMIUM, TOTAL	23.3			MS	5	0.90	0.01
7440-48-4	COBALT, TOTAL	0.45	I		P	1	1.8	0.18
7440-50-8	COPPER, TOTAL	75.8			P	1	1.5	0.17
7439-89-6	IRON, TOTAL	2030			P	1	6.0	0.23
7439-92-1	LEAD, TOTAL	135			MS	5	0.30	0.01
7439-95-4	MAGNESIUM, TOTAL	574			P	1	3.0	1.55
7439-96-5	MANGANESE, TOTAL	14.0			P	1	0.30	0.04
7439-97-6	MERCURY, TOTAL	0.19			CV	1	0.029	0.01
7440-02-0	NICKEL, TOTAL	2.6			P	1	2.4	0.70
7440-09-7	POTASSIUM, TOTAL	66.5	I		P	1	120	25.12
7782-49-2	SELENIUM, TOTAL	0.11	I		MS	5	0.60	0.10
7440-22-4	SILVER, TOTAL	0.47	I		P	1	0.90	0.26
7440-23-5	SODIUM, TOTAL	122			P	1	60	2.02
7440-28-0	THALLIUM, TOTAL	0.01	I		MS	5	0.90	0.01
7440-62-2	VANADIUM, TOTAL	2.6			P	1	1.5	0.29
7440-66-6	ZINC, TOTAL	140			P	1	1.5	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3103

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 95.6 **Lab Sample ID:** WV6482-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	209			P	1	22	0.21
7440-36-0	ANTIMONY, TOTAL	0.44	I		MS	5	0.60	0.01
7440-38-2	ARSENIC, TOTAL	1.3			MS	5	0.60	0.10
7440-39-3	BARIUM, TOTAL	9.0			P	1	0.38	0.09
7440-41-7	BERYLLIUM, TOTAL	0.07	I		P	1	0.38	0.02
7440-43-9	CADMIUM, TOTAL	0.85			P	1	0.75	0.33
7440-70-2	CALCIUM, TOTAL	696			P	1	3.8	1.61
7440-47-3	CHROMIUM, TOTAL	6.8			MS	5	1.1	0.02
7440-48-4	COBALT, TOTAL	0.29	I		P	1	2.2	0.23
7440-50-8	COPPER, TOTAL	111			P	1	1.9	0.22
7439-89-6	IRON, TOTAL	1510			P	1	7.5	0.29
7439-92-1	LEAD, TOTAL	62.4			MS	5	0.38	0.01
7439-95-4	MAGNESIUM, TOTAL	80.4			P	1	3.8	1.96
7439-96-5	MANGANESE, TOTAL	4.7			P	1	0.38	0.05
7439-97-6	MERCURY, TOTAL	0.14			CV	1	0.029	0.01
7440-02-0	NICKEL, TOTAL	2.1	I		P	1	3.0	0.88
7440-09-7	POTASSIUM, TOTAL	31.61	U		P	1	150	31.61
7782-49-2	SELENIUM, TOTAL	0.12	U		MS	5	0.75	0.12
7440-22-4	SILVER, TOTAL	0.45	I		P	1	1.1	0.33
7440-23-5	SODIUM, TOTAL	2.54	U		P	1	75	2.54
7440-28-0	THALLIUM, TOTAL	0.01	U		MS	5	1.1	0.01
7440-62-2	VANADIUM, TOTAL	1.5	I		P	1	1.9	0.37
7440-66-6	ZINC, TOTAL	35.8			P	1	1.9	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2501

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-029

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4530			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	3.7	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	10.8			MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	314			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	24000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	31.4			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	27.6			P	1	25	2.86
7439-89-6	IRON, TOTAL	2740			P	1	100	3.79
7439-92-1	LEAD, TOTAL	356			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	1840			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	34.1			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.48			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	574	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	6.8	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	1560			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	5.0	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	397			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2502

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-030

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	10300			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	3.0	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	20.3			MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	326			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	16300			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	26.7			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	44.5			P	1	25	2.86
7439-89-6	IRON, TOTAL	4460			P	1	100	3.79
7439-92-1	LEAD, TOTAL	412			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	3300			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	53.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.92			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	12.9	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1630	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	5.2	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	2150			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	15.4	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	559			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2503

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-031

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	8120			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	1.4	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	11.1			MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	212			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	6910			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	14.7	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	21.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	3260			P	1	100	3.79
7439-92-1	LEAD, TOTAL	148			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	4010			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	32.0			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.38			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	919	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	2.0	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	6.6	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	1700			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	10.3	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	268			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2901

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	4610			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.48	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.5	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	163			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.45	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	158000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	21.7			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	3.6	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	95.5	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	9.7			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	42.9	I		P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	1.8	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	2700			P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	2.1	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	5.1	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	2000			P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	31.8			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2902

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1730			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.52	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	4.4	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	164			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.41	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	39200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	9.3	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	11.9	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	285			P	1	100	3.79
7439-92-1	LEAD, TOTAL	41.2			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	119			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	5.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	511	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.6	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	5.8	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	490	I		P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	5.8	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	114			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB2903

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1410			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.44	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.0	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	33.4			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.38	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	19400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.0	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	4.2	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	458			P	1	100	3.79
7439-92-1	LEAD, TOTAL	33.7			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	219			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	4.4	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	711	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.8	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	6.0	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	79.1	I		P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	36.7			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3001

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-022

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	667			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.61	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.30	U		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	110			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.38	I		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	8220			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	16.3			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	24.8	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	831			P	1	100	3.79
7439-92-1	LEAD, TOTAL	57.4			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	1220			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	43.7			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	924	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	204	I		P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	5.8	I		P	1	25	4.88
7440-66-6	ZINC, TOTAL	402			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3001D

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-023

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	898			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.83	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.30	U		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	256			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	8270			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	12.5	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	14.1	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	798			P	1	100	3.79
7439-92-1	LEAD, TOTAL	48.6			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	1370			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	41.3			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	608	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	1630			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.18	I		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	235			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3002

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-024

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	524			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.65	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.4	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	210			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	5910			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	11.9	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	22.9	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	510			P	1	100	3.79
7439-92-1	LEAD, TOTAL	48.6			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	1180			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	36.8			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	7.1	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	1140			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	251			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3003

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-025

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	812			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.51	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	2.9	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	350			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	11200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	10.2	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	740			P	1	25	2.86
7439-89-6	IRON, TOTAL	110			P	1	100	3.79
7439-92-1	LEAD, TOTAL	259			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	2950			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	34.5			P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	18.0	I		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	1120	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	5.6	I		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	3440			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	586			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3101

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-026

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1580			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.96	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	3.0	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	143			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	132000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	65.6			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	10.7	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	9.1	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	2.7	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	26.8	I		P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	990	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.9	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	1440			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	22.8	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3102

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-027

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	475			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.67	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	7.6	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	102			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	32600			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	28.7			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	5.5	I		P	1	25	2.86
7439-89-6	IRON, TOTAL	16.0	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	4.0	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	311			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	926	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.7	I		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	2390			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	15.2	I		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46SB3103

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-028

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	337			P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.57	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	5.7	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	76.3			P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	20100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	17.9			MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	214			P	1	25	2.86
7439-89-6	IRON, TOTAL	1440			P	1	100	3.79
7439-92-1	LEAD, TOTAL	125			MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	1300			P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	4.3	I		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.26			CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	757	I		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	2260			MS	5	1000	9.75
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	73.8			P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN46RB1202

Matrix: WATER **SDG Name:** CTO367-2

Percent Solids: 0.00 **Lab Sample ID:** WV6482-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	2.73	U		P	1	300	2.73
7440-36-0	ANTIMONY, TOTAL	0.33	I		MS	5	8.0	0.05
7440-38-2	ARSENIC, TOTAL	1.3	I		MS	5	8.0	1.30
7440-39-3	BARIUM, TOTAL	1.17	U		P	1	5.0	1.17
7440-41-7	BERYLLIUM, TOTAL	0.29	U		P	1	5.0	0.29
7440-43-9	CADMIUM, TOTAL	4.36	U		P	1	10	4.36
7440-70-2	CALCIUM, TOTAL	21.40	U		P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	2.0	I		MS	5	15	0.20
7440-48-4	COBALT, TOTAL	3.05	U		P	1	30	3.05
7440-50-8	COPPER, TOTAL	2.86	U		P	1	25	2.86
7439-89-6	IRON, TOTAL	4.0	I		P	1	100	3.79
7439-92-1	LEAD, TOTAL	0.24	I		MS	5	5.0	0.05
7439-95-4	MAGNESIUM, TOTAL	26.00	U		P	1	50	26.00
7439-96-5	MANGANESE, TOTAL	0.70	U		P	1	5.0	0.70
7439-97-6	MERCURY, TOTAL	0.02	U		CV	1	0.20	0.02
7440-02-0	NICKEL, TOTAL	11.70	U		P	1	40	11.70
7440-09-7	POTASSIUM, TOTAL	420.00	U		P	1	2000	420.00
7782-49-2	SELENIUM, TOTAL	1.60	U		MS	5	10	1.60
7440-22-4	SILVER, TOTAL	4.40	U		P	1	15	4.40
7440-23-5	SODIUM, TOTAL	108	I		P	1	1000	33.80
7440-28-0	THALLIUM, TOTAL	0.15	U		MS	5	15	0.15
7440-62-2	VANADIUM, TOTAL	4.88	U		P	1	25	4.88
7440-66-6	ZINC, TOTAL	1.74	U		P	1	25	1.74

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-MW02-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6770-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	59000			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-MW02A-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6770-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	504			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-PZ01-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6770-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	17800			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-PZ07B-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6789-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	1180			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-PZ10-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6789-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	2670			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-W01-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6789-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	8900			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN-OU1-W02-07

Matrix: WATER **SDG Name:** CTO333-4

Percent Solids: 0.00 **Lab Sample ID:** WV6789-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-89-6	IRON, TOTAL	4350			P	1	100	3.79

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

WV 6782

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2659 | PAGE 1 OF 2

PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin / Andrea Colby
SAMPLERS (SIGNATURE) W.D. Olson		FIELD OPERATIONS LEADER W.D. Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER Fedex 8532 2422 2178		CITY, STATE Westbrook ME

STANDARD TAT [X]
RUSH TAT [ ]
[ ] 24 hr. [ ] 48 hr. [ ] 72 hr. [ ] 7 day [ ] 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G G G G G
PRESERVATIVE USED: H2O | MeOH | 4° | 4° | 4° | 4°

DATE (YEAR 2005)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: TCL VOC Low	TCL VOC High	SPLP VOA	EDB	SPLP TAL metals	SVOC / PAHs / PCB / TRPH	PEST / TAL metals	COMMENTS
12/2	1020	PEW46 SB2901	SB29	0	6"	SO	G	8	3	1	1	1	1	1		
	1040	PEW46 SB2902	SB29	6"	2	SO	G	8	3	1	1	1	1	1		
	1055	PEW46 SB2903	SB29	2	4	SO	G	8	3	1	1	1	1	1		
	1125	PEW46 SB3001	SB30	0	6"	SO	G	8	3	1	1	1	1	1		
	1125	PEW46 SB3001D	SB30	0	6"	SO	G	8	3	1	1	1	1	1		
	1140	PEW46 SB3002	SB30	6"	2	SO	G	8	3	1	1	1	1	1		
	1200	PEW46 SB3003	SB30	2	4	SO	G	8	3	1	1	1	1	1		
	1225	PEW46 SB3101	SB31	0	6"	SO	G	8	3	1	1	1	1	1		
	1240	PEW46 SB3102	SB31	6"	2'	SO	G	8	3	1	1	1	1	1		
	1255	PEW46 SB3103	SB31	2	3	SO	G	8	3	1	1	1	1	1		
	1320	PEW45 SB2501	SB25	0	6"	SO	G	8	3	1	1	1	1	1		
	1335	PEW45 SB2502	SB25	6"	2'	SO	G	8	3	1	1	1	1	1		
	1350	PEW45 SB2503	SB25	2'	4'	SO	G	8	3	1	1	1	1	1		

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY W.D. Olson	12-2-05	1800	1. RECEIVED BY Fed Ex		
2. RELINQUISHED BY Fed Ex	12/03/05	10:15	2. RECEIVED BY George Strecker	12/03/05	10:15
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

9100000

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 2645 | PAGE 2 OF 2

PROJECT NO: N00007	FACILITY: PEW 46	PROJECT MANAGER G. Walker	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: KATAHDIN/ Andrea Colby
SAMPLERS (SIGNATURE) Matt D. Olson		FIELD OPERATIONS LEADER B; ll Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FedEx 8532 2422 2178		CITY, STATE Westbrook Me

STANDARD TAT [X]
RUSH TAT [ ]
[ ] 24 hr. [ ] 48 hr. [ ] 72 hr. [ ] 7 day [ ] 14 day

DATE (YEAR 2006)	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)								PRESERVATIVE USED								COMMENTS
		TYPE OF ANALYSIS							TCL VOC	EDB	TAL METALS	FL-PRO	SVOA/PAHs	PEST/PCB	AS/Fe/Al		HCl	HCl	HNO3	HCl	4°	4°			
12/2	0945	PEW 46RB 1202	—	—	—	QC	G	12	3	2	1	2	2	2	—	—									
12/2	0945	PEW 46TB 1202	—	—	—	QC	G	2	2	—	—	—	—	—	—	—									
12/2	1415	PEW 45SB2601	SB26	6"	2'	SO	G	1	—	—	—	—	—	—	1	—									
12/2	1425	PEW 45 SB2701	SB27	6"	2'	SO	G	1	—	—	—	—	—	—	1	—									

1. RELINQUISHED BY Matt D. Olson	DATE 12-2/05	TIME 1800	1. RECEIVED BY Fed Ex	DATE	TIME
2. RELINQUISHED BY Fed Ex	DATE 12/03/05	TIME 10:15	2. RECEIVED BY G. Brown	DATE 12/03/05	TIME 10:15
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

L00000

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 2667 PAGE ___ OF ___

PROJECT NO: N00007	FACILITY: PEW 45 R1	PROJECT MANAGER G. WALKER	PHONE NUMBER 850 385 9899	LABORATORY NAME AND CONTACT: Katahdin: Andrea Colby
SAMPLERS (SIGNATURE) [signature]		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850 210 3681	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER FEDEX 8566 3466 8566		CITY, STATE WEST Brook ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G, G, G, G, G, P, P

PRESERVATIVE USED: HCL, HCL, HCL, 4°, 4°, HNO3, HNO3

TYPE OF ANALYSIS

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	TCL SVOC	504.1 EDB	FL-PRO	8270 TCL SVOC/PAH	8081/8082 PEST/PCB	TAL METALS	Fe		COMMENTS
12/19	0855	45GW1001				GW	G	12	3	2	2	2	2	1			
12/19	1100	45GW1101				GW	G	12	3	2	2	2	2	1			
12/18	1730	PEN-OU1-PZ01-07				GW	G	1							1		
12/18	1615	PEN-OU1-MW02A-07				GW	G	1							1		
12/18	1640	PEN-OU1-MW02-07				GW	G	1							1		
12/19	1320	18GW0401				GW	G	12	3	2	2	2	2	1			
12/19	1255	45GW0801				GW	G	12	3	2	2	2	2	1			
12/19	1255	45GW080LD				GW	G	12	3	2	2	2	2	1			
12/19	1640	45GW0901				GW	G	12	3	2	2	2	2	1			

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY [signature]	DATE 12/20/05	TIME 1110
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

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G000025

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PROJECT NO: N0007	FACILITY: PEN 46/041	PROJECT MANAGER Gerry Walker	PHONE NUMBER 850-385-5899	LABORATORY NAME AND CONTACT: Katahdin Anal Colby
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER Bill Olson	PHONE NUMBER 850-210-3651	ADDRESS 340 County Rd #5
		CARRIER/WAYBILL NUMBER		CITY, STATE

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

DATE / YEAR	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	CONTAINER TYPE PLASTIC (P) or GLASS (G)	PRESERVATIVE USED	TYPE OF ANALYSIS: FE	COMMENTS
									P	HNO3		
12/20/2005	1552	PEN-041-PZ10-07				GW	G	1	1		1	
12/17	1600	PEN-041-W01-07				SW	G	1	1		1	
12/17	1525	PEN-041-W02-07				SW	G	1	1		1	
12/16	1814	PEN-041-PZ07B-07				GW	G	1	1		1	

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY	12/20/05	1700	1. RECEIVED BY	12/21/05	1050
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

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FORM NO. TtNUS-001

000026

HOLDTIME

SDG CTO367-2

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	PEN46SB3103	WV6482-010	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3002	WV6482-006	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3001D	WV6482-005	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3001	WV6482-004	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB2903	WV6482-003	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB2902	WV6482-002	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB2901	WV6482-001	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN45SB2503	WV6482-013	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN45SB2502	WV6482-012	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN45SB2501	WV6482-011	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3101	WV6482-008	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3003	WV6482-007	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	MG/KG	PEN46SB3102	WV6482-009	NM	12/2/2005	12/28/2005	12/29/2005	26	1	27
HG	UG/L	PEN46SB3002	WV6482-024	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN45SB2502	WV6482-030	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	PEN45SB2503	WV6482-031	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46RB1202	WV6482-014	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB2901	WV6482-019	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB2902	WV6482-020	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB2903	WV6482-021	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3001	WV6482-022	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3001D	WV6482-023	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3003	WV6482-025	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3102	WV6482-027	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3103	WV6482-028	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN45SB2501	WV6482-029	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
HG	UG/L	PEN46SB3101	WV6482-026	NM	12/2/2005	1/3/2006	1/3/2006	32	0	32
M	MG/KG	PEN46SB3002	WV6482-006	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN45SB2701	WV6482-017	NM	12/2/2005	12/27/2005	1/6/2006	25	10	35
M	MG/KG	PEN46SB2901	WV6482-001	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB2902	WV6482-002	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB2902	WV6482-002	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB2903	WV6482-003	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN46SB2903	WV6482-003	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3001	WV6482-004	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB3001	WV6482-004	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN45SB2601	WV6482-016	NM	12/2/2005	12/27/2005	1/6/2006	25	10	35
M	MG/KG	PEN46SB3001D	WV6482-005	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN45SB2701	WV6482-017	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3002	WV6482-006	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3003	WV6482-007	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB3003	WV6482-007	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3101	WV6482-008	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB3101	WV6482-008	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3102	WV6482-009	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB3102	WV6482-009	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3103	WV6482-010	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB3103	WV6482-010	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN46SB3001D	WV6482-005	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN45SB2503	WV6482-013	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN45SB2503	WV6482-013	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	PEN45SB2502	WV6482-012	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN45SB2502	WV6482-012	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN45SB2501	WV6482-011	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	MG/KG	PEN45SB2501	WV6482-011	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN46SB2901	WV6482-001	NM	12/2/2005	12/27/2005	12/30/2005	25	3	28
M	MG/KG	PEN45SB2601	WV6482-016	NM	12/2/2005	12/27/2005	1/5/2006	25	9	34
M	UG/L	PEN46SB2901	WV6482-019	NM	12/2/2005	12/28/2005	12/30/2005	26	2	28
M	UG/L	PEN46SB3001D	WV6482-023	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB3001D	WV6482-023	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN46SB3001	WV6482-022	NM	12/2/2005	12/28/2005	12/30/2005	26	2	28
M	UG/L	PEN46SB2903	WV6482-021	NM	12/2/2005	12/28/2005	12/30/2005	26	2	28
M	UG/L	PEN46SB3002	WV6482-024	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN46SB2901	WV6482-019	NM	12/2/2005	12/28/2005	1/5/2006	26	8	34
M	UG/L	PEN46SB3102	WV6482-027	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN46RB1202	WV6482-014	NM	12/2/2005	12/15/2005	12/30/2005	13	15	28
M	UG/L	PEN46SB2902	WV6482-020	NM	12/2/2005	12/28/2005	12/30/2005	26	2	28
M	UG/L	PEN46SB3002	WV6482-024	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB3003	WV6482-025	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	PEN46SB3003	WV6482-025	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB3101	WV6482-026	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB2903	WV6482-021	NM	12/2/2005	12/28/2005	1/5/2006	26	8	34
M	UG/L	PEN46SB3102	WV6482-027	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46RB1202	WV6482-014	NM	12/2/2005	12/15/2005	12/18/2005	13	3	16
M	UG/L	PEN46SB3103	WV6482-028	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN46SB3103	WV6482-028	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB2902	WV6482-020	NM	12/2/2005	12/28/2005	1/5/2006	26	8	34
M	UG/L	PEN46SB3101	WV6482-026	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN45SB2503	WV6482-031	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN45SB2502	WV6482-030	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN45SB2502	WV6482-030	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN45SB2501	WV6482-029	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN45SB2501	WV6482-029	NM	12/2/2005	12/29/2005	12/30/2005	27	1	28
M	UG/L	PEN45SB2503	WV6482-031	NM	12/2/2005	12/29/2005	1/5/2006	27	7	34
M	UG/L	PEN46SB3001	WV6482-022	NM	12/2/2005	12/28/2005	1/5/2006	26	8	34
TS	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3102	WV6482-9	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	PEN46SB3003	WV6482-7	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2902	WV6482-2	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2701	WV6482-17	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2601	WV6482-16	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2503	WV6482-13	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2502	WV6482-12	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB2901	WV6482-1	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN46SB3103	WV6482-10	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
TS	%	PEN45SB2501	WV6482-11	NM	12/2/2005	12/8/2005	12/9/2005	6	1	7
OS	%	PEN46SB2903	WV6482-3	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3002	WV6482-6	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3001D	WV6482-5	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3001	WV6482-4	NM	12/2/2005	12/13/2005	1/3/2006	11	21	32
OS	%	PEN46SB3101	WV6482-8	NM	12/2/2005	12/13/2005	1/8/2006	11	26	37

HOLDTIME

SDG CTO333-4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	PEN-OU1-W02-07	WV6789-003	NM	12/17/2005	1/4/2006	1/5/2006	18	1	19
M	UG/L	PEN-OU1-W01-07	WV6789-002	NM	12/17/2005	1/4/2006	1/5/2006	18	1	19
M	UG/L	PEN-OU1-PZ10-07	WV6789-001	NM	12/20/2005	1/4/2006	1/5/2006	15	1	16
M	UG/L	PEN-OU1-PZ07B-07	WV6789-004	NM	12/16/2005	1/4/2006	1/5/2006	19	1	20
M	UG/L	PEN-OU1-PZ01-07	WV6770-001	NM	12/18/2005	1/4/2006	1/5/2006	17	1	18
M	UG/L	PEN-OU1-MW02A-07	WV6770-002	NM	12/18/2005	1/4/2006	1/5/2006	17	1	18
M	UG/L	PEN-OU1-MW02-07	WV6770-003	NM	12/18/2005	1/4/2006	1/5/2006	17	1	18

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 367 NAS PENSACOLA
SDG: CTO367-2

Sample Receipt

The following samples were received on December 3, 2005 and were logged in under Katahdin Analytical Services work order number WV6482 for a hardcopy due date of December 30, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6482-1	PEN46SB2901
WV6482-2	PEN46SB2902
WV6482-3	PEN46SB2903
WV6482-4	PEN46SB3001
WV6482-5	PEN46SB3001D
WV6482-6	PEN46SB3002
WV6482-7	PEN46SB3003
WV6482-8	PEN46SB3101
WV6482-9	PEN46SB3102
WV6482-10	PEN46SB3103
WV6482-11	PEN45SB2501
WV6482-12	PEN45SB2502
WV6482-13	PEN45SB2503
WV6482-14	PEN46RB1202
WV6482-15	PEN46TB1202
WV6482-16	PEN45SB2601
WV6482-17	PEN45SB2701
WV6482-19	PEN46SB2901
WV6482-20	PEN46SB2902
WV6482-21	PEN46SB2903
WV6482-22	PEN46SB3001
WV6482-23	PEN46SB3001D
WV6482-24	PEN46SB3002
WV6482-25	PEN46SB3003
WV6482-26	PEN46SB3101
WV6482-27	PEN46SB3102
WV6482-28	PEN46SB3103
WV6482-29	PEN45SB2501
WV6482-30	PEN45SB2502
WV6482-31	PEN45SB2503

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

340 County Road, No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

Sample WV6482-11 had a high recovery for the extraction surrogate DCB on channel B, which was outside of the laboratory established acceptance limits. Since the recoveries for TCX on both channels and DCB on channel A were acceptable, the sample was not reextracted.

The closing calibration verification standards (CV's) (files 6VL3097 and 6VL4097) had low responses for DCB on both channels and Aroclor 1016, Aroclor 1260 and TCX on channel B, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's, the associated samples were not reanalyzed.

The closing calibration verification standards (CV's) (files 6VL3175 and 6VL4175) had low responses for DCB on both channels and Aroclor 1260 on channel A, which resulted in %D's that were outside of the method acceptance limits of 15%. Since the responses were acceptable in the opening CV's and the low responses could be attributable to sample(s) that were analyzed prior to the CV's, the associated samples were not reanalyzed.

The Form 7 for the CV's (files 6VL3097, 6VL3128, 6VL4128, 6VL3175 and 6VL4175) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. With the exception of DCB for files 6VL3097, 6VL13175 and 6VL4175, which were low, the %D's are actually within the method acceptance limits and should not be flagged, but due to software limitations the flagging could not be removed.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO367-2 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Synthetic Precipitation Leaching Procedure (SPLP) by USEPA Method 1312

Katahdin Sample Nos. WV6482-(19-31) are SPLP extracts of solid samples. The extraction dates, the extraction fluid used, and the associated SPLP fluid blank identification numbers for these samples are summarized in the following table.

Katahdin Sample Numbers	SPLP Extraction Start Date	Extraction Finish/Filter Date	SPLP Fluid Used	Associated SPLP Fluid Blank ID
WV6482-(19-22)	12/27/05	12/28/05	1	PBT693A
WV6482-(23, 24)	12/28/05	12/29/05	1	PBT693A
WV6482-(25-31)	12/28/05	12/29/05	1	PBT697A

Analyte concentrations that were measured in the SPLP Fluid Blanks are listed in the Extraction Fluid Blank reports that follow Form 3P in the accompanying data package.

0000009

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP) and Inductively-Coupled Plasma Mass Spectrometric Analysis (ICP-MS)

Aqueous-matrix Katahdin Sample No. WV6482-14 was digested for ICP and ICP-MS analysis on 12/15/05 (QC Batch VL15ICW1) in accordance with USEPA Method 3050B.

Soil-matrix Katahdin Sample Nos. WV6482-(1-13, 16, and 17) were digested for ICP and ICP-MS analysis on 12/27/05 (QC Batch VL27ICS0) in accordance with USEPA Method 3050B. Duplicate laboratory control samples were prepared in this digestion batch.

The SPLP extracts of Katahdin Sample Nos. WV6482-(19-31) were digested for ICP and ICP-MS analysis on 12/28/05 (QC Batch VL28ICW0) and 12/29/05 (QC Batch VL29ICW1) in accordance with USEPA Method 3010A.

ICP analyses of SDG CTO367-2 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer. ICP-MS analyses of SDG CTO367-2 sample digestates were performed using an Agilent 7500 ICP-MS spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Soil-matrix Katahdin Sample Nos. WV6482-(1-13) were digested for mercury analysis on 12/28/05 (QC Batch VL28HGS0) in accordance with USEPA Method 7471A. Katahdin Sample No. WV6482-13 was prepared with duplicate matrix-spiked aliquots in this batch.

The SPLP extracts of Katahdin Sample Nos. WV6482-(19-31) were digested for mercury analysis on 01/03/06 (QC Batch WA03HGW0) in accordance with USEPA Method 7470A.

Aqueous-matrix Katahdin Sample No. WV6482-14 was digested for mercury analysis on 01/03/06 (QC Batch WA03HGW1) in accordance with USEPA Method 7470A. .

Mercury analyses of Katahdin SDG CTO367-2 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The mercury recoveries in the matrix-spiked aliquots of Katahdin Sample Nos. WV6482-13 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

000010

Wet Chemistry Analysis

The samples of Katahdin SDG CTO367-2 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to "U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis", SOW 7/88.

All analyses were performed within analytical holding times, and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1-17-06

Leslie Dimond
Quality Assurance Officer

340 County Road, No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 333 NAS PENSACOLA
SDG: CTO333-4

Sample Receipt

The following samples were received on December 20 and 21, 2005 and were logged in under Katahdin Analytical Services work order numbers WV6770 and WV6789 for a hardcopy due date of January 16, 2006.

KATAHDIN Sample No.	TTNUS Sample Identification
WV6770-1	PEN-OU1-PZ01-07
WV6770-2	PEN-OU1-MW02A-07
WV6770-3	PEN-OU1-MW02-07
WV6789-1	PEN-OU1-PZ10-07
WV6789-2	PEN-OU1-W01-07
WV6789-3	PEN-OU1-W02-07
WV6789-4	PEN-OU1-PZ07B-07

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Metals Analysis

The samples of Katahdin SDG CTO333-4 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample Nos. WV6770-(1-3) and WV6789-(1-4) were digested for ICP analysis on 01/04/06 (QC Batch WA04ICW0) in accordance with USEPA Method 3010A.

0000002

ICP analyses of SDG CTO333-4 sample digestates were performed using a Thermo Jarrell Ash (TJA) ICAP 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
1.17.06

Leslie Dimond
Quality Assurance Officer

0000003

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-2 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN45SB2501	WV6482-011
PEN45SB2501	WV6482-029
PEN45SB2502	WV6482-012
PEN45SB2502	WV6482-030
PEN45SB2503	WV6482-013
PEN45SB2503	WV6482-013P
PEN45SB2503	WV6482-013S
PEN45SB2503	WV6482-031
PEN45SB2601	WV6482-016
PEN45SB2701	WV6482-017
PEN46RB1202	WV6482-014
PEN46SB2901	WV6482-001
PEN46SB2901	WV6482-019
PEN46SB2902	WV6482-002
PEN46SB2902	WV6482-020
PEN46SB2903	WV6482-003
PEN46SB2903	WV6482-021
PEN46SB3001	WV6482-004
PEN46SB3001	WV6482-022
PEN46SB3001D	WV6482-005
PEN46SB3001D	WV6482-023
PEN46SB3002	WV6482-006
PEN46SB3002	WV6482-024
PEN46SB3003	WV6482-007

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: George Brewer Name: George Brewer

Date: 01/11/06 Title: Inorganic Dept. Mgr.

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO367-2 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN46SB3003	WV6482-025
PEN46SB3101	WV6482-008
PEN46SB3101	WV6482-026
PEN46SB3102	WV6482-009
PEN46SB3102	WV6482-027
PEN46SB3103	WV6482-010
PEN46SB3103	WV6482-028

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: George Brewer Name: George Brewer

Date: 01/11/06 Title: Inorganic Dept. Mgr.

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO333-4 **SOW No.** SW846

Client Field ID	Lab Sample ID
PEN-OU1-MW02-07	WV6770-003
PEN-OU1-MW02A-07	WV6770-002
PEN-OU1-PZ01-07	WV6770-001
PEN-OU1-PZ07B-07	WV6789-004
PEN-OU1-PZ10-07	WV6789-001
PEN-OU1-W01-07	WV6789-002
PEN-OU1-W02-07	WV6789-003

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A Morgan Name: Edward A. Morgan

Date: January 17, 2005 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: BVL18A Dec 18, 2005 12:03

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20036.09	100.2
BARIUM	500.0	495.64	99.1
BERYLLIUM	500.0	498.86	99.8
CADMIUM	1250.0	1228.62	98.3
CALCIUM	20000.0	20174.87	100.9
COBALT	500.0	503.40	100.7
COPPER	500.0	498.15	99.6
IRON	20000.0	20696.06	103.5
MAGNESIUM	20000.0	20147.59	100.7
MANGANESE	500.0	508.41	101.7
NICKEL	1000.0	1036.09	103.6
POTASSIUM	20000.0	20428.87	102.1
SILVER	200.0	203.12	101.6
SODIUM	20000.0	20640.60	103.2
VANADIUM	500.0	509.65	101.9
ZINC	1000.0	980.08	98.0

SAMPLE: CCV

File: BVL18A Dec 18, 2005 12:45

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50520.16	101.0
BARIUM	1000.0	1009.51	101.0
BERYLLIUM	1000.0	1020.11	102.0
CADMIUM	1000.0	1025.00	102.5
CALCIUM	50000.0	51184.86	102.4
COBALT	1000.0	1028.11	102.8
COPPER	1000.0	1008.49	100.8
IRON	20000.0	20640.49	103.2
MAGNESIUM	50000.0	51314.97	102.6
MANGANESE	1000.0	1020.00	102.0
NICKEL	1000.0	1035.35	103.5
POTASSIUM	50000.0	50202.30	100.4
SILVER	250.0	256.79	102.7
SODIUM	50000.0	50192.64	100.4
VANADIUM	1000.0	1013.16	101.3
ZINC	1000.0	1024.46	102.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL18A Dec 18, 2005 13:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50658.23	101.3
BARIUM	1000.0	1021.70	102.2
BERYLLIUM	1000.0	1008.80	100.9
CADMIUM	1000.0	1024.12	102.4
CALCIUM	50000.0	50827.21	101.7
COBALT	1000.0	1016.30	101.6
COPPER	1000.0	1019.97	102.0
IRON	20000.0	20479.14	102.4
MAGNESIUM	50000.0	50441.53	100.9
MANGANESE	1000.0	1013.32	101.3
NICKEL	1000.0	1023.31	102.3
POTASSIUM	50000.0	50966.86	101.9
SILVER	250.0	265.46	106.2
SODIUM	50000.0	50789.13	101.6
VANADIUM	1000.0	1016.28	101.6
ZINC	1000.0	1023.97	102.4

SAMPLE: CCV

File: BVL18A Dec 18, 2005 15:07

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51324.48	102.6
BARIUM	1000.0	1027.32	102.7
BERYLLIUM	1000.0	1025.66	102.6
CADMIUM	1000.0	1036.68	103.7
CALCIUM	50000.0	51936.66	103.9
COBALT	1000.0	1027.55	102.8
COPPER	1000.0	1025.31	102.5
IRON	20000.0	20726.95	103.6
MAGNESIUM	50000.0	51523.48	103.0
MANGANESE	1000.0	1027.43	102.7
NICKEL	1000.0	1027.05	102.7
POTASSIUM	50000.0	50819.21	101.6
SILVER	250.0	256.97	102.8
SODIUM	50000.0	51343.97	102.7
VANADIUM	1000.0	1030.65	103.1
ZINC	1000.0	1043.85	104.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL18A Dec 18, 2005 16:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51565.04	103.1
BARIUM	1000.0	1008.66	100.9
BERYLLIUM	1000.0	1041.76	104.2
CADMIUM	1000.0	1007.81	100.8
CALCIUM	50000.0	52305.38	104.6
COBALT	1000.0	999.63	100.0
COPPER	1000.0	1017.47	101.7
IRON	20000.0	20923.26	104.6
MAGNESIUM	50000.0	52081.61	104.2
MANGANESE	1000.0	1040.92	104.1
NICKEL	1000.0	1039.59	104.0
POTASSIUM	50000.0	49721.45	99.4
SILVER	250.0	257.85	103.1
SODIUM	50000.0	51724.12	103.4
VANADIUM	1000.0	1037.75	103.8
ZINC	1000.0	1044.90	104.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: BVL29B Dec 29, 2005 18:19

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20775.90	103.9
BARIUM	500.0	514.72	102.9
BERYLLIUM	500.0	515.91	103.2
CADMIUM	1250.0	1280.76	102.5
CALCIUM	20000.0	20724.00	103.6
COBALT	500.0	516.89	103.4
COPPER	500.0	514.24	102.8
IRON	20000.0	21189.00	105.9
MAGNESIUM	20000.0	20879.08	104.4
MANGANESE	500.0	529.29	105.9
NICKEL	1000.0	1069.60	107.0
POTASSIUM	20000.0	21064.39	105.3
SILVER	200.0	217.92	109.0
SODIUM	20000.0	21305.98	106.5
VANADIUM	500.0	528.92	105.8
ZINC	1000.0	1017.41	101.7

SAMPLE: CCV

File: BVL29B Dec 29, 2005 19:01

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52307.53	104.6
BARIUM	1000.0	1024.38	102.4
BERYLLIUM	1000.0	1057.73	105.8
CADMIUM	1000.0	1005.99	100.6
CALCIUM	50000.0	50804.91	101.6
COBALT	1000.0	984.71	98.5
COPPER	1000.0	1031.64	103.2
IRON	20000.0	20587.66	102.9
MAGNESIUM	50000.0	51481.26	103.0
MANGANESE	1000.0	1057.02	105.7
NICKEL	1000.0	1038.46	103.8
POTASSIUM	50000.0	50458.45	100.9
SILVER	250.0	263.25	105.3
SODIUM	50000.0	52264.63	104.5
VANADIUM	1000.0	1035.33	103.5
ZINC	1000.0	1017.07	101.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL29B Dec 29, 2005 20:12

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52055.99	104.1
BARIUM	1000.0	1022.23	102.2
BERYLLIUM	1000.0	1043.12	104.3
CADMIUM	1000.0	1002.81	100.3
CALCIUM	50000.0	49589.40	99.2
COBALT	1000.0	955.60	95.6
COPPER	1000.0	1025.42	102.5
IRON	20000.0	20150.25	100.8
MAGNESIUM	50000.0	50583.47	101.2
MANGANESE	1000.0	1048.12	104.8
NICKEL	1000.0	1025.74	102.6
POTASSIUM	50000.0	49702.04	99.4
SILVER	250.0	265.04	106.0
SODIUM	50000.0	52280.76	104.6
VANADIUM	1000.0	1022.39	102.2
ZINC	1000.0	1003.28	100.3

SAMPLE: CCV

File: BVL29B Dec 29, 2005 21:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53118.02	106.2
BARIUM	1000.0	1044.38	104.4
BERYLLIUM	1000.0	1054.20	105.4
CADMIUM	1000.0	1015.34	101.5
CALCIUM	50000.0	49254.54	98.5
COBALT	1000.0	952.23	95.2
COPPER	1000.0	1049.53	105.0
IRON	20000.0	20201.01	101.0
MAGNESIUM	50000.0	50389.13	100.8
MANGANESE	1000.0	1057.55	105.8
NICKEL	1000.0	1035.16	103.5
POTASSIUM	50000.0	50720.52	101.4
SILVER	250.0	267.25	106.9
SODIUM	50000.0	53199.50	106.4
VANADIUM	1000.0	1029.43	102.9
ZINC	1000.0	1006.33	100.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL29B Dec 29, 2005 22:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53264.26	106.5
BARIUM	1000.0	1051.75	105.2
BERYLLIUM	1000.0	1057.89	105.8
CADMIUM	1000.0	1012.22	101.2
CALCIUM	50000.0	48363.98	96.7
COBALT	1000.0	950.43	95.0
COPPER	1000.0	1054.73	105.5
IRON	20000.0	20042.72	100.2
MAGNESIUM	50000.0	49596.48	99.2
MANGANESE	1000.0	1056.06	105.6
NICKEL	1000.0	1026.05	102.6
POTASSIUM	50000.0	52058.21	104.1
SILVER	250.0	268.43	107.4
SODIUM	50000.0	51912.92	103.8
VANADIUM	1000.0	1029.87	103.0
ZINC	1000.0	999.91	100.0

SAMPLE: CCV

File: BVL29B Dec 29, 2005 23:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53117.66	106.2
BARIUM	1000.0	1043.47	104.3
BERYLLIUM	1000.0	1053.54	105.4
CADMIUM	1000.0	1012.56	101.3
CALCIUM	50000.0	47791.32	95.6
COBALT	1000.0	942.84	94.3
COPPER	1000.0	1055.11	105.5
IRON	20000.0	19990.05	100.0
MAGNESIUM	50000.0	49269.78	98.5
MANGANESE	1000.0	1053.02	105.3
NICKEL	1000.0	1019.66	102.0
POTASSIUM	50000.0	52945.87	105.9
SILVER	250.0	268.95	107.6
SODIUM	50000.0	51866.47	103.7
VANADIUM	1000.0	1027.33	102.7
ZINC	1000.0	992.79	99.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL29B Dec 30, 2005 0:08

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52455.42	104.9
BARIUM	1000.0	1030.30	103.0
BERYLLIUM	1000.0	1041.98	104.2
CADMIUM	1000.0	992.86	99.3
CALCIUM	50000.0	47032.51	94.1
COBALT	1000.0	936.07	93.6
COPPER	1000.0	1035.52	103.6
IRON	20000.0	19685.21	98.4
MAGNESIUM	50000.0	48507.00	97.0
MANGANESE	1000.0	1041.20	104.1
NICKEL	1000.0	1001.34	100.1
POTASSIUM	50000.0	52123.56	104.2
SILVER	250.0	266.15	106.5
SODIUM	50000.0	50777.36	101.6
VANADIUM	1000.0	1012.91	101.3
ZINC	1000.0	975.28	97.5

SAMPLE: CCV

File: BVL29B Dec 30, 2005 1:13

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53134.71	106.3
BARIUM	1000.0	1040.85	104.1
BERYLLIUM	1000.0	1058.30	105.8
CADMIUM	1000.0	1010.44	101.0
CALCIUM	50000.0	47144.02	94.3
COBALT	1000.0	949.20	94.9
COPPER	1000.0	1052.68	105.3
IRON	20000.0	19852.68	99.3
MAGNESIUM	50000.0	48980.25	98.0
MANGANESE	1000.0	1057.82	105.8
NICKEL	1000.0	1014.80	101.5
POTASSIUM	50000.0	53383.58	106.8
SILVER	250.0	267.05	106.8
SODIUM	50000.0	51557.36	103.1
VANADIUM	1000.0	1026.61	102.7
ZINC	1000.0	988.94	98.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL29B Dec 30, 2005 2:24

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53939.50	107.9
BARIUM	1000.0	1055.98	105.6
BERYLLIUM	1000.0	1070.95	107.1
CADMIUM	1000.0	1020.06	102.0
CALCIUM	50000.0	47438.54	94.9
COBALT	1000.0	970.14	97.0
COPPER	1000.0	1066.44	106.6
IRON	20000.0	20217.14	101.1
MAGNESIUM	50000.0	49268.68	98.5
MANGANESE	1000.0	1076.62	107.7
NICKEL	1000.0	1025.29	102.5
POTASSIUM	50000.0	54828.38	109.7
SILVER	250.0	266.80	106.7
SODIUM	50000.0	51741.57	103.5
VANADIUM	1000.0	1042.72	104.3
ZINC	1000.0	998.19	99.8

SAMPLE: CCV

File: BVL29B Dec 30, 2005 3:29

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	54024.40	108.0
BARIUM	1000.0	1054.29	105.4
BERYLLIUM	1000.0	1075.24	107.5
CADMIUM	1000.0	1015.83	101.6
CALCIUM	50000.0	47425.06	94.9
COBALT	1000.0	973.31	97.3
COPPER	1000.0	1067.49	106.7
IRON	20000.0	20244.89	101.2
MAGNESIUM	50000.0	49498.42	99.0
MANGANESE	1000.0	1078.96	107.9
NICKEL	1000.0	1034.56	103.5
POTASSIUM	50000.0	55266.03	110.5 OK
SILVER	250.0	274.25	109.7
SODIUM	50000.0	51403.70	102.8
VANADIUM	1000.0	1049.22	104.9
ZINC	1000.0	996.67	99.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL29B Dec 30, 2005 3:58

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50994.28	102.0
BARIUM	1000.0	994.37	99.4
BERYLLIUM	1000.0	1018.35	101.8
CADMIUM	1000.0	961.30	96.1
CALCIUM	50000.0	44734.74	89.5 OL
COBALT	1000.0	920.36	92.0
COPPER	1000.0	1011.73	101.2
IRON	20000.0	19129.06	95.6
MAGNESIUM	50000.0	46792.96	93.6
MANGANESE	1000.0	1019.56	102.0
NICKEL	1000.0	977.95	97.8
POTASSIUM	50000.0	52106.14	104.2
SILVER	250.0	256.74	102.7
SODIUM	50000.0	48586.20	97.2
VANADIUM	1000.0	985.96	98.6
ZINC	1000.0	939.40	93.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: BVL30A Dec 30, 2005 11:11

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19974.80	99.9
BARIUM	500.0	494.44	98.9
BERYLLIUM	500.0	486.22	97.2
CADMIUM	1250.0	1264.30	101.1
CALCIUM	20000.0	20377.65	101.9
COBALT	500.0	516.71	103.3
COPPER	500.0	490.59	98.1
IRON	20000.0	20764.23	103.8
MAGNESIUM	20000.0	20389.68	101.9
MANGANESE	500.0	497.81	99.6
NICKEL	1000.0	1025.69	102.6
POTASSIUM	20000.0	19619.63	98.1
SILVER	200.0	201.62	100.8
VANADIUM	500.0	496.10	99.2
ZINC	1000.0	987.32	98.7

SAMPLE: CCV

File: BVL30A Dec 30, 2005 12:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50982.52	102.0
BARIUM	1000.0	1002.88	100.3
BERYLLIUM	1000.0	1019.96	102.0
CADMIUM	1000.0	1027.12	102.7
CALCIUM	50000.0	53168.69	106.3
COBALT	1000.0	1053.48	105.3
COPPER	1000.0	1002.67	100.3
IRON	20000.0	21082.22	105.4
MAGNESIUM	50000.0	52661.12	105.3
MANGANESE	1000.0	1011.30	101.1
NICKEL	1000.0	1044.24	104.4
POTASSIUM	50000.0	51258.40	102.5
SILVER	250.0	254.85	101.9
VANADIUM	1000.0	1024.05	102.4
ZINC	1000.0	1031.64	103.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 13:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50941.53	101.9
BARIUM	1000.0	1011.60	101.2
BERYLLIUM	1000.0	1011.73	101.2
CADMIUM	1000.0	1031.36	103.1
CALCIUM	50000.0	53398.65	106.8
COBALT	1000.0	1040.07	104.0
COPPER	1000.0	1007.99	100.8
IRON	20000.0	21010.16	105.1
MAGNESIUM	50000.0	52427.16	104.9
MANGANESE	1000.0	1009.45	100.9
NICKEL	1000.0	1032.08	103.2
POTASSIUM	50000.0	50750.06	101.5
SILVER	250.0	253.53	101.4
VANADIUM	1000.0	1025.74	102.6
ZINC	1000.0	1037.62	103.8

SAMPLE: CCV

File: BVL30A Dec 30, 2005 14:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51314.07	102.6
BARIUM	1000.0	1017.56	101.8
BERYLLIUM	1000.0	1003.85	100.4
CADMIUM	1000.0	1030.62	103.1
CALCIUM	50000.0	52356.87	104.7
COBALT	1000.0	1016.21	101.6
COPPER	1000.0	1017.20	101.7
IRON	20000.0	20795.79	104.0
MAGNESIUM	50000.0	51252.33	102.5
MANGANESE	1000.0	1005.54	100.6
NICKEL	1000.0	1020.51	102.1
POTASSIUM	50000.0	51917.67	103.8
SILVER	250.0	260.05	104.0
VANADIUM	1000.0	1017.75	101.8
ZINC	1000.0	1037.91	103.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 14:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50634.36	101.3
BARIUM	1000.0	1005.92	100.6
BERYLLIUM	1000.0	999.87	100.0
CADMIUM	1000.0	1021.37	102.1
CALCIUM	50000.0	52351.73	104.7
COBALT	1000.0	999.89	100.0
COPPER	1000.0	995.96	99.6
IRON	20000.0	20574.96	102.9
MAGNESIUM	50000.0	51853.50	103.7
MANGANESE	1000.0	1010.94	101.1
NICKEL	1000.0	1016.55	101.7
POTASSIUM	50000.0	49634.36	99.3
SILVER	250.0	258.07	103.2
VANADIUM	1000.0	1005.28	100.5
ZINC	1000.0	1022.82	102.3

SAMPLE: CCV

File: BVL30A Dec 30, 2005 16:00

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51921.73	103.8
BARIUM	1000.0	1034.37	103.4
BERYLLIUM	1000.0	1015.83	101.6
CADMIUM	1000.0	1035.90	103.6
CALCIUM	50000.0	52119.46	104.2
COBALT	1000.0	1004.49	100.4
COPPER	1000.0	1033.81	103.4
IRON	20000.0	20883.06	104.4
MAGNESIUM	50000.0	51352.38	102.7
MANGANESE	1000.0	1016.70	101.7
NICKEL	1000.0	1007.24	100.7
POTASSIUM	50000.0	51058.92	102.1
SILVER	250.0	259.13	103.7
VANADIUM	1000.0	1023.78	102.4
ZINC	1000.0	1044.06	104.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 17:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52851.63	105.7
BARIUM	1000.0	1062.98	106.3
BERYLLIUM	1000.0	1020.76	102.1
CADMIUM	1000.0	1044.73	104.5
CALCIUM	50000.0	51830.57	103.7
COBALT	1000.0	976.87	97.7
COPPER	1000.0	1046.75	104.7
IRON	20000.0	20706.58	103.5
MAGNESIUM	50000.0	51605.73	103.2
MANGANESE	1000.0	1037.77	103.8
NICKEL	1000.0	1013.67	101.4
POTASSIUM	50000.0	50841.95	101.7
SILVER	250.0	268.44	107.4
VANADIUM	1000.0	1028.11	102.8
ZINC	1000.0	1046.35	104.6

SAMPLE: CCV

File: BVL30A Dec 30, 2005 18:22

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	53494.38	107.0
BARIUM	1000.0	1060.51	106.1
BERYLLIUM	1000.0	1027.99	102.8
CADMIUM	1000.0	1043.48	104.3
CALCIUM	50000.0	51306.78	102.6
COBALT	1000.0	962.59	96.3
COPPER	1000.0	1058.67	105.9
IRON	20000.0	20565.20	102.8
MAGNESIUM	50000.0	51595.27	103.2
MANGANESE	1000.0	1040.42	104.0
NICKEL	1000.0	1021.23	102.1
POTASSIUM	50000.0	50758.72	101.5
SILVER	250.0	274.45	109.8
VANADIUM	1000.0	1030.15	103.0
ZINC	1000.0	1045.82	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: BVL30A Dec 30, 2005 19:33

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52913.72	105.8
BARIUM	1000.0	1046.82	104.7
BERYLLIUM	1000.0	1021.98	102.2
CADMIUM	1000.0	1031.05	103.1
CALCIUM	50000.0	50552.36	101.1
COBALT	1000.0	948.81	94.9
COPPER	1000.0	1046.42	104.6
IRON	20000.0	20245.01	101.2
MAGNESIUM	50000.0	51177.63	102.4
MANGANESE	1000.0	1034.58	103.5
NICKEL	1000.0	992.05	99.2
POTASSIUM	50000.0	51707.85	103.4
SILVER	250.0	276.20	110.5
VANADIUM	1000.0	1013.41	101.3
ZINC	1000.0	1029.48	102.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: FVL30A Dec 30, 2005 12:53

Analyte	True	Found	%R (1)
ALUMINUM	400.0	415.50	103.9
ANTIMONY	20.0	20.28	101.4
ARSENIC	20.0	19.15	95.7
CALCIUM	4000.0	4240.00	106.0
CHROMIUM	20.0	18.99	94.9
IRON	4000.0	4295.00	107.4
LEAD	20.0	19.11	95.5
MAGNESIUM	4000.0	4280.00	107.0
MOLYBDENUM	40.0	40.95	102.4
POTASSIUM	4000.0	4272.00	106.8
SELENIUM	20.0	19.95	99.8
SODIUM	4000.0	4326.00	108.1
THALLIUM	20.0	18.71	93.5

SAMPLE: CCV

File: FVL30A Dec 30, 2005 14:03

Analyte	True	Found	%R (1)
ALUMINUM	500.0	471.70	94.3
ANTIMONY	25.0	25.25	101.0
ARSENIC	25.0	24.27	97.1
CALCIUM	5000.0	4804.00	96.1
CHROMIUM	25.0	23.88	95.5
IRON	5000.0	5018.00	100.4
LEAD	25.0	24.61	98.4
MAGNESIUM	5000.0	4679.00	93.6
MOLYBDENUM	25.0	23.99	96.0
POTASSIUM	5000.0	4813.00	96.3
SELENIUM	25.0	24.34	97.4
SODIUM	5000.0	4776.00	95.5
THALLIUM	25.0	24.61	98.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FVL30A Dec 30, 2005 14:57

Analyte	True	Found	%R (1)
ALUMINUM	500.0	465.70	93.1
ANTIMONY	25.0	24.90	99.6
ARSENIC	25.0	24.21	96.8
CALCIUM	5000.0	4770.00	95.4
CHROMIUM	25.0	23.96	95.8
IRON	5000.0	4932.00	98.6
LEAD	25.0	23.91	95.6
MAGNESIUM	5000.0	4698.00	94.0
MOLYBDENUM	25.0	24.23	96.9
POTASSIUM	5000.0	4773.00	95.5
SELENIUM	25.0	24.22	96.9
SODIUM	5000.0	4768.00	95.4
THALLIUM	25.0	23.34	93.4

SAMPLE: CCV

File: FVL30A Dec 30, 2005 16:30

Analyte	True	Found	%R (1)
ALUMINUM	500.0	446.40	89.3
ANTIMONY	25.0	23.62	94.5
ARSENIC	25.0	23.54	94.2
CALCIUM	5000.0	4658.00	93.2
CHROMIUM	25.0	23.30	93.2
IRON	5000.0	4834.00	96.7
LEAD	25.0	23.46	93.8
MAGNESIUM	5000.0	4464.00	89.3
MOLYBDENUM	25.0	23.43	93.7
POTASSIUM	5000.0	4633.00	92.7
SELENIUM	25.0	23.61	94.4
SODIUM	5000.0	4423.00	88.5
THALLIUM	25.0	23.53	94.1

OK - NO reported results for these analytes bracketed by this CCV. EMF 1/26/06

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FVL30A Dec 30, 2005 18:03

Analyte	True	Found	%R (1)
ALUMINUM	500.0	489.00	97.8
ANTIMONY	25.0	26.18	104.7
ARSENIC	25.0	24.55	98.2
CALCIUM	5000.0	4894.00	97.9
CHROMIUM	25.0	23.86	95.4
IRON	5000.0	4897.00	97.9
LEAD	25.0	24.19	96.8
MAGNESIUM	5000.0	4768.00	95.4
MOLYBDENUM	25.0	24.19	96.8
POTASSIUM	5000.0	4883.00	97.7
SELENIUM	25.0	24.67	98.7
SODIUM	5000.0	4748.00	95.0
THALLIUM	25.0	23.92	95.7

SAMPLE: CCV

File: FVL30A Dec 30, 2005 19:35

Analyte	True	Found	%R (1)
ALUMINUM	500.0	493.30	98.7
ANTIMONY	25.0	27.04	108.2
ARSENIC	25.0	24.66	98.6
CALCIUM	5000.0	4919.00	98.4
CHROMIUM	25.0	24.15	96.6
IRON	5000.0	4912.00	98.2
LEAD	25.0	24.31	97.2
MAGNESIUM	5000.0	4843.00	96.9
MOLYBDENUM	25.0	24.39	97.6
POTASSIUM	5000.0	4893.00	97.9
SELENIUM	25.0	24.88	99.5
SODIUM	5000.0	4734.00	94.7
THALLIUM	25.0	24.13	96.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FVL30A Dec 30, 2005 21:09

Analyte	True	Found	%R (1)
ALUMINUM	500.0	499.70	99.9
ANTIMONY	25.0	25.51	102.0
ARSENIC	25.0	24.21	96.8
CALCIUM	5000.0	4754.00	95.1
CHROMIUM	25.0	22.62	90.5
IRON	5000.0	4675.00	93.5
LEAD	25.0	23.46	93.8
MAGNESIUM	5000.0	4860.00	97.2
MOLYBDENUM	25.0	23.65	94.6
POTASSIUM	5000.0	4824.00	96.5
SELENIUM	25.0	24.28	97.1
SODIUM	5000.0	4800.00	96.0
THALLIUM	25.0	23.02	92.1

SAMPLE: CCV

File: FVL30A Dec 30, 2005 22:42

Analyte	True	Found	%R (1)
ALUMINUM	500.0	499.80	100.0
ANTIMONY	25.0	25.89	103.6
ARSENIC	25.0	24.15	96.6
CALCIUM	5000.0	4743.00	94.9
CHROMIUM	25.0	22.43	89.7
IRON	5000.0	4683.00	93.7
LEAD	25.0	23.47	93.9
MAGNESIUM	5000.0	4868.00	97.4
MOLYBDENUM	25.0	23.70	94.8
POTASSIUM	5000.0	4795.00	95.9
SELENIUM	25.0	24.45	97.8
SODIUM	5000.0	4716.00	94.3
THALLIUM	25.0	23.64	94.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FVL30A Dec 31, 2005 0:15

Analyte	True	Found	%R (1)
ALUMINUM	500.0	504.40	100.9
ANTIMONY	25.0	25.76	103.0
ARSENIC	25.0	24.69	98.8
CALCIUM	5000.0	4868.00	97.4
CHROMIUM	25.0	23.07	92.3
IRON	5000.0	4778.00	95.6
LEAD	25.0	24.52	98.1
MAGNESIUM	5000.0	4908.00	98.2
MOLYBDENUM	25.0	24.27	97.1
POTASSIUM	5000.0	4912.00	98.2
SELENIUM	25.0	24.89	99.6
SODIUM	5000.0	4838.00	96.8
THALLIUM	25.0	24.35	97.4

SAMPLE: CCV

File: FVL30A Dec 31, 2005 1:01

Analyte	True	Found	%R (1)
ALUMINUM	500.0	491.10	98.2
ANTIMONY	25.0	26.64	106.6
ARSENIC	25.0	24.58	98.3
CALCIUM	5000.0	4901.00	98.0
CHROMIUM	25.0	23.37	93.5
IRON	5000.0	4825.00	96.5
LEAD	25.0	24.22	96.9
MAGNESIUM	5000.0	4799.00	96.0
MOLYBDENUM	25.0	25.24	101.0
POTASSIUM	5000.0	4914.00	98.3
SELENIUM	25.0	24.67	98.7
SODIUM	5000.0	4693.00	93.9
THALLIUM	25.0	23.87	95.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: FWA05A Jan 05, 2006 12:21

Analyte	True	Found	%R (1)
ALUMINUM	400.0	400.40	100.1
ANTIMONY	20.0	18.96	94.8
ARSENIC	20.0	19.04	95.2
BARIUM	20.0	18.83	94.1
CADMIUM	20.0	19.35	96.8
CALCIUM	4000.0	4242.00	106.1
CHROMIUM	20.0	19.28	96.4
COBALT	20.0	19.02	95.1
IRON	4000.0	4285.00	107.1
LEAD	20.0	18.61	93.0
MAGNESIUM	4000.0	4231.00	105.8
MANGANESE	20.0	18.86	94.3
MOLYBDENUM	40.0	40.82	102.1
NICKEL	20.0	19.18	95.9
POTASSIUM	4000.0	4180.00	104.5
SELENIUM	20.0	19.49	97.4
SILVER	20.0	19.54	97.7
SODIUM	4000.0	4188.00	104.7
THALLIUM	20.0	18.71	93.5
VANADIUM	20.0	18.68	93.4
ZINC	20.0	18.91	94.5

SAMPLE: CCV

File: FWA05A Jan 05, 2006 13:31

Analyte	True	Found	%R (1)
ALUMINUM	500.0	490.30	98.1
ANTIMONY	25.0	25.10	100.4
ARSENIC	25.0	25.36	101.4
BARIUM	25.0	25.57	102.3
CADMIUM	25.0	26.53	106.1
CALCIUM	5000.0	5074.00	101.5
CHROMIUM	25.0	26.04	104.2
COBALT	25.0	26.13	104.5
IRON	5000.0	5176.00	103.5
LEAD	25.0	25.20	100.8
MAGNESIUM	5000.0	4975.00	99.5
MANGANESE	25.0	25.33	101.3
MOLYBDENUM	25.0	27.16	108.6
NICKEL	25.0	26.50	106.0
POTASSIUM	5000.0	5035.00	100.7
SELENIUM	25.0	25.31	101.2
SILVER	25.0	26.23	104.9
SODIUM	5000.0	5105.00	102.1
THALLIUM	25.0	25.16	100.6
VANADIUM	25.0	25.40	101.6
ZINC	25.0	26.16	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA05A Jan 05, 2006 13:54

Analyte	True	Found	%R (1)
ALUMINUM	500.0	478.70	95.7
ANTIMONY	25.0	24.33	97.3
ARSENIC	25.0	24.84	99.4
BARIUM	25.0	24.70	98.8
CADMIUM	25.0	25.63	102.5
CALCIUM	5000.0	4980.00	99.6
CHROMIUM	25.0	24.54	98.2
COBALT	25.0	25.24	101.0
IRON	5000.0	4999.00	100.0
LEAD	25.0	24.61	98.4
MAGNESIUM	5000.0	4862.00	97.2
MANGANESE	25.0	24.66	98.6
MOLYBDENUM	25.0	25.04	100.2
NICKEL	25.0	25.55	102.2
POTASSIUM	5000.0	4910.00	98.2
SELENIUM	25.0	25.09	100.4
SILVER	25.0	25.29	101.2
SODIUM	5000.0	4887.00	97.7
THALLIUM	25.0	24.79	99.2
VANADIUM	25.0	24.21	96.8
ZINC	25.0	25.22	100.9

SAMPLE: CCV

File: FWA05A Jan 05, 2006 15:27

Analyte	True	Found	%R (1)
ALUMINUM	500.0	513.30	102.7
ANTIMONY	25.0	25.42	101.7
ARSENIC	25.0	25.86	103.4
BARIUM	25.0	25.66	102.6
CADMIUM	25.0	26.21	104.8
CALCIUM	5000.0	5162.00	103.2
CHROMIUM	25.0	25.40	101.6
COBALT	25.0	25.42	101.7
IRON	5000.0	5007.00	100.1
LEAD	25.0	25.21	100.8
MAGNESIUM	5000.0	5187.00	103.7
MANGANESE	25.0	24.74	99.0
MOLYBDENUM	25.0	25.89	103.6
NICKEL	25.0	25.79	103.2
POTASSIUM	5000.0	5194.00	103.9
SELENIUM	25.0	25.97	103.9
SILVER	25.0	25.86	103.4
SODIUM	5000.0	5086.00	101.7
THALLIUM	25.0	25.81	103.2
VANADIUM	25.0	24.70	98.8
ZINC	25.0	25.58	102.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA05A Jan 05, 2006 17:00

Analyte	True	Found	%R (1)
ALUMINUM	500.0	505.40	101.1
ANTIMONY	25.0	25.47	101.9
ARSENIC	25.0	25.68	102.7
BARIUM	25.0	25.81	103.2
CADMIUM	25.0	25.91	103.6
CALCIUM	5000.0	5124.00	102.5
CHROMIUM	25.0	25.52	102.1
COBALT	25.0	25.70	102.8
IRON	5000.0	5135.00	102.7
LEAD	25.0	25.40	101.6
MAGNESIUM	5000.0	5093.00	101.9
MANGANESE	25.0	25.30	101.2
MOLYBDENUM	25.0	25.69	102.8
NICKEL	25.0	25.88	103.5
POTASSIUM	5000.0	5155.00	103.1
SELENIUM	25.0	25.90	103.6
SILVER	25.0	25.70	102.8
SODIUM	5000.0	4940.00	98.8
THALLIUM	25.0	25.31	101.2
VANADIUM	25.0	24.95	99.8
ZINC	25.0	26.30	105.2

SAMPLE: CCV

File: FWA05A Jan 05, 2006 18:32

Analyte	True	Found	%R (1)
ALUMINUM	500.0	485.90	97.2
ANTIMONY	25.0	25.37	101.5
ARSENIC	25.0	25.51	102.0
BARIUM	25.0	25.51	102.0
CADMIUM	25.0	26.30	105.2
CALCIUM	5000.0	5060.00	101.2
CHROMIUM	25.0	26.54	106.2
COBALT	25.0	26.36	105.4
IRON	5000.0	5280.00	105.6
LEAD	25.0	25.39	101.6
MAGNESIUM	5000.0	4958.00	99.2
MANGANESE	25.0	26.06	104.2
MOLYBDENUM	25.0	25.95	103.8
NICKEL	25.0	26.52	106.1
POTASSIUM	5000.0	5005.00	100.1
SELENIUM	25.0	25.75	103.0
SILVER	25.0	26.00	104.0
SODIUM	5000.0	4985.00	99.7
THALLIUM	25.0	25.61	102.4
VANADIUM	25.0	25.90	103.6
ZINC	25.0	26.67	106.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA05A Jan 05, 2006 20:06

Analyte	True	Found	%R (1)
ALUMINUM	500.0	503.60	100.7
ANTIMONY	25.0	25.27	101.1
ARSENIC	25.0	25.57	102.3
BARIUM	25.0	25.65	102.6
CADMIUM	25.0	26.32	105.3
CALCIUM	5000.0	5151.00	103.0
CHROMIUM	25.0	26.24	105.0
COBALT	25.0	26.06	104.2
IRON	5000.0	5215.00	104.3
LEAD	25.0	25.42	101.7
MAGNESIUM	5000.0	5112.00	102.2
MANGANESE	25.0	25.62	102.5
MOLYBDENUM	25.0	25.60	102.4
NICKEL	25.0	26.29	105.2
POTASSIUM	5000.0	5124.00	102.5
SELENIUM	25.0	25.89	103.6
SILVER	25.0	25.84	103.4
SODIUM	5000.0	5092.00	101.8
THALLIUM	25.0	25.09	100.4
VANADIUM	25.0	25.48	101.9
ZINC	25.0	26.46	105.8

SAMPLE: CCV

File: FWA05A Jan 05, 2006 21:23

Analyte	True	Found	%R (1)
ALUMINUM	500.0	527.80	105.6
ANTIMONY	25.0	25.59	102.4
ARSENIC	25.0	25.90	103.6
BARIUM	25.0	25.79	103.2
CADMIUM	25.0	26.17	104.7
CALCIUM	5000.0	5166.00	103.3
CHROMIUM	25.0	24.92	99.7
COBALT	25.0	24.93	99.7
IRON	5000.0	4959.00	99.2
LEAD	25.0	25.24	101.0
MAGNESIUM	5000.0	5393.00	107.9
MANGANESE	25.0	24.39	97.6
MOLYBDENUM	25.0	26.12	104.5
NICKEL	25.0	25.29	101.2
POTASSIUM	5000.0	5222.00	104.4
SELENIUM	25.0	26.44	105.8
SILVER	25.0	25.78	103.1
SODIUM	5000.0	5351.00	107.0
THALLIUM	25.0	25.60	102.4
VANADIUM	25.0	24.24	97.0
ZINC	25.0	25.83	103.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA05A Jan 05, 2006 22:41

Analyte	True	Found	%R (1)
ALUMINUM	500.0	495.40	99.1
ANTIMONY	25.0	25.51	102.0
ARSENIC	25.0	25.52	102.1
BARIUM	25.0	25.37	101.5
CADMIUM	25.0	26.63	106.5
CALCIUM	5000.0	5136.00	102.7
CHROMIUM	25.0	26.53	106.1
COBALT	25.0	26.31	105.2
IRON	5000.0	5385.00	107.7
LEAD	25.0	25.59	102.4
MAGNESIUM	5000.0	5064.00	101.3
MANGANESE	25.0	26.49	106.0
MOLYBDENUM	25.0	25.73	102.9
NICKEL	25.0	26.53	106.1
POTASSIUM	5000.0	5100.00	102.0
SELENIUM	25.0	25.81	103.2
SILVER	25.0	26.19	104.8
SODIUM	5000.0	5088.00	101.8
THALLIUM	25.0	25.86	103.4
VANADIUM	25.0	25.72	102.9
ZINC	25.0	27.04	108.2

SAMPLE: CCV

File: FWA05A Jan 05, 2006 23:35

Analyte	True	Found	%R (1)
ALUMINUM	500.0	520.70	104.1
ANTIMONY	25.0	26.57	106.3
ARSENIC	25.0	26.05	104.2
BARIUM	25.0	26.54	106.2
CADMIUM	25.0	27.11	108.4
CALCIUM	5000.0	5336.00	106.7
CHROMIUM	25.0	27.02	108.1
COBALT	25.0	26.89	107.6
IRON	5000.0	5538.00	110.8
LEAD	25.0	25.95	103.8
MAGNESIUM	5000.0	5274.00	105.5
MANGANESE	25.0	26.84	107.4
MOLYBDENUM	25.0	26.46	105.8
NICKEL	25.0	27.12	108.5
POTASSIUM	5000.0	5301.00	106.0
SELENIUM	25.0	26.56	106.2
SILVER	25.0	26.78	107.1
SODIUM	5000.0	5235.00	104.7
THALLIUM	25.0	25.79	103.2
VANADIUM	25.0	26.12	104.5
ZINC	25.0	27.18	108.7

OK-no reported results for Fe bracketed by this CCV. EuF 1/26/06

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA05A Jan 06, 2006 0:21

Analyte	True	Found	%R (1)
ALUMINUM	500.0	500.20	100.0
ANTIMONY	25.0	25.12	100.5
ARSENIC	25.0	25.75	103.0
BARIUM	25.0	25.74	103.0
CADMIUM	25.0	27.38	109.5
CALCIUM	5000.0	5198.00	104.0
CHROMIUM	25.0	26.45	105.8
COBALT	25.0	26.40	105.6
IRON	5000.0	5340.00	106.8
LEAD	25.0	25.67	102.7
MAGNESIUM	5000.0	4984.00	99.7
MANGANESE	25.0	26.29	105.2
MOLYBDENUM	25.0	27.88	111.5
NICKEL	25.0	26.55	106.2
POTASSIUM	5000.0	5126.00	102.5
SELENIUM	25.0	26.08	104.3
SILVER	25.0	26.77	107.1
SODIUM	5000.0	5041.00	100.8
THALLIUM	25.0	25.37	101.5
VANADIUM	25.0	25.70	102.8
ZINC	25.0	26.57	106.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: FWA06A Jan 06, 2006 14:32

Analyte	True	Found	%R (1)
ALUMINUM	400.0	403.80	101.0
CALCIUM	4000.0	4268.00	106.7
IRON	4000.0	4286.00	107.1
MAGNESIUM	4000.0	4209.00	105.2
MOLYBDENUM	40.0	40.27	100.7
POTASSIUM	4000.0	4228.00	105.7
SODIUM	4000.0	4247.00	106.2

SAMPLE: CCV

File: FWA06A Jan 06, 2006 15:41

Analyte	True	Found	%R (1)
ALUMINUM	500.0	486.30	97.3
CALCIUM	5000.0	5107.00	102.1
IRON	5000.0	5162.00	103.2
MAGNESIUM	5000.0	4891.00	97.8
MOLYBDENUM	25.0	27.70	110.8
POTASSIUM	5000.0	5009.00	100.2
SODIUM	5000.0	4901.00	98.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA06A Jan 06, 2006 16:20

Analyte	True	Found	%R (1)
ALUMINUM	500.0	520.40	104.1
CALCIUM	5000.0	5351.00	107.0
IRON	5000.0	5282.00	105.6
MAGNESIUM	5000.0	5207.00	104.1
MOLYBDENUM	25.0	26.85	107.4
POTASSIUM	5000.0	5262.00	105.2
SODIUM	5000.0	5268.00	105.4

SAMPLE: CCV

File: FWA06A Jan 06, 2006 17:53

Analyte	True	Found	%R (1)
ALUMINUM	500.0	478.50	95.7
CALCIUM	5000.0	5136.00	102.7
IRON	5000.0	5192.00	103.8
MAGNESIUM	5000.0	4837.00	96.7
MOLYBDENUM	25.0	25.82	103.3
POTASSIUM	5000.0	4936.00	98.7
SODIUM	5000.0	4885.00	97.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA06A Jan 06, 2006 19:26

Analyte	True	Found	%R (1)
ALUMINUM	500.0	472.70	94.5
CALCIUM	5000.0	5082.00	101.6
IRON	5000.0	5199.00	104.0
MAGNESIUM	5000.0	4730.00	94.6
MOLYBDENUM	25.0	25.62	102.5
POTASSIUM	5000.0	4871.00	97.4
SODIUM	5000.0	4816.00	96.3

SAMPLE: CCV

File: FWA06A Jan 06, 2006 20:59

Analyte	True	Found	%R (1)
ALUMINUM	500.0	483.00	96.6
CALCIUM	5000.0	5044.00	100.9
IRON	5000.0	5215.00	104.3
MAGNESIUM	5000.0	4827.00	96.5
MOLYBDENUM	25.0	25.72	102.9
POTASSIUM	5000.0	4930.00	98.6
SODIUM	5000.0	4829.00	96.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA06A Jan 06, 2006 22:32

Analyte	True	Found	%R (1)
ALUMINUM	500.0	476.50	95.3
CALCIUM	5000.0	5078.00	101.6
IRON	5000.0	5185.00	103.7
MAGNESIUM	5000.0	4770.00	95.4
MOLYBDENUM	25.0	25.41	101.6
POTASSIUM	5000.0	4860.00	97.2
SODIUM	5000.0	4825.00	96.5

SAMPLE: CCV

File: FWA06A Jan 07, 2006 0:05

Analyte	True	Found	%R (1)
ALUMINUM	500.0	493.80	98.8
CALCIUM	5000.0	5262.00	105.2
IRON	5000.0	5431.00	108.6
MAGNESIUM	5000.0	4972.00	99.4
MOLYBDENUM	25.0	26.45	105.8
POTASSIUM	5000.0	4980.00	99.6
SODIUM	5000.0	5043.00	100.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: FWA06A Jan 07, 2006 1:15

Analyte	True	Found	%R (1)
ALUMINUM	500.0	482.70	96.5
CALCIUM	5000.0	5036.00	100.7
IRON	5000.0	5242.00	104.8
MAGNESIUM	5000.0	4872.00	97.4
MOLYBDENUM	25.0	25.55	102.2
POTASSIUM	5000.0	4874.00	97.5
SODIUM	5000.0	4913.00	98.3

SAMPLE: CCV

File: FWA06A Jan 07, 2006 2:01

Analyte	True	Found	%R (1)
ALUMINUM	500.0	467.30	93.5
CALCIUM	5000.0	5072.00	101.4
IRON	5000.0	5201.00	104.0
MAGNESIUM	5000.0	4646.00	92.9
MOLYBDENUM	25.0	28.21	112.8
POTASSIUM	5000.0	4778.00	95.6
SODIUM	5000.0	4678.00	93.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: HVL29A Dec 29, 2005 10:04

Analyte	True	Found	%R (1)
MERCURY	6.0	6.28	104.7

SAMPLE: CCV

File: HVL29A Dec 29, 2005 10:29

Analyte	True	Found	%R (1)
MERCURY	5.0	5.55	111.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: HVL29A Dec 29, 2005 10:55

Analyte	True	Found	%R (1)
MERCURY	5.0	5.59	111.8

SAMPLE: CCV

File: HVL29A Dec 29, 2005 11:10

Analyte	True	Found	%R (1)
MERCURY	5.0	5.50	110.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: HVL29A Dec 29, 2005 11:19

Analyte	True	Found	%R (1)
MERCURY	5.0	5.65	113.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICV

File: HWA03A Jan 03, 2006 16:07

Analyte	True	Found	%R (1)
MERCURY	6.0	5.97	99.5

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:32

Analyte	True	Found	%R (1)
MERCURY	5.0	5.25	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 16:57

Analyte	True	Found	%R (1)
MERCURY	5.0	5.38	107.6

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:23

Analyte	True	Found	%R (1)
MERCURY	5.0	5.21	104.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 03, 2006 17:49

Analyte	True	Found	%R (1)
MERCURY	5.0	5.57	111.4

SAMPLE: CCV

File: HWA03A Jan 03, 2006 18:08

Analyte	True	Found	%R (1)
MERCURY	5.0	5.47	109.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCV

File: HWA03A Jan 04, 2006 8:37

Analyte	True	Found	%R (1)
MERCURY	5.0	5.45	109.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICV

File: BWA05A Jan 05, 2006 12:28

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	20104.96	100.5
CALCIUM	20000.0	20258.67	101.3
IRON	20000.0	20816.62	104.1
MAGNESIUM	20000.0	20374.38	101.9

SAMPLE: CCV

File: BWA05A Jan 05, 2006 13:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49713.73	99.4
CALCIUM	50000.0	50222.45	100.4
IRON	20000.0	20200.00	101.0
MAGNESIUM	50000.0	50300.02	100.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 14:18

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50170.91	100.3
CALCIUM	50000.0	51256.82	102.5
IRON	20000.0	20496.20	102.5
MAGNESIUM	50000.0	51048.01	102.1

SAMPLE: CCV

File: BWA05A Jan 05, 2006 15:29

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50092.39	100.2
CALCIUM	50000.0	51510.56	103.0
IRON	20000.0	20563.15	102.8
MAGNESIUM	50000.0	51426.75	102.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 16:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50444.51	100.9
CALCIUM	50000.0	52281.60	104.6
IRON	20000.0	20721.67	103.6
MAGNESIUM	50000.0	52036.04	104.1

SAMPLE: CCV

File: BWA05A Jan 05, 2006 17:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51114.63	102.2
CALCIUM	50000.0	52399.40	104.8
IRON	20000.0	20822.05	104.1
MAGNESIUM	50000.0	51877.94	103.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 18:55

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51523.46	103.0
CALCIUM	50000.0	52094.61	104.2
IRON	20000.0	20747.61	103.7
MAGNESIUM	50000.0	51555.50	103.1

SAMPLE: CCV

File: BWA05A Jan 05, 2006 20:06

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52073.94	104.1
CALCIUM	50000.0	51737.01	103.5
IRON	20000.0	20843.63	104.2
MAGNESIUM	50000.0	51642.57	103.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 21:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51118.79	102.2
CALCIUM	50000.0	50422.92	100.8
IRON	20000.0	20300.05	101.5
MAGNESIUM	50000.0	50408.91	100.8

SAMPLE: CCV

File: BWA05A Jan 05, 2006 22:28

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52567.28	105.1
CALCIUM	50000.0	51456.13	102.9
IRON	20000.0	20774.73	103.9
MAGNESIUM	50000.0	51534.33	103.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 05, 2006 23:39

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52466.64	104.9
CALCIUM	50000.0	51036.73	102.1
IRON	20000.0	20633.67	103.2
MAGNESIUM	50000.0	51232.26	102.5

SAMPLE: CCV

File: BWA05A Jan 06, 2006 0:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52885.78	105.8
CALCIUM	50000.0	51191.54	102.4
IRON	20000.0	20806.01	104.0
MAGNESIUM	50000.0	51464.84	102.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCV

File: BWA05A Jan 06, 2006 1:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51756.17	103.5
CALCIUM	50000.0	49947.88	99.9
IRON	20000.0	20430.17	102.2
MAGNESIUM	50000.0	50392.31	100.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: BVL18A Dec 18, 2005 12:27

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.78	97.8
CADMIUM	10.0	11.98	119.8
COBALT	100.0	99.65	99.7
COPPER	50.0	48.66	97.3
MANGANESE	30.0	31.10	103.7
NICKEL	80.0	75.05	93.8
SILVER	20.0	19.54	97.7
VANADIUM	100.0	100.82	100.8
ZINC	40.0	39.08	97.7

SAMPLE: CRI

File: BVL18A Dec 18, 2005 16:00

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.88	98.8
CADMIUM	10.0	12.77	127.7
COBALT	100.0	99.98	100.0
COPPER	50.0	48.95	97.9
MANGANESE	30.0	30.69	102.3
NICKEL	80.0	77.26	96.6
SILVER	20.0	16.98	84.9
VANADIUM	100.0	102.69	102.7
ZINC	40.0	39.66	99.1

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: BVL29B Dec 30, 2005 00:55

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	10.42	104.2
CADMIUM	10.0	9.81	98.1
COBALT	100.0	93.20	93.2
COPPER	50.0	48.69	97.4
MANGANESE	30.0	31.80	106.0
NICKEL	80.0	84.31	105.4
SILVER	20.0	26.64	133.2
VANADIUM	100.0	103.56	103.6
ZINC	40.0	38.66	96.6

SAMPLE: CRI

File: BVL29B Dec 30, 2005 03:41

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	10.41	104.1
CADMIUM	10.0	9.28	92.8
COBALT	100.0	94.39	94.4
COPPER	50.0	52.76	105.5
MANGANESE	30.0	31.31	104.4
NICKEL	80.0	88.13	110.2
SILVER	20.0	29.25	146.3
VANADIUM	100.0	105.90	105.9
ZINC	40.0	38.57	96.4

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: BVL30A Dec 30, 2005 11:51

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.42	94.2
CADMIUM	10.0	8.63	86.3
COBALT	100.0	104.76	104.8
COPPER	50.0	49.35	98.7
MANGANESE	30.0	28.70	95.7
NICKEL	80.0	76.73	95.9
SILVER	20.0	17.00	85.0
VANADIUM	100.0	101.24	101.2
ZINC	40.0	39.52	98.8

SAMPLE: CRI

File: BVL30A Dec 30, 2005 15:43

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.41	94.1
CADMIUM	10.0	13.42	134.2
COBALT	100.0	104.20	104.2
COPPER	50.0	52.10	104.2
MANGANESE	30.0	30.74	102.5
NICKEL	80.0	85.64	107.1
SILVER	20.0	29.24	146.2
VANADIUM	100.0	104.21	104.2
ZINC	40.0	44.90	112.3

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: BVL30A Dec 30, 2005 19:15

Analyte	TRUE	FOUND	% R
BERYLLIUM	10.0	9.61	96.1
CADMIUM	10.0	10.31	103.1
COBALT	100.0	93.57	93.6
COPPER	50.0	48.94	97.9
MANGANESE	30.0	29.52	98.4
NICKEL	80.0	73.04	91.3
SILVER	20.0	28.62	143.1
VANADIUM	100.0	99.24	99.2
ZINC	40.0	42.98	107.5

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: FVL30A Dec 30, 2005 13:32

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	107.35	89.5
ARSENIC	20.0	18.18	90.9
CHROMIUM	20.0	16.83	84.1
LEAD	6.0	5.26	87.7
SELENIUM	10.0	8.59	85.9
THALLIUM	20.0	16.62	83.1

SAMPLE: CRI

File: FVL30A Dec 31, 2005 00:30

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	110.85	92.4
ARSENIC	20.0	17.45	87.3
CHROMIUM	20.0	17.02	85.1
LEAD	6.0	5.19	86.5
SELENIUM	10.0	8.75	87.5
THALLIUM	20.0	16.39	82.0

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRI

File: FWA05A Jan 05, 2006 13:00

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	106.95	89.1
ARSENIC	20.0	19.12	95.6
CADMIUM	10.0	9.85	98.5
CHROMIUM	20.0	19.17	95.9
COBALT	100.0	96.40	96.4
LEAD	6.0	5.48	91.3
MANGANESE	30.0	28.23	94.1
NICKEL	80.0	77.70	97.1
SELENIUM	10.0	9.58	95.8
SILVER	20.0	18.75	93.8
THALLIUM	20.0	17.95	89.8
VANADIUM	100.0	91.15	91.2
ZINC	40.0	38.22	95.5

SAMPLE: CRI

File: FWA05A Jan 05, 2006 23:50

Analyte	TRUE	FOUND	% R
ANTIMONY	120.0	105.70	88.1
ARSENIC	20.0	18.57	92.8
CADMIUM	10.0	9.73	97.3
CHROMIUM	20.0	19.73	98.7
COBALT	100.0	95.00	95.0
LEAD	6.0	5.89	98.2
MANGANESE	30.0	28.74	95.8
NICKEL	80.0	77.45	96.8
SELENIUM	10.0	8.87	88.7
SILVER	20.0	18.58	92.9
THALLIUM	20.0	17.30	86.5
VANADIUM	100.0	93.45	93.5
ZINC	40.0	38.81	97.0

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRA

File: HVL29A Dec 29, 2005 10:08

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.21	105.0

2B

CRDL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CRA

File: HWA03A Jan 03, 2006 16:11

Analyte	TRUE	FOUND	% R
MERCURY	0.2	0.20	100.0

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: BVL18A Dec 18, 2005 12:15 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	332.40	110.8
BARIUM	5.0	7.43	148.6
BERYLLIUM	5.0	5.40	108.0
CADMIUM	10.0	9.07	90.7
CALCIUM	50.0	68.58	137.2
COBALT	30.0	28.66	95.5
COPPER	25.0	23.21	92.8
IRON	100.0	116.06	116.1
MAGNESIUM	50.0	47.47	94.9
MANGANESE	5.0	6.16	123.2
NICKEL	40.0	39.02	97.5
POTASSIUM	2000.0	1436.06	71.8
SILVER	15.0	14.43	96.2
SODIUM	1000.0	1108.90	110.9
VANADIUM	25.0	25.16	100.6
ZINC	25.0	24.89	99.6

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: BVL29B Dec 29, 2005 18:31 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	347.13	115.7
BARIUM	5.0	5.12	102.4
BERYLLIUM	5.0	4.92	98.4
CADMIUM	10.0	12.26	122.6
CALCIUM	50.0	69.63	139.3
COBALT	30.0	28.96	96.5
COPPER	25.0	25.98	103.9
IRON	100.0	116.20	116.2
MAGNESIUM	50.0	49.74	99.5
MANGANESE	5.0	5.74	114.8
NICKEL	40.0	47.24	118.1
POTASSIUM	2000.0	1766.55	88.3
SILVER	15.0	22.24	148.3
SODIUM	1000.0	870.24	87.0
VANADIUM	25.0	29.52	118.1
ZINC	25.0	26.85	107.4

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: BVL30A Dec 30, 2005 11:23 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	335.53	111.8
BARIUM	5.0	4.79	95.8
BERYLLIUM	5.0	4.56	91.2
CADMIUM	10.0	11.56	115.6
CALCIUM	50.0	67.54	135.1
COBALT	30.0	31.44	104.8
COPPER	25.0	25.97	103.9
IRON	100.0	101.44	101.4
MAGNESIUM	50.0	46.70	93.4
MANGANESE	5.0	5.04	100.8
NICKEL	40.0	41.45	103.6
POTASSIUM	2000.0	1894.20	94.7
SILVER	15.0	15.25	101.7
VANADIUM	25.0	21.47	85.9
ZINC	25.0	26.47	105.9

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: FVL30A Dec 30, 2005 13:09 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	62.88	104.8
ANTIMONY	0.2	0.21	105.0
ARSENIC	1.0	0.89	89.0
CALCIUM	20.0	20.34	101.7
CHROMIUM	0.6	0.48	80.0
IRON	20.0	17.97	89.8
LEAD	0.2	0.17	85.0
MAGNESIUM	20.0	20.01	100.1
MOLYBDENUM	1.0	0.92	92.0
POTASSIUM	200.0	200.70	100.3
SELENIUM	1.0	0.97	97.0
SODIUM	200.0	209.20	104.6
THALLIUM	0.4	0.31	77.5

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: FWA05A Jan 05, 2006 12:37 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	62.51	104.2
ANTIMONY	0.2	0.23	115.0
ARSENIC	1.0	0.90	90.0
BARIUM	0.2	0.17	85.0
CADMIUM	0.2	0.20	100.0
CALCIUM	20.0	20.77	103.8
CHROMIUM	0.6	0.62	103.3
COBALT	0.2	0.19	95.0
IRON	20.0	20.60	103.0
LEAD	0.2	0.19	95.0
MAGNESIUM	20.0	21.22	106.1
MANGANESE	0.2	0.20	100.0
MOLYBDENUM	1.0	1.02	102.0
NICKEL	0.2	0.21	105.0
POTASSIUM	200.0	210.30	105.2
SELENIUM	1.0	0.89	89.0
SILVER	0.2	0.14	70.0
SODIUM	200.0	214.30	107.2
THALLIUM	0.4	0.35	87.5
VANADIUM	1.0	0.93	93.0
ZINC	2.0	2.00	100.0

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

SAMPLE: PQL

File: FWA06A Jan 06, 2006 14:47 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	60.0	65.02	108.4
CALCIUM	20.0	21.47	107.3
IRON	20.0	21.28	106.4
MAGNESIUM	20.0	21.60	108.0
MOLYBDENUM	1.0	1.04	104.0
POTASSIUM	200.0	214.00	107.0
SODIUM	200.0	219.40	109.7

2C

PQL STANDARD FOR AA AND ICP

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

SAMPLE: PQL

File: BWA05A Jan 05, 2006 12:40 Concentration Units: ug/L

Analyte	TRUE	FOUND	% R
ALUMINUM	300.0	296.82	98.9
CALCIUM	50.0	61.14	122.3
IRON	100.0	108.71	108.7
MAGNESIUM	50.0	66.69	133.4

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: BVL18A Dec 18, 2005 12:09

Analyte	Result	C
ALUMINUM	-10.07	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	-12.46	I
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	43.78	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL18A Dec 18, 2005 12:51

Analyte	Result	C
ALUMINUM	27.76	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	37.08	I
COBALT	3.05	U
COPPER	2.86	U
IRON	11.99	I
MAGNESIUM	27.20	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	33.80	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL18A Dec 18, 2005 14:02

Analyte	Result	C
ALUMINUM	19.90	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	39.58	I
COBALT	3.05	U
COPPER	2.86	U
IRON	12.87	I
MAGNESIUM	36.35	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	-558.81	I
SILVER	4.40	U
SODIUM	54.76	I
VANADIUM	4.88	U
ZINC	1.74	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL18A Dec 18, 2005 15:13

Analyte	Result	C
ALUMINUM	12.23	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	41.38	I
COBALT	3.05	U
COPPER	2.86	U
IRON	15.48	I
MAGNESIUM	39.19	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	70.07	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL18A Dec 18, 2005 16:23

Analyte	Result	C
ALUMINUM	13.55	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	22.92	I
COBALT	3.05	U
COPPER	2.86	U
IRON	9.99	I
MAGNESIUM	26.00	U
MANGANESE	0.96	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	82.36	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: BVL29B Dec 29, 2005 18:25

Analyte	Result	C
ALUMINUM	7.13	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	8.32	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	5.86	I
SODIUM	-156.73	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 29, 2005 19:07

Analyte	Result	C
ALUMINUM	61.03	I
BARIUM	1.17	U
BERYLLIUM	0.78	I
CADMIUM	4.36	U
CALCIUM	76.66	
COBALT	3.05	U
COPPER	2.86	U
IRON	32.59	I
MAGNESIUM	79.57	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-221.24	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 29, 2005 20:18

Analyte	Result	C
ALUMINUM	69.70	I
BARIUM	1.17	U
BERYLLIUM	0.61	I
CADMIUM	4.36	U
CALCIUM	68.69	
COBALT	3.05	U
COPPER	2.86	U
IRON	28.56	I
MAGNESIUM	72.92	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	7.37	I
SODIUM	-85.92	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL29B Dec 29, 2005 21:22

Analyte	Result	C
ALUMINUM	55.24	I
BARIUM	1.17	U
BERYLLIUM	0.83	I
CADMIUM	4.36	U
CALCIUM	67.31	
COBALT	3.05	U
COPPER	2.86	U
IRON	31.91	I
MAGNESIUM	58.68	
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	7.85	I
SODIUM	-340.25	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 29, 2005 22:10

Analyte	Result	C
ALUMINUM	15.94	I
BARIUM	1.17	U
BERYLLIUM	0.68	I
CADMIUM	4.36	U
CALCIUM	34.94	I
COBALT	3.05	U
COPPER	2.86	U
IRON	18.34	I
MAGNESIUM	38.34	I
MANGANESE	0.85	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	6.72	I
SODIUM	-612.60	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 29, 2005 23:21

Analyte	Result	C
ALUMINUM	53.76	I
BARIUM	1.17	U
BERYLLIUM	1.04	I
CADMIUM	4.36	U
CALCIUM	53.86	
COBALT	3.05	U
COPPER	2.86	U
IRON	33.70	I
MAGNESIUM	76.11	
MANGANESE	0.85	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	9.48	I
SODIUM	-655.38	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL29B Dec 30, 2005 0:14

Analyte	Result	C
ALUMINUM	52.31	I
BARIUM	1.17	U
BERYLLIUM	1.07	I
CADMIUM	4.36	U
CALCIUM	56.54	
COBALT	3.05	U
COPPER	2.86	U
IRON	36.76	I
MAGNESIUM	77.60	
MANGANESE	1.18	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	11.19	I
SODIUM	-675.82	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 30, 2005 1:19

Analyte	Result	C
ALUMINUM	2.73	U
BARIUM	1.38	I
BERYLLIUM	0.65	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	11.07	I
MAGNESIUM	42.78	I
MANGANESE	0.84	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	12.86	I
SODIUM	-740.11	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 30, 2005 2:30

Analyte	Result	C
ALUMINUM	27.04	I
BARIUM	1.17	U
BERYLLIUM	0.82	I
CADMIUM	4.36	U
CALCIUM	22.56	I
COBALT	3.05	U
COPPER	-3.95	I
IRON	12.74	I
MAGNESIUM	35.96	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
SODIUM	-759.43	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL29B Dec 30, 2005 3:35

Analyte	Result	C
ALUMINUM	-6.83	I
BARIUM	1.17	U
BERYLLIUM	0.81	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	15.52	I
MAGNESIUM	33.15	I
MANGANESE	1.01	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.54	I
SODIUM	-768.57	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL29B Dec 30, 2005 4:04

Analyte	Result	C
ALUMINUM	-13.61	I
BARIUM	1.17	U
BERYLLIUM	0.56	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	6.48	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.51	I
SODIUM	-745.57	I
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: BVL30A Dec 30, 2005 11:17

Analyte	Result	C
ALUMINUM	22.58	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	-1.01	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 12:15

Analyte	Result	C
ALUMINUM	35.30	I
BARIUM	1.17	U
BERYLLIUM	-0.79	I
CADMIUM	4.36	U
CALCIUM	26.45	I
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	-0.70	I
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 13:26

Analyte	Result	C
ALUMINUM	49.09	I
BARIUM	1.98	I
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	29.33	I
COBALT	3.05	U
COPPER	2.86	U
IRON	6.39	I
MAGNESIUM	42.10	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	685.77	I
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL30A Dec 30, 2005 14:36

Analyte	Result	C
ALUMINUM	25.51	I
BARIUM	1.17	U
BERYLLIUM	-0.39	I
CADMIUM	4.36	U
CALCIUM	25.65	I
COBALT	3.05	U
COPPER	2.86	U
IRON	7.30	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	3.12	I

SAMPLE: CCB

File: BVL30A Dec 30, 2005 14:56

Analyte	Result	C
ALUMINUM	39.33	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	420.00	U
SILVER	5.04	I
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 16:06

Analyte	Result	C
ALUMINUM	15.56	I
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	27.45	I
COBALT	3.05	U
COPPER	2.86	U
IRON	8.23	I
MAGNESIUM	32.68	I
MANGANESE	-0.99	I
NICKEL	11.70	U
POTASSIUM	953.98	I
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: BVL30A Dec 30, 2005 17:17

Analyte	Result	C
ALUMINUM	8.24	I
BARIUM	1.17	U
BERYLLIUM	0.36	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	3.93	I
MAGNESIUM	30.30	I
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	519.03	I
SILVER	4.40	U
VANADIUM	4.88	U
ZINC	1.74	U

SAMPLE: CCB

File: BVL30A Dec 30, 2005 18:28

Analyte	Result	C
ALUMINUM	-15.55	I
BARIUM	1.17	U
BERYLLIUM	0.45	I
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	2.86	U
IRON	7.62	I
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	842.34	I
SILVER	6.50	I
VANADIUM	4.88	U
ZINC	2.00	I

SAMPLE: CCB

File: BVL30A Dec 30, 2005 19:39

Analyte	Result	C
ALUMINUM	2.73	U
BARIUM	1.17	U
BERYLLIUM	0.29	U
CADMIUM	4.36	U
CALCIUM	21.40	U
COBALT	3.05	U
COPPER	-4.83	I
IRON	3.79	U
MAGNESIUM	26.00	U
MANGANESE	0.70	U
NICKEL	11.70	U
POTASSIUM	747.63	I
SILVER	6.92	I
VANADIUM	4.88	U
ZINC	1.74	U

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: FVL30A Dec 30, 2005 13:01

Analyte	Result	C
ALUMINUM	5.94	I
ANTIMONY	0.08	I
ARSENIC	0.26	U
CALCIUM	8.30	I
CHROMIUM	0.04	I
IRON	6.06	I
LEAD	0.03	I
MAGNESIUM	5.36	I
MOLYBDENUM	0.18	I
POTASSIUM	9.46	I
SELENIUM	0.60	I
SODIUM	6.22	I
THALLIUM	0.05	I

SAMPLE: CCB

File: FVL30A Dec 30, 2005 14:11

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.11	I
ARSENIC	0.26	U
CALCIUM	4.16	I
CHROMIUM	0.06	I
IRON	4.32	I
LEAD	0.01	U
MAGNESIUM	2.50	I
MOLYBDENUM	0.24	I
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	7.14	I
THALLIUM	0.03	U

SAMPLE: CCB

File: FVL30A Dec 30, 2005 15:05

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.04	I
ARSENIC	0.26	U
CALCIUM	3.44	U
CHROMIUM	0.05	I
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	1.95	U
THALLIUM	0.03	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB
File: FVL30A Dec 30, 2005 16:37

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.02	I
ARSENIC	0.26	U
CALCIUM	3.44	U
CHROMIUM	0.07	I
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	2.55	I
THALLIUM	0.04	I

SAMPLE: CCB
File: FVL30A Dec 30, 2005 18:10

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.02	I
ARSENIC	0.26	U
CALCIUM	5.27	I
CHROMIUM	0.07	I
IRON	5.52	I
LEAD	0.01	U
MAGNESIUM	1.77	I
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	3.07	I
THALLIUM	0.03	U

SAMPLE: CCB
File: FVL30A Dec 30, 2005 19:43

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.01	I
ARSENIC	0.26	U
CALCIUM	4.09	I
CHROMIUM	0.06	I
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	1.95	U
THALLIUM	0.03	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FVL30A Dec 30, 2005 21:16

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.01	U
ARSENIC	0.26	U
CALCIUM	3.56	I
CHROMIUM	0.04	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	1.95	U
THALLIUM	0.03	U

SAMPLE: CCB

File: FVL30A Dec 30, 2005 22:49

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.01	I
ARSENIC	0.26	U
CALCIUM	4.58	I
CHROMIUM	0.04	I
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	1.95	U
THALLIUM	0.06	I

SAMPLE: CCB

File: FVL30A Dec 31, 2005 0:22

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.01	I
ARSENIC	0.26	U
CALCIUM	4.71	I
CHROMIUM	0.04	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.08	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SODIUM	1.95	U
THALLIUM	0.03	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FVL30A Dec 31, 2005 1:09

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.03	I
ARSENIC	0.26	U
CALCIUM	8.83	I
CHROMIUM	0.04	U
IRON	4.97	I
LEAD	0.01	U
MAGNESIUM	2.92	I
MOLYBDENUM	0.34	I
POTASSIUM	6.65	I
SELENIUM	0.32	U
SODIUM	6.76	I
THALLIUM	0.03	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: FWA05A Jan 05, 2006 12:29

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.07	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	0.04	U
COBALT	0.01	U
IRON	3.72	U
LEAD	0.01	U
MAGNESIUM	1.31	U
MANGANESE	0.03	U
MOLYBDENUM	0.18	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	1.95	U
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.06	U

SAMPLE: CCB

File: FWA05A Jan 05, 2006 13:39

Analyte	Result	C
ALUMINUM	3.20	I
ANTIMONY	0.07	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	I
CALCIUM	6.09	I
CHROMIUM	0.04	U
COBALT	0.01	I
IRON	4.99	I
LEAD	0.01	I
MAGNESIUM	5.46	I
MANGANESE	0.03	U
MOLYBDENUM	0.90	I
NICKEL	0.01	U
POTASSIUM	6.82	I
SELENIUM	0.32	U
SILVER	0.01	I
SODIUM	9.31	I
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.07	I

SAMPLE: CCB

File: FWA05A Jan 05, 2006 14:02

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.10	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	I
CALCIUM	3.51	I
CHROMIUM	0.04	U
COBALT	0.01	U
IRON	3.89	I
LEAD	0.01	U
MAGNESIUM	3.27	I
MANGANESE	0.03	U
MOLYBDENUM	0.33	I
NICKEL	0.01	I
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	6.54	I
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.07	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA05A Jan 05, 2006 15:35

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.09	I
ARSENIC	0.26	U
BARIUM	0.02	I
CADMIUM	0.01	I
CALCIUM	3.44	U
CHROMIUM	0.04	U
COBALT	0.02	I
IRON	3.72	U
LEAD	0.02	I
MAGNESIUM	2.51	I
MANGANESE	0.27	I
MOLYBDENUM	0.16	I
NICKEL	0.02	I
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	3.88	I
THALLIUM	0.13	I
VANADIUM	0.07	U
ZINC	0.15	I

SAMPLE: CCB

File: FWA05A Jan 05, 2006 17:07

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.07	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	0.04	U
COBALT	0.01	U
IRON	3.72	U
LEAD	0.05	I
MAGNESIUM	1.31	U
MANGANESE	0.10	I
MOLYBDENUM	0.09	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	1.95	U
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.11	I

SAMPLE: CCB

File: FWA05A Jan 05, 2006 18:40

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.04	I
ARSENIC	0.26	U
BARIUM	0.02	I
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	0.04	I
COBALT	0.01	U
IRON	3.72	U
LEAD	0.02	I
MAGNESIUM	1.31	U
MANGANESE	0.15	I
MOLYBDENUM	0.13	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	2.03	I
THALLIUM	0.12	I
VANADIUM	0.07	U
ZINC	0.09	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA05A Jan 05, 2006 20:13

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.05	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	3.44	U
CHROMIUM	0.04	U
COBALT	0.01	U
IRON	3.72	U
LEAD	0.02	I
MAGNESIUM	1.43	I
MANGANESE	0.11	I
MOLYBDENUM	0.09	I
NICKEL	0.01	U
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	2.01	I
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.07	I

SAMPLE: CCB

File: FWA05A Jan 05, 2006 21:31

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.06	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	3.65	I
CHROMIUM	0.13	I
COBALT	0.01	I
IRON	5.18	I
LEAD	0.02	I
MAGNESIUM	1.43	I
MANGANESE	0.14	I
MOLYBDENUM	0.17	I
NICKEL	0.01	I
POTASSIUM	6.46	I
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	2.16	I
THALLIUM	0.13	I
VANADIUM	0.07	U
ZINC	0.06	U

SAMPLE: CCB

File: FWA05A Jan 05, 2006 22:48

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.05	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	3.96	I
CHROMIUM	0.08	I
COBALT	0.01	U
IRON	4.00	I
LEAD	0.01	I
MAGNESIUM	1.78	I
MANGANESE	0.13	I
MOLYBDENUM	0.12	I
NICKEL	0.01	I
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	3.64	I
THALLIUM	0.09	I
VANADIUM	0.07	U
ZINC	0.08	I

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA05A Jan 05, 2006 23:43

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.06	I
ARSENIC	0.26	U
BARIUM	0.05	I
CADMIUM	0.02	I
CALCIUM	7.54	I
CHROMIUM	0.05	I
COBALT	0.02	I
IRON	6.64	I
LEAD	0.16	I
MAGNESIUM	3.24	I
MANGANESE	0.20	I
MOLYBDENUM	0.13	I
NICKEL	0.02	I
POTASSIUM	6.41	U
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	4.19	I
THALLIUM	0.06	I
VANADIUM	0.07	U
ZINC	0.19	I

SAMPLE: CCB

File: FWA05A Jan 06, 2006 0:29

Analyte	Result	C
ALUMINUM	3.07	U
ANTIMONY	0.07	I
ARSENIC	0.26	U
BARIUM	0.02	U
CADMIUM	0.01	U
CALCIUM	6.24	I
CHROMIUM	0.10	I
COBALT	0.01	U
IRON	7.39	I
LEAD	0.06	I
MAGNESIUM	3.40	I
MANGANESE	0.13	I
MOLYBDENUM	1.02	I
NICKEL	0.01	U
POTASSIUM	7.78	I
SELENIUM	0.32	U
SILVER	0.01	U
SODIUM	6.98	I
THALLIUM	0.03	U
VANADIUM	0.07	U
ZINC	0.08	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: FWA06A Jan 06, 2006 14:40

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	1.31	U
MOLYBDENUM	0.23	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FWA06A Jan 06, 2006 15:49

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	3.08	I
MOLYBDENUM	0.97	I
POTASSIUM	6.41	U
SODIUM	6.26	I

SAMPLE: CCB

File: FWA06A Jan 06, 2006 16:28

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	2.60	I
MOLYBDENUM	0.27	I
POTASSIUM	6.41	U
SODIUM	5.79	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA06A Jan 06, 2006 18:01

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	1.90	I
MOLYBDENUM	0.21	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FWA06A Jan 06, 2006 19:33

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.91	I
MAGNESIUM	1.58	I
MOLYBDENUM	0.18	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FWA06A Jan 06, 2006 21:06

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	1.58	I
MOLYBDENUM	0.18	I
POTASSIUM	6.41	U
SODIUM	1.95	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA06A Jan 06, 2006 22:39

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	4.17	I
MAGNESIUM	1.61	I
MOLYBDENUM	0.16	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FWA06A Jan 07, 2006 0:13

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	1.47	I
MOLYBDENUM	0.19	I
POTASSIUM	6.41	U
SODIUM	1.95	U

SAMPLE: CCB

File: FWA06A Jan 07, 2006 1:23

Analyte	Result	C
ALUMINUM	3.07	U
CALCIUM	3.44	U
IRON	3.72	U
MAGNESIUM	1.53	I
MOLYBDENUM	0.14	I
POTASSIUM	6.41	U
SODIUM	1.95	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: FWA06A Jan 07, 2006 2:09

Analyte	Result	C
ALUMINUM	11.71	I
CALCIUM	12.94	I
IRON	16.37	I
MAGNESIUM	13.42	I
MOLYBDENUM	1.37	I
POTASSIUM	14.35	I
SODIUM	17.43	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: HVL29A Dec 29, 2005 10:06

Analyte	Result	C
MERCURY	0.03	I

SAMPLE: CCB

File: HVL29A Dec 29, 2005 10:31

Analyte	Result	C
MERCURY	0.04	I

SAMPLE: CCB

File: HVL29A Dec 29, 2005 10:57

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: HVL29A Dec 29, 2005 11:12

Analyte	Result	C
MERCURY	0.07	I

SAMPLE: CCB

File: HVL29A Dec 29, 2005 11:21

Analyte	Result	C
MERCURY	0.05	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICB

File: HWA03A Jan 03, 2006 16:09

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 16:34

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:00

Analyte	Result	C
MERCURY	0.02	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:25

Analyte	Result	C
MERCURY	0.02	U

SAMPLE: CCB

File: HWA03A Jan 03, 2006 17:51

Analyte	Result	C
MERCURY	0.04	I

SAMPLE: CCB

File: HWA03A Jan 04, 2006 8:05

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: CCB

File: HWA03A Jan 04, 2006 8:39

Analyte	Result	C
MERCURY	0.02	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVL27ICS0

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL27ICS0

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	1.127	I
ANTIMONY	0.031	I
ARSENIC	-0.015	I
BARIUM	0.022	I
BERYLLIUM	0.043	I
CADMIUM	0.010	U
CALCIUM	2.207	I
CHROMIUM	0.360	I
COBALT	0.010	U
COPPER	0.290	U
IRON	7.365	I
LEAD	0.084	I
MAGNESIUM	2.600	U
MANGANESE	0.178	I
NICKEL	0.089	I
POTASSIUM	63.528	I
SELENIUM	0.010	U
SILVER	0.793	I
SODIUM	-59.237	I
THALLIUM	0.010	U
VANADIUM	0.045	I
ZINC	0.604	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSVL28HGS0

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL28HGS0

Concentration Units : mg/Kg

Analyte	RESULT	C
MERCURY	0.010	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL15ICW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL15ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	-28.050	I
ANTIMONY	4.110	U
ARSENIC	3.450	U
BARIUM	0.270	U
BERYLLIUM	0.290	U
CADMIUM	0.400	U
CALCIUM	21.400	U
CHROMIUM	1.010	U
COBALT	1.120	U
COPPER	-5.750	I
IRON	25.800	U
LEAD	1.650	U
MAGNESIUM	12.100	U
MANGANESE	0.220	U
NICKEL	1.530	U
POTASSIUM	420.000	U
SELENIUM	3.590	U
SILVER	1.040	U
SODIUM	48.480	I
THALLIUM	6.130	U
VANADIUM	4.880	U
ZINC	0.590	U

RB only

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL28ICW0

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL28ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	-17.510	I
ANTIMONY	0.319	I
ARSENIC	0.915	I
BARIUM	1.170	U
BERYLLIUM	0.420	I
CADMIUM	4.360	U
CALCIUM	21.400	U
CHROMIUM	2.195	I
COBALT	3.050	U
COPPER	2.860	U
IRON	4.660	I
LEAD	0.329	I
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	11.700	U
POTASSIUM	537.590	I
SELENIUM	0.183	I
SILVER	4.400	U
SODIUM	-727.540	I
THALLIUM	-0.035	I
VANADIUM	4.880	U
ZINC	1.740	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVL29ICW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL29ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	41.480	I
ANTIMONY	0.574	I
ARSENIC	-0.046	I
BARIUM	1.390	I
BERYLLIUM	-0.370	I
CADMIUM	4.360	U
CALCIUM	47.885	I
CHROMIUM	2.352	I
COBALT	3.050	U
COPPER	2.860	U
IRON	3.790	U
LEAD	0.251	I
MAGNESIUM	26.000	U
MANGANESE	0.700	U
NICKEL	11.700	U
POTASSIUM	827.130	I
SELENIUM	0.741	I
SILVER	4.400	U
SODIUM	36.515	I
THALLIUM	0.322	I
VANADIUM	4.880	U
ZINC	2.190	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03HGW0

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: WA03HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.041	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA03HGW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: WA03HGW1

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.033	I

Katahdin
ANALYTICAL SERVICES

EXTRACTION FLUID BLANK REPORT

Sample ID: PBT693A

Element Name	Result	Units	Flag	PQL	File
ALUMINUM	0.05	mg/L	J	0.30	AVL05B
ANTIMONY	0.004	mg/L	U	0.008	AVL05B
ARSENIC	0.003	mg/L	U	0.008	AVL05B
BARIUM	0.0003	mg/L	U	0.0050	AVL05B
BERYLLIUM	0.0004	mg/L	U	0.0050	AVL05B
CADMIUM	0.0004	mg/L	U	0.0100	AVL05B
CHROMIUM	0.001	mg/L	U	0.015	AVL05B
COBALT	0.001	mg/L	U	0.030	AVL05B
COPPER	0.002	mg/L	U	0.025	AVL05B
IRON	0.02	mg/L	U	0.10	AVL05B
LEAD	0.002	mg/L	U	0.005	AVL05B
MANGANESE	0.0008	mg/L	J	0.0050	AVL05B
MERCURY	0.02	ug/L	U	0.20	HVL02B
NICKEL	0.002	mg/L	U	0.040	AVL05B
SELENIUM	0.004	mg/L	U	0.010	AVL05B
SILVER	0.002	mg/L	J	0.015	AVL05B
THALLIUM	0.006	mg/L	U	0.015	AVL05B
TIN	0.003	mg/L	U	0.100	AVL05B
VANADIUM	0.001	mg/L	U	0.025	AVL05B
ZINC	0.0024	mg/L	J	0.0250	AVL05B

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

Katahdin
ANALYTICAL SERVICES

EXTRACTION FLUID BLANK REPORT

Sample ID: PBT697A

Element Name	Result	Units	Flag	PQL	File
ALUMINUM	0.003	mg/L	U	0.300	BVL30A
ANTIMONY	0.00003	mg/L	J	0.00800	FWA05A
ARSENIC	0.003	mg/L	J	0.0080	FWA05A
BARIUM	0.001	mg/L	U	0.005	BVL30A
BERYLLIUM	0.0003	mg/L	U	0.0050	BVL30A
CADMIUM	0.004	mg/L	U	0.010	BVL30A
CALCIUM	0.02	mg/L	U	0.05	BVL30A
CHROMIUM	0.0044	mg/L	J	0.0150	FWA05A
COBALT	0.003	mg/L	U	0.030	BVL30A
COPPER	0.003	mg/L	U	0.025	BVL30A
IRON	0.004	mg/L	U	0.100	BVL30A
LEAD	0.002	mg/L	J	0.00500	FWA05A
MAGNESIUM	0.03	mg/L	U	0.05	BVL30A
MANGANESE	0.0007	mg/L	U	0.0050	BVL30A
MERCURY	0.02	ug/L	U	0.20	HWA03A
NICKEL	0.01	mg/L	U	0.04	BVL30A
POTASSIUM	0.6	mg/L	J	2.0	BVL30A
SELENIUM	0.004	mg/L	J	0.0100	FWA05A
SILVER	0.004	mg/L	U	0.015	BVL30A
SODIUM	0.08	mg/L	J	1.00	FWA05A
THALLIUM	0.0005	mg/L	J	0.0150	FWA05A
TIN	0.0006	mg/L	J	0.100	FWA05A
VANADIUM	0.005	mg/L	U	0.025	BVL30A
ZINC	0.002	mg/L	U	0.025	BVL30A

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Fe only

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICB

File: BWA05A Jan 05, 2006 12:34

Analyte	Result	C
ALUMINUM	-8.09	I
CALCIUM	21.40	U
IRON	9.02	I
MAGNESIUM	26.00	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 13:19

Analyte	Result	C
ALUMINUM	42.32	I
CALCIUM	56.55	
IRON	23.88	I
MAGNESIUM	66.15	

SAMPLE: CCB

File: BWA05A Jan 05, 2006 14:24

Analyte	Result	C
ALUMINUM	39.43	I
CALCIUM	54.01	
IRON	19.82	I
MAGNESIUM	62.56	

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 15:34

Analyte	Result	C
ALUMINUM	22.54	I
CALCIUM	41.15	I
IRON	15.11	I
MAGNESIUM	36.10	I

SAMPLE: CCB

File: BWA05A Jan 05, 2006 16:39

Analyte	Result	C
ALUMINUM	7.96	I
CALCIUM	36.15	I
IRON	15.24	I
MAGNESIUM	31.65	I

SAMPLE: CCB

File: BWA05A Jan 05, 2006 17:50

Analyte	Result	C
ALUMINUM	4.34	I
CALCIUM	21.40	U
IRON	5.61	I
MAGNESIUM	26.00	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 19:01

Analyte	Result	C
ALUMINUM	16.65	I
CALCIUM	40.99	I
IRON	15.92	I
MAGNESIUM	39.41	I

SAMPLE: CCB

File: BWA05A Jan 05, 2006 20:12

Analyte	Result	C
ALUMINUM	38.04	I
CALCIUM	42.76	I
IRON	20.55	I
MAGNESIUM	51.93	

SAMPLE: CCB

File: BWA05A Jan 05, 2006 21:23

Analyte	Result	C
ALUMINUM	12.68	I
CALCIUM	92.99	
IRON	36.69	I
MAGNESIUM	26.00	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 05, 2006 22:34

Analyte	Result	C
ALUMINUM	-11.05	I
CALCIUM	21.40	U
IRON	5.53	I
MAGNESIUM	26.00	U

SAMPLE: CCB

File: BWA05A Jan 05, 2006 23:45

Analyte	Result	C
ALUMINUM	-15.43	I
CALCIUM	22.24	I
IRON	11.80	I
MAGNESIUM	33.48	I

SAMPLE: CCB

File: BWA05A Jan 06, 2006 0:56

Analyte	Result	C
ALUMINUM	14.80	I
CALCIUM	25.91	I
IRON	13.00	I
MAGNESIUM	33.80	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: CCB

File: BWA05A Jan 06, 2006 1:26

Analyte	Result	C
ALUMINUM	52.09	I
CALCIUM	38.82	I
IRON	23.57	I
MAGNESIUM	55.23	

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWWA04ICW0

Matrix: WATER **SDG Name:** CTO333-4

QC Batch ID: WA04ICW0

Concentration Units : ug/L

Analyte	RESULT	C
IRON	-17.990	I

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL18A Dec 18, 2005 12:33

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	529690	105.9
BARIUM	0	0	
BERYLLIUM	0	0	
CADMIUM	0	3	
CALCIUM	500000	517590	103.5
COBALT	0	-10	
COPPER	0	-9	
IRON	200000	202124	101.1
MAGNESIUM	500000	525429	105.1
MANGANESE	4	5	
NICKEL	0	1	
POTASSIUM	0	-391	
SILVER	0	1	
SODIUM	0	-57	
VANADIUM	0	-1	
ZINC	4	-6	

SAMPLE: ICSAB

File: BVL18A Dec 18, 2005 12:39

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	508421	101.7
BARIUM	500	490	98.0
BERYLLIUM	500	491	98.2
CADMIUM	1000	973	97.3
CALCIUM	500000	497869	99.6
COBALT	500	455	91.0
COPPER	500	475	95.0
IRON	200000	194335	97.2
MAGNESIUM	500000	506222	101.2
MANGANESE	504	491	97.4
NICKEL	1000	955	95.5
POTASSIUM	20000	19925	99.6
SILVER	200	204	102.0
SODIUM	20000	20671	103.4
VANADIUM	500	484	96.8
ZINC	1004	952	94.8

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL18A Dec 18, 2005 16:06

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	514518	102.9
BARIUM	0	0	
BERYLLIUM	0	0	
CADMIUM	0	1	
CALCIUM	500000	507813	101.6
COBALT	0	-9	
COPPER	0	-8	
IRON	200000	196020	98.0
MAGNESIUM	500000	510594	102.1
MANGANESE	4	4	
NICKEL	0	8	
POTASSIUM	0	-275	
SILVER	0	3	
SODIUM	0	-71	
VANADIUM	0	-4	
ZINC	4	-7	

SAMPLE: ICSAB

File: BVL18A Dec 18, 2005 16:12

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	514243	102.8
BARIUM	500	500	100.0
BERYLLIUM	500	492	98.4
CADMIUM	1000	994	99.4
CALCIUM	500000	506635	101.3
COBALT	500	452	90.4
COPPER	500	481	96.2
IRON	200000	196218	98.1
MAGNESIUM	500000	511230	102.2
MANGANESE	504	497	98.6
NICKEL	1000	961	96.1
POTASSIUM	20000	20709	103.5
SILVER	200	214	107.0
SODIUM	20000	21521	107.6
VANADIUM	500	490	98.0
ZINC	1004	976	97.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL29B Dec 29, 2005 18:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516544	103.3
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	2	
CALCIUM	500000	487435	97.5
COBALT	0	-8	
COPPER	0	-7	
IRON	200000	191303	95.7
MAGNESIUM	500000	501479	100.3
MANGANESE	4	2	
NICKEL	0	7	
POTASSIUM	0	-300	
SILVER	0	3	
SODIUM	0	-436	
VANADIUM	0	-3	
ZINC	4	-5	

SAMPLE: ICSAB

File: BVL29B Dec 29, 2005 18:55

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	526878	105.4
BARIUM	500	522	104.4
BERYLLIUM	500	514	102.8
CADMIUM	1000	1017	101.7
CALCIUM	500000	496201	99.2
COBALT	500	462	92.4
COPPER	500	505	101.0
IRON	200000	195081	97.5
MAGNESIUM	500000	510833	102.2
MANGANESE	504	515	102.2
NICKEL	1000	981	98.1
POTASSIUM	20000	20238	101.2
SILVER	200	215	107.5
SODIUM	20000	20867	104.3
VANADIUM	500	500	100.0
ZINC	1004	991	98.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL29B Dec 29, 2005 21:52

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	535269	107.1
BARIUM	0	0	
BERYLLIUM	0	1	
CADMIUM	0	1	
CALCIUM	500000	471510	94.3
COBALT	0	-7	
COPPER	0	-8	
IRON	200000	190139	95.1
MAGNESIUM	500000	495468	99.1
MANGANESE	4	4	
NICKEL	0	3	
POTASSIUM	0	115	
SILVER	0	1	
SODIUM	0	-610	
VANADIUM	0	-5	
ZINC	4	-3	

SAMPLE: ICSAB

File: BVL29B Dec 29, 2005 21:58

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	533558	106.7
BARIUM	500	526	105.2
BERYLLIUM	500	506	101.2
CADMIUM	1000	1016	101.6
CALCIUM	500000	469418	93.9
COBALT	500	442	88.4
COPPER	500	508	101.6
IRON	200000	189655	94.8
MAGNESIUM	500000	493906	98.8
MANGANESE	504	508	100.8
NICKEL	1000	962	96.2
POTASSIUM	20000	20660	103.3
SILVER	200	216	108.0
SODIUM	20000	21051	105.3
VANADIUM	500	489	97.8
ZINC	1004	968	96.4

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL29B Dec 30, 2005 01:01

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	530272	106.1
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	4	
CALCIUM	500000	453413	90.7
COBALT	0	-6	
COPPER	0	-11	
IRON	200000	186842	93.4
MAGNESIUM	500000	482705	96.5
MANGANESE	4	4	
NICKEL	0	15	
POTASSIUM	0	-290	
SILVER	0	2	
SODIUM	0	-783	
VANADIUM	0	-5	
ZINC	4	-2	

SAMPLE: ICSAB

File: BVL29B Dec 30, 2005 01:07

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	530461	106.1
BARIUM	500	517	103.4
BERYLLIUM	500	502	100.4
CADMIUM	1000	1000	100.0
CALCIUM	500000	452200	90.4
COBALT	500	437	87.4
COPPER	500	502	100.4
IRON	200000	186352	93.2
MAGNESIUM	500000	482217	96.4
MANGANESE	504	502	99.6
NICKEL	1000	934	93.4
POTASSIUM	20000	21493	107.5
SILVER	200	212	106.0
SODIUM	20000	20398	102.0
VANADIUM	500	479	95.8
ZINC	1004	946	94.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL29B Dec 30, 2005 03:46

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	529381	105.9
BARIUM	0	1	
BERYLLIUM	0	1	
CADMIUM	0	3	
CALCIUM	500000	446480	89.3
COBALT	0	-9	
COPPER	0	-11	
IRON	200000	186518	93.3
MAGNESIUM	500000	479781	96.0
MANGANESE	4	4	
NICKEL	0	19	
POTASSIUM	0	-627	
SILVER	0	2	
SODIUM	0	-874	
VANADIUM	0	-3	
ZINC	4	-4	

SAMPLE: ICSAB

File: BVL29B Dec 30, 2005 03:52

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	542761	108.6
BARIUM	500	517	103.4
BERYLLIUM	500	508	101.6
CADMIUM	1000	1000	100.0
CALCIUM	500000	456203	91.2
COBALT	500	445	89.0
COPPER	500	506	101.2
IRON	200000	190190	95.1
MAGNESIUM	500000	491379	98.3
MANGANESE	504	509	101.0
NICKEL	1000	946	94.6
POTASSIUM	20000	21734	108.7
SILVER	200	213	106.5
SODIUM	20000	20732	103.7
VANADIUM	500	485	97.0
ZINC	1004	941	93.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 11:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	513106	102.6
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	2	
CALCIUM	500000	515959	103.2
COBALT	0	-6	
COPPER	0	-3	
IRON	200000	199334	99.7
MAGNESIUM	500000	518570	103.7
MANGANESE	4	2	
NICKEL	0	-1	
POTASSIUM	0	-25	
SILVER	0	1	
VANADIUM	0	3	
ZINC	4	-8	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 12:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	504297	100.9
BARIUM	500	506	101.2
BERYLLIUM	500	491	98.2
CADMIUM	1000	1025	102.5
CALCIUM	500000	509082	101.8
COBALT	500	489	97.8
COPPER	500	490	98.0
IRON	200000	196551	98.3
MAGNESIUM	500000	511352	102.3
MANGANESE	504	491	97.4
NICKEL	1000	978	97.8
POTASSIUM	20000	19637	98.2
SILVER	200	210	105.0
VANADIUM	500	500	100.0
ZINC	1004	984	98.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 15:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	519005	103.8
BARIUM	0	1	
BERYLLIUM	0	0	
CADMIUM	0	4	
CALCIUM	500000	510031	102.0
COBALT	0	-6	
COPPER	0	-8	
IRON	200000	195764	97.9
MAGNESIUM	500000	517260	103.5
MANGANESE	4	-1	
NICKEL	0	5	
POTASSIUM	0	255	
SILVER	0	6	
VANADIUM	0	0	
ZINC	4	-3	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 15:55

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	517247	103.4
BARIUM	500	526	105.2
BERYLLIUM	500	494	98.8
CADMIUM	1000	1042	104.2
CALCIUM	500000	503688	100.7
COBALT	500	467	93.4
COPPER	500	499	99.8
IRON	200000	195793	97.9
MAGNESIUM	500000	508773	101.8
MANGANESE	504	496	98.4
NICKEL	1000	964	96.4
POTASSIUM	20000	20179	100.9
SILVER	200	215	107.5
VANADIUM	500	493	98.6
ZINC	1004	997	99.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: BVL30A Dec 30, 2005 19:21

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	527591	105.5
BARIUM	0	0	
BERYLLIUM	0	0	
CADMIUM	0	4	
CALCIUM	500000	483236	96.6
COBALT	0	-6	
COPPER	0	-12	
IRON	200000	188764	94.4
MAGNESIUM	500000	500600	100.1
MANGANESE	4	-2	
NICKEL	0	8	
POTASSIUM	0	353	
SILVER	0	0	
VANADIUM	0	-5	
ZINC	4	0	

SAMPLE: ICSAB

File: BVL30A Dec 30, 2005 19:27

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	524354	104.9
BARIUM	500	528	105.6
BERYLLIUM	500	491	98.2
CADMIUM	1000	1031	103.1
CALCIUM	500000	480608	96.1
COBALT	500	442	88.4
COPPER	500	500	100.0
IRON	200000	188533	94.3
MAGNESIUM	500000	498692	99.7
MANGANESE	504	495	98.2
NICKEL	1000	929	92.9
POTASSIUM	20000	20552	102.8
SILVER	200	217	108.5
VANADIUM	500	487	97.4
ZINC	1004	983	97.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FVL30A Dec 30, 2005 13:40

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	87920	87.9
ANTIMONY	0	1	
ARSENIC	0	0	
CALCIUM	100000	95540	95.5
CHROMIUM	0	3	
IRON	100000	96950	97.0
LEAD	1	10	
MAGNESIUM	100000	92650	92.7
MOLYBDENUM	2000	1896	94.8
POTASSIUM	100000	89220	89.2
SELENIUM	0	1	
SODIUM	100000	0	0.0
THALLIUM	0	0	

SAMPLE: ICSAB

File: FVL30A Dec 30, 2005 13:47

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	93170	93.2
ANTIMONY	0	1	
ARSENIC	20	18	
CALCIUM	100000	101100	101.1
CHROMIUM	20	22	
IRON	100000	99170	99.2
LEAD	1	1	
MAGNESIUM	100000	99010	99.0
MOLYBDENUM	2000	1908	95.4
POTASSIUM	100000	94110	94.1
SELENIUM	0	2	
SODIUM	100000	93870	93.9
THALLIUM	0	0	

All Na results reported from this analytical run.
EMF 1/30/06

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FVL30A Dec 31, 2005 00:38

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	91780	91.8
ANTIMONY	0	(1)	
ARSENIC	0	0	
CALCIUM	100000	97690	97.7
CHROMIUM	0	(3)	
IRON	100000	96200	96.2
LEAD	1	10	
MAGNESIUM	100000	95940	95.9
MOLYBDENUM	2000	1966	98.3
POTASSIUM	100000	92110	92.1
SELENIUM	0	0	
SODIUM	100000	89680	89.7
THALLIUM	0	0	

SAMPLE: ICSAB

File: FVL30A Dec 31, 2005 00:46

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	92090	92.1
ANTIMONY	0	1	
ARSENIC	20	18	
CALCIUM	100000	98710	98.7
CHROMIUM	20	22	
IRON	100000	97650	97.7
LEAD	1	1	
MAGNESIUM	100000	96950	97.0
MOLYBDENUM	2000	1947	97.4
POTASSIUM	100000	92680	92.7
SELENIUM	0	1	
SODIUM	100000	90980	91.0
THALLIUM	0	0	

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA05A Jan 05, 2006 13:08

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94550	94.5
ANTIMONY	0	1	
ARSENIC	0	0	
BARIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	104400	104.4
CHROMIUM	0	3	
COBALT	0	0	
IRON	100000	101900	101.9
LEAD	1	10	
MAGNESIUM	100000	100300	100.3
MANGANESE	0	2	
MOLYBDENUM	2000	1871	93.5
NICKEL	0	1	
POTASSIUM	100000	99220	99.2
SELENIUM	0	1	
SILVER	0	0	
SODIUM	100000	98030	98.0
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	7	10	

SAMPLE: ICSAB

File: FWA05A Jan 05, 2006 13:15

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	91830	91.8
ANTIMONY	0	1	
ARSENIC	20	19	
BARIUM	0	0	
CADMIUM	20	17	
CALCIUM	100000	103400	103.4
CHROMIUM	20	23	
COBALT	20	20	
IRON	100000	101300	101.3
LEAD	1	1	
MAGNESIUM	100000	97090	97.1
MANGANESE	20	22	
MOLYBDENUM	2000	1859	93.0
NICKEL	20	20	
POTASSIUM	100000	98160	98.2
SELENIUM	0	1	
SILVER	20	17	
SODIUM	100000	93760	93.8
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	27	24	88.9

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA05A Jan 05, 2006 23:58

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	94280	94.3
ANTIMONY	0	(1)	
ARSENIC	0	0	
BARIUM	0	0	
CADMIUM	0	0	
CALCIUM	100000	106200	106.2
CHROMIUM	0	(3)	
COBALT	0	0	
IRON	100000	105200	105.2
LEAD	1	~~1~~ 0	
MAGNESIUM	100000	100200	100.2
MANGANESE	0	2	
MOLYBDENUM	2000	1979	99.0
NICKEL	0	1	
POTASSIUM	100000	100900	100.9
SELENIUM	0	(1)	
SILVER	0	0	
SODIUM	100000	99800	99.8
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	7	~~8~~ (1)	

SAMPLE: ICSAB

File: FWA05A Jan 06, 2006 00:06

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	97180	97.2
ANTIMONY	0	1	
ARSENIC	20	20	
BARIUM	0	0	
CADMIUM	20	19	
CALCIUM	100000	111700	111.7
CHROMIUM	20	24	
COBALT	20	21	
IRON	100000	110200	110.2
LEAD	1	1	
MAGNESIUM	100000	103400	103.4
MANGANESE	20	23	
MOLYBDENUM	2000	2010	100.5
NICKEL	20	21	
POTASSIUM	100000	105100	105.1
SELENIUM	0	1	
SILVER	20	19	
SODIUM	100000	102600	102.6
THALLIUM	0	0	
VANADIUM	0	0	
ZINC	27	25	92.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA06A Jan 06, 2006 15:18

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	92460	92.5
CALCIUM	100000	102300	102.3
IRON	100000	100700	100.7
MAGNESIUM	100000	97710	97.7
MOLYBDENUM	2000	1892	94.6
POTASSIUM	100000	96370	96.4
SODIUM	100000	95430	95.4

SAMPLE: ICSAB

File: FWA06A Jan 06, 2006 15:26

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	93040	93.0
CALCIUM	100000	103000	103.0
IRON	100000	103300	103.3
MAGNESIUM	100000	98860	98.9
MOLYBDENUM	2000	1883	94.2
POTASSIUM	100000	96050	96.0
SODIUM	100000	95320	95.3

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Concentration Units: ug/L

SAMPLE: ICSA

File: FWA06A Jan 07, 2006 01:38

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	91060	91.1
CALCIUM	100000	99880	99.9
IRON	100000	98230	98.2
MAGNESIUM	100000	96150	96.2
MOLYBDENUM	2000	1841	92.0
POTASSIUM	100000	93010	93.0
SODIUM	100000	94380	94.4

SAMPLE: ICSAB

File: FWA06A Jan 07, 2006 01:46

Analyte	TRUE	FOUND	% R
ALUMINUM	100000	88920	88.9
CALCIUM	100000	103600	103.6
IRON	100000	106600	106.6
MAGNESIUM	100000	92730	92.7
MOLYBDENUM	2000	1924	96.2
POTASSIUM	100000	94410	94.4
SODIUM	100000	91980	92.0

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 12:57

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516038	103.2
CALCIUM	500000	503260	100.7
IRON	200000	196276	98.1
MAGNESIUM	500000	514577	102.9

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 13:03

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	515311	103.1
CALCIUM	500000	502620	100.5
IRON	200000	196855	98.4
MAGNESIUM	500000	512815	102.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 15:17

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	516776	103.4
CALCIUM	500000	513299	102.7
IRON	200000	198539	99.3
MAGNESIUM	500000	521442	104.3

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 15:23

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	521442	104.3
CALCIUM	500000	516620	103.3
IRON	200000	200344	100.2
MAGNESIUM	500000	526052	105.2

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 18:43

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512159	102.4
CALCIUM	500000	502105	100.4
IRON	200000	193816	96.9
MAGNESIUM	500000	507159	101.4

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 18:49

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	513685	102.7
CALCIUM	500000	501648	100.3
IRON	200000	194733	97.4
MAGNESIUM	500000	507757	101.6

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 05, 2006 22:16

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	532705	106.5
CALCIUM	500000	503544	100.7
IRON	200000	197232	98.6
MAGNESIUM	500000	517972	103.6

SAMPLE: ICSAB

File: BWA05A Jan 05, 2006 22:22

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	534064	106.8
CALCIUM	500000	503366	100.7
IRON	200000	198544	99.3
MAGNESIUM	500000	518526	103.7

ICP INTERFERENCE CHECK SAMPLE

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Concentration Units: ug/L

SAMPLE: ICSA

File: BWA05A Jan 06, 2006 01:08

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	512651	102.5
CALCIUM	500000	476470	95.3
IRON	200000	189241	94.6
MAGNESIUM	500000	493739	98.7

SAMPLE: ICSAB

File: BWA05A Jan 06, 2006 01:14

Analyte	TRUE	FOUND	% R
ALUMINUM	500000	531814	106.4
CALCIUM	500000	493606	98.7
IRON	200000	196399	98.2
MAGNESIUM	500000	511374	102.3

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Beryllium	PEN45SB2501	1.1		Calcium	446480	1	17200	0.04	na	na
Cobalt	PEN45SB2501	2.9		Calcium	446480	-10	17200	-0.39	J	na
Copper	PEN45SB2501	53.5		Calcium	446480	-12	17200	-0.46	na	na
Manganese	PEN45SB2501	323		Calcium	446480	5	17200	0.19	na	na
Nickel	PEN45SB2501	9.4		Calcium	446480	19	17200	0.73	na	na
Potassium	PEN45SB2501	707		Calcium	446480	-627	17200	-24.15	na	na
Silver	PEN45SB2501	0.44	U	Calcium	446480	6	17200	0.23	na	na
Sodium	PEN45SB2501	142		Calcium	446480	-874	17200	-33.67	J	na
Vanadium	PEN45SB2501	13.8		Calcium	446480	-5	17200	-0.19	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Beryllium	PEN45SB2501	1.1		Iron	186518	1	7230	0.04	na	na
Cobalt	PEN45SB2501	2.9		Iron	186518	-10	7230	-0.39	J	na
Copper	PEN45SB2501	53.5		Iron	186518	-12	7230	-0.47	na	na
Manganese	PEN45SB2501	323		Iron	186518	5	7230	0.19	na	na
Nickel	PEN45SB2501	9.4		Iron	186518	19	7230	0.74	na	na
Potassium	PEN45SB2501	707		Iron	186518	-627	7230	-24.30	na	na
Silver	PEN45SB2501	0.44	U	Iron	186518	6	7230	0.23	na	na
Sodium	PEN45SB2501	142		Iron	186518	-874	7230	-33.88	J	na
Vanadium	PEN45SB2501	13.8		Iron	186518	-5	7230	-0.19	na	na

Affected Analyte	Sample	Reported Result	Qualifier	Interferent	Interferent level in ICS	Conc. ICS	Interferent Level	Est. Interference	Validation Action	Validation Action
Antimony	PEN45SB2501	1.7		Calcium	95540	1	17200	0.18	J	na
Chromium	PEN45SB2501	20.8		Calcium	95540	3	17200	0.54	na	na
Selenium	PEN45SB2501	0.52	U	Calcium	95540	1	17200	0.18	na	na
Zinc	PEN45SB2501	679		Calcium	95540	1	17200	0.18	na	na

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** PEN45SB2503S

Matrix: SOIL | **SDG Name:** CTO367-2

Percent Solids: 93.2 | **Lab Sample ID:** WV6482-013P

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	1.0323		1.8704		0.13	-644.7	QL	75	125	CV

Comments:

FORM V (Part 1) - IN

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** PEN45SB2503S

Matrix: SOIL | **SDG Name:** CTO367-2

Percent Solids: 93.2 | **Lab Sample ID:** WV6482-013S

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	1.2151		1.8704		0.13	-504.1	O[illegible]	75	125	CV

Comments:

FORM V (Part 1) - IN

5D

SPIKE DUPLICATES

Lab Name: Katahdin Analytical Services **Client Field ID:** PEN45SB2503

Matrix: SOIL **SDG Name:** CTO367-2

Percent Solids: 93.2 **Lab Sample ID:** WV6482-013

Concentration Units : mg/Kg

Analyte	Control Limits	Spike Result	C	Spike Dup. Result	C	RPD	Q	M
MERCURY, TOTAL		1.2151		1.0323		16.3		CV

Comments:

FORM VD - IN

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2OVL27ICS0

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL27ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2140.39	107.0	80	120
ANTIMONY	500.0	475.20	95.0	80	120
ARSENIC	500.0	513.00	102.6	80	120
BARIUM	2000.0	1848.00	92.4	80	120
BERYLLIUM	50.0	51.38	102.8	80	120
CADMIUM	250.0	259.40	103.8	80	120
CALCIUM	2500.0	2361.24	94.4	80	120
CHROMIUM	200.0	188.50	94.3	80	120
COBALT	500.0	465.90	93.2	80	120
COPPER	250.0	261.82	104.7	80	120
IRON	1000.0	1079.00	107.9	80	120
LEAD	500.0	500.90	100.2	80	120
MAGNESIUM	5000.0	4818.24	96.4	80	120
MANGANESE	500.0	526.40	105.3	80	120
NICKEL	500.0	466.70	93.3	80	120
POTASSIUM	10000.0	10501.12	105.0	80	120
SELENIUM	500.0	496.80	99.4	80	120
SILVER	50.0	46.35	92.7	80	120
SODIUM	7500.0	7052.86	94.0	80	120
THALLIUM	500.0	485.00	97.0	80	120
VANADIUM	500.0	456.30	91.3	80	120
ZINC	500.0	460.60	92.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LC2WVL15ICW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL15ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2046.83	102.3	80	120
ANTIMONY	500.0	511.91	102.4	80	120
ARSENIC	500.0	508.81	101.8	80	120
BARIUM	2000.0	1959.91	98.0	80	120
BERYLLIUM	50.0	51.69	103.4	80	120
CADMIUM	250.0	261.25	104.5	80	120
CALCIUM	2500.0	2713.83	108.6	80	120
CHROMIUM	200.0	207.61	103.8	80	120
COBALT	500.0	504.31	100.9	80	120
COPPER	250.0	226.78	90.7	80	120
IRON	1000.0	1006.61	100.7	80	120
LEAD	500.0	530.24	106.0	80	120
MAGNESIUM	5000.0	5318.68	106.4	80	120
MANGANESE	500.0	471.96	94.4	80	120
NICKEL	500.0	543.07	108.6	80	120
POTASSIUM	10000.0	10244.67	102.4	80	120
SELENIUM	500.0	491.80	98.4	80	120
SILVER	50.0	47.72	95.4	80	120
SODIUM	7500.0	8024.24	107.0	80	120
THALLIUM	500.0	501.25	100.3	80	120
VANADIUM	500.0	530.99	106.2	80	120
ZINC	500.0	503.68	100.7	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVL27ICS0

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL27ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2137.70	106.9	80	120
ANTIMONY	500.0	450.60	90.1	80	120
ARSENIC	500.0	488.90	97.8	80	120
BARIUM	2000.0	1786.00	89.3	80	120
BERYLLIUM	50.0	51.60	103.2	80	120
CADMIUM	250.0	248.40	99.4	80	120
CALCIUM	2500.0	2340.03	93.6	80	120
CHROMIUM	200.0	181.10	90.5	80	120
COBALT	500.0	445.20	89.0	80	120
COPPER	250.0	257.75	103.1	80	120
IRON	1000.0	1049.00	104.9	80	120
LEAD	500.0	474.80	95.0	80	120
MAGNESIUM	5000.0	4792.95	95.9	80	120
MANGANESE	500.0	447.90	89.6	80	120
NICKEL	500.0	444.70	88.9	80	120
POTASSIUM	10000.0	9825.80	98.3	80	120
SELENIUM	500.0	475.70	95.1	80	120
SILVER	50.0	44.78	89.6	80	120
SODIUM	7500.0	7057.25	94.1	80	120
THALLIUM	500.0	457.60	91.5	80	120
VANADIUM	500.0	433.10	86.6	80	120
ZINC	500.0	434.90	87.0	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOVL28HGS0

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL28HGS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	5.34	106.8	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVL15ICW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL15ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2020.38	101.0	80	120
ANTIMONY	500.0	512.78	102.6	80	120
ARSENIC	500.0	502.66	100.5	80	120
BARIUM	2000.0	1951.62	97.6	80	120
BERYLLIUM	50.0	50.90	101.8	80	120
CADMIUM	250.0	258.45	103.4	80	120
CALCIUM	2500.0	2643.89	105.8	80	120
CHROMIUM	200.0	206.06	103.0	80	120
COBALT	500.0	500.43	100.1	80	120
COPPER	250.0	226.04	90.4	80	120
IRON	1000.0	995.15	99.5	80	120
LEAD	500.0	525.43	105.1	80	120
MAGNESIUM	5000.0	5224.56	104.5	80	120
MANGANESE	500.0	470.43	94.1	80	120
NICKEL	500.0	537.49	107.5	80	120
POTASSIUM	10000.0	9905.02	99.1	80	120
SELENIUM	500.0	491.74	98.3	80	120
SILVER	50.0	47.04	94.1	80	120
SODIUM	7500.0	7929.69	105.7	80	120
THALLIUM	500.0	486.53	97.3	80	120
VANADIUM	500.0	521.03	104.2	80	120
ZINC	500.0	500.03	100.0	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVL28ICW0

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL28ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2062.75	103.1	80	120
ANTIMONY	500.0	486.40	97.3	80	120
ARSENIC	500.0	524.90	105.0	80	120
BARIUM	2000.0	2042.27	102.1	80	120
BERYLLIUM	50.0	51.06	102.1	80	120
CADMIUM	250.0	279.76	111.9	80	120
CALCIUM	2500.0	2353.48	94.1	80	120
CHROMIUM	200.0	198.10	99.0	80	120
COBALT	500.0	481.92	96.4	80	120
COPPER	250.0	259.13	103.7	80	120
IRON	1000.0	1027.41	102.7	80	120
LEAD	500.0	519.00	103.8	80	120
MAGNESIUM	5000.0	4914.87	98.3	80	120
MANGANESE	500.0	520.37	104.1	80	120
NICKEL	500.0	510.11	102.0	80	120
POTASSIUM	10000.0	10318.15	103.2	80	120
SELENIUM	500.0	505.90	101.2	80	120
SILVER	50.0	52.55	105.1	80	120
SODIUM	7500.0	7104.49	94.7	80	120
THALLIUM	500.0	496.60	99.3	80	120
VANADIUM	500.0	507.77	101.6	80	120
ZINC	500.0	480.80	96.2	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVL29ICW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL29ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2033.86	101.7	80	120
ANTIMONY	500.0	501.70	100.3	80	120
ARSENIC	500.0	542.30	108.5	80	120
BARIUM	2000.0	2054.85	102.7	80	120
BERYLLIUM	50.0	48.88	97.8	80	120
CADMIUM	250.0	289.57	115.8	80	120
CALCIUM	2500.0	2697.52	107.9	80	120
CHROMIUM	200.0	202.80	101.4	80	120
COBALT	500.0	520.48	104.1	80	120
COPPER	250.0	256.09	102.4	80	120
IRON	1000.0	1064.99	106.5	80	120
LEAD	500.0	532.40	106.5	80	120
MAGNESIUM	5000.0	5292.40	105.8	80	120
MANGANESE	500.0	504.73	100.9	80	120
NICKEL	500.0	535.28	107.1	80	120
POTASSIUM	10000.0	10139.60	101.4	80	120
SELENIUM	500.0	521.40	104.3	80	120
SILVER	50.0	53.80	107.6	80	120
SODIUM	7500.0	7913.00	105.5	80	120
THALLIUM	500.0	507.20	101.4	80	120
VANADIUM	500.0	515.79	103.2	80	120
ZINC	500.0	525.48	105.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA03HGW0

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: WA03HGW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	5.05	101.0	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA03HGW1

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: WA03HGW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	4.97	99.4	80	120

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: WATER **SDG Name:** CTO367-2

QC Batch ID: VL15ICW1 **Lab Sample ID:** LCSWVL15ICW1

Concentration Units: ug/L

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	2020.38	2046.83	1.3	
ANTIMONY	20.0	512.78	511.91	0.2	
ARSENIC	20.0	502.66	508.81	1.2	
BARIUM	20.0	1951.62	1959.91	0.4	
BERYLLIUM	20.0	50.90	51.69	1.5	
CADMIUM	20.0	258.45	261.25	1.1	
CALCIUM	20.0	2643.89	2713.83	2.6	
CHROMIUM	20.0	206.06	207.61	0.7	
COBALT	20.0	500.43	504.31	0.8	
COPPER	20.0	226.04	226.78	0.3	
IRON	20.0	995.15	1006.61	1.1	
LEAD	20.0	525.43	530.24	0.9	
MAGNESIUM	20.0	5224.56	5318.68	1.8	
MANGANESE	20.0	470.43	471.96	0.3	
NICKEL	20.0	537.49	543.07	1.0	
POTASSIUM	20.0	9905.02	10244.67	3.4	
SELENIUM	20.0	491.74	491.80	0.0	
SILVER	20.0	47.04	47.72	1.4	
SODIUM	20.0	7929.69	8024.24	1.2	
THALLIUM	20.0	486.53	501.25	3.0	
VANADIUM	20.0	521.03	530.99	1.9	
ZINC	20.0	500.03	503.68	0.7	

7D

LABORATORY CONTROL SAMPLE DUPLICATES

Lab Name: Katahdin Analytical Services

Matrix: SOIL **SDG Name:** CTO367-2

QC Batch ID: VL27ICS0 **Lab Sample ID:** LCSOVL27ICS0

Concentration Units: mg/Kg

Analyte	Control Limit (%)	LCS Result	LCS Dup. Result	RPD(%)	Q
ALUMINUM	20.0	2137.70	2140.39	0.1	
ANTIMONY	20.0	450.60	475.20	5.3	
ARSENIC	20.0	488.90	513.00	4.8	
BARIUM	20.0	1786.00	1848.00	3.4	
BERYLLIUM	20.0	51.60	51.38	0.4	
CADMIUM	20.0	248.40	259.40	4.3	
CALCIUM	20.0	2340.03	2361.24	0.9	
CHROMIUM	20.0	181.10	188.50	4.0	
COBALT	20.0	445.20	465.90	4.5	
COPPER	20.0	257.75	261.82	1.6	
IRON	20.0	1049.00	1079.00	2.8	
LEAD	20.0	474.80	500.90	5.4	
MAGNESIUM	20.0	4792.95	4818.24	0.5	
MANGANESE	20.0	447.90	526.40	16.1	
NICKEL	20.0	444.70	466.70	4.8	
POTASSIUM	20.0	9825.80	10501.12	6.6	
SELENIUM	20.0	475.70	496.80	4.3	
SILVER	20.0	44.78	46.35	3.4	
SODIUM	20.0	7057.25	7052.86	0.1	
THALLIUM	20.0	457.60	485.00	5.8	
VANADIUM	20.0	433.10	456.30	5.2	
ZINC	20.0	434.90	460.60	5.7	

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWWA04ICW0

Matrix: WATER **SDG Name:** CTO333-4

QC Batch ID: WA04ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
IRON	1000.0	1046.60	104.7	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	2.73	P
BARIUM	5.0	1.17	P
BERYLLIUM	5.0	0.29	P
CADMIUM	10	4.36	P
CALCIUM	50	21.40	P
COBALT	30	3.05	P
COPPER	25	2.86	P
IRON	100	3.79	P
MAGNESIUM	50	26.00	P
MANGANESE	5.0	0.70	P
NICKEL	40	11.70	P
POTASSIUM	2000	420.00	P
SILVER	15	4.40	P
SODIUM	1000	33.80	P
VANADIUM	25	4.88	P
ZINC	25	1.74	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** F

Instrument Name: AGILENT 7500 ICP-MS **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	3.07	MS
ANTIMONY	8.0	0.01	MS
ARSENIC	8.0	0.26	MS
BARIUM	5.0	0.02	MS
CADMIUM	10	0.01	MS
CALCIUM	50	3.44	MS
CHROMIUM	15	0.04	MS
COBALT	30	0.01	MS
IRON	100	3.72	MS
LEAD	5.0	0.01	MS
MANGANESE	5.0	0.03	MS
NICKEL	40	0.01	MS
SELENIUM	10	0.32	MS
SILVER	15	0.01	MS
SODIUM	1000	1.95	MS
THALLIUM	15	0.03	MS
VANADIUM	25	0.07	MS
ZINC	25	0.06	MS

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 10/3/2005

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.02	CV

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 10/3/05

Concentration Units: ug/L

Analyte	CRDL	IDL	M
IRON	100	3.79	P

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL15ICW1

Matrix: WATER **SDG Name:** CTO367-2

Method: P **Prep Date:** 12/15/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LC2WVL15ICW1	LC2WVL15ICW1	0.05	0.05
LCSWVL15ICW1	LCSWVL15ICW1	0.05	0.05
PBWVL15ICW1	PBWVL15ICW1	0.05	0.05
PEN46RB1202	WV6482-014	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL27ICS0

Matrix: SOIL **SDG Name:** CTO367-2

Method: P **Prep Date:** 12/27/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LC2OVL27ICS0	LC2OVL27ICS0	1	0.1
LCSOVL27ICS0	LCSOVL27ICS0	1	0.1
PBSVL27ICS0	PBSVL27ICS0	1	0.1
PEN46SB2901	WV6482-001	1.4	0.1
PEN46SB2902	WV6482-002	1.76	0.1
PEN46SB2903	WV6482-003	1.94	0.1
PEN46SB3001	WV6482-004	1.17	0.1
PEN46SB3001D	WV6482-005	1.9	0.1
PEN46SB3002	WV6482-006	1.62	0.1
PEN46SB3003	WV6482-007	1.52	0.1
PEN46SB3101	WV6482-008	1.25	0.1
PEN46SB3102	WV6482-009	1.75	0.1
PEN46SB3103	WV6482-010	1.39	0.1
PEN45SB2501	WV6482-011	1.72	0.1
PEN45SB2502	WV6482-012	1.18	0.1
PEN45SB2503	WV6482-013	1.34	0.1
PEN45SB2601	WV6482-016	1.26	0.1
PEN45SB2701	WV6482-017	1.31	0.1

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL28HGS0

Matrix: SOIL **SDG Name:** CTO367-2

Method: CV **Prep Date:** 12/28/2005

Client ID	Lab Sample ID	Initial (g)	Final (L)
LCSOVL28HGS0	LCSOVL28HGS0	0.6	0.1
PBSVL28HGS0	PBSVL28HGS0	0.6	0.1
PEN46SB2901	WV6482-001	0.76	0.1
PEN46SB2902	WV6482-002	0.8	0.1
PEN46SB2903	WV6482-003	0.67	0.1
PEN46SB3001	WV6482-004	0.71	0.1
PEN46SB3001D	WV6482-005	0.72	0.1
PEN46SB3002	WV6482-006	0.7	0.1
PEN46SB3003	WV6482-007	0.72	0.1
PEN46SB3101	WV6482-008	0.73	0.1
PEN46SB3102	WV6482-009	0.72	0.1
PEN46SB3103	WV6482-010	0.72	0.1
PEN45SB2501	WV6482-011	0.66	0.1
PEN45SB2502	WV6482-012	0.65	0.1
PEN45SB2503	WV6482-013	0.8	0.1
PEN45SB2503P	WV6482-013P	0.81	0.1
PEN45SB2503S	WV6482-013S	0.81	0.1

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03HGW1

Matrix: WATER **SDG Name:** CTO367-2

Method: CV **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03HGW1	LCSWWA03HGW1	0.025	0.025
PBWWA03HGW1	PBWWA03HGW1	0.025	0.025
PEN46RB1202	WV6482-014	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA04ICW0

Matrix: WATER **SDG Name:** CTO333-4

Method: P **Prep Date:** 01/04/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA04ICW0	LCSWWA04ICW0	0.05	0.05
PBWWA04ICW0	PBWWA04ICW0	0.05	0.05
PEN-OU1-PZ01-07	WV6770-001	0.05	0.05
PEN-OU1-MW02A-07	WV6770-002	0.05	0.05
PEN-OU1-MW02-07	WV6770-003	0.05	0.05
PEN-OU1-PZ10-07	WV6789-001	0.05	0.05
PEN-OU1-W01-07	WV6789-002	0.05	0.05
PEN-OU1-W02-07	WV6789-003	0.05	0.05
PEN-OU1-PZ07B-07	WV6789-004	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL28ICW0

Matrix: WATER **SDG Name:** CTO367-2

Method: P **Prep Date:** 12/28/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVL28ICW0	LCSWVL28ICW0	0.05	0.05
PBWVL28ICW0	PBWVL28ICW0	0.05	0.05
PEN46SB2901	WV6482-019	0.05	0.05
PEN46SB2902	WV6482-020	0.05	0.05
PEN46SB2903	WV6482-021	0.05	0.05
PEN46SB3001	WV6482-022	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VL29ICW1

Matrix: WATER **SDG Name:** CTO367-2

Method: P **Prep Date:** 12/29/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVL29ICW1	LCSWVL29ICW1	0.05	0.05
PBWVL29ICW1	PBWVL29ICW1	0.05	0.05
PEN46SB3001D	WV6482-023	0.05	0.05
PEN46SB3002	WV6482-024	0.05	0.05
PEN46SB3003	WV6482-025	0.05	0.05
PEN46SB3101	WV6482-026	0.05	0.05
PEN46SB3102	WV6482-027	0.05	0.05
PEN46SB3103	WV6482-028	0.05	0.05
PEN45SB2501	WV6482-029	0.05	0.05
PEN45SB2502	WV6482-030	0.05	0.05
PEN45SB2503	WV6482-031	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** WA03HGW0

Matrix: WATER **SDG Name:** CTO367-2

Method: CV **Prep Date:** 01/03/2006

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWWA03HGW0	LCSWWA03HGW0	0.025	0.025
PBWWA03HGW0	PBWWA03HGW0	0.025	0.025
PEN46SB2901	WV6482-019	0.025	0.025
PEN46SB2902	WV6482-020	0.025	0.025
PEN46SB2903	WV6482-021	0.025	0.025
PEN46SB3001	WV6482-022	0.025	0.025
PEN46SB3001D	WV6482-023	0.025	0.025
PEN46SB3002	WV6482-024	0.025	0.025
PEN46SB3003	WV6482-025	0.025	0.025
PEN46SB3101	WV6482-026	0.025	0.025
PEN46SB3102	WV6482-027	0.025	0.025
PEN46SB3103	WV6482-028	0.025	0.025
PEN45SB2501	WV6482-029	0.025	0.025
PEN45SB2502	WV6482-030	0.025	0.025
PEN45SB2503	WV6482-031	0.025	0.025

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL18A

Date: 12/18/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
S0		1	11:34	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
S1		1	11:40	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
AL IEC		1	11:46	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
FE IEC		1	11:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICV		1	12:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICB		1	12:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
PQL		1	12:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
0.1 PPM CA,MG		1	12:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CRI		1	12:27	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSA		1	12:33	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSAB		1	12:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	12:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	12:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	12:57																
ZZZZZZ		1	13:03																
ZZZZZZ		1	13:09																
ZZZZZZ		1	13:14																
ZZZZZZ		1	13:20																
ZZZZZZ		1	13:26																
ZZZZZZ		1	13:32																
ZZZZZZ		1	13:38																
ZZZZZZ		1	13:44																
ZZZZZZ		1	13:50																
CCV		1	13:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	14:02	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	14:08																
ZZZZZZ		1	14:14																
ZZZZZZ		10	14:19																
LC2WVL15ICW1		1	14:25	Al		Be		Ca				Mg			K		Na	V	
LCSWVL15ICW1		1	14:31	Al		Be		Ca				Mg			K		Na	V	
PBWVL15ICW1		1	14:37	Al		Be		Ca							K		Na	V	
WV6482-014	PEN46RB1202	1	14:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	14:49																
ZZZZZZ		1	14:55																
ZZZZZZ		1	15:01																
CCV		1	15:07	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	15:13	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	15:18																
ZZZZZZ		1	15:24																
ZZZZZZ		1	15:30																
ZZZZZZ		1	15:36																
ZZZZZZ		1	15:42																
ZZZZZZ		5	15:48																
ZZZZZZ		1	15:54																
CRI		1	16:00	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSA		1	16:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
ICSAB		1	16:12	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	16:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	16:23	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL29B

Date: 12/29/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
S0		1	17:50	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
S1		1	17:56	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
AL IEC		1	18:02	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
FE IEC		1	18:11	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICV		1	18:19	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICB		1	18:25	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
PQL		1	18:31	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
0.1 PPM CA,MG		1	18:37	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CRI		1	18:43	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSA		1	18:49	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSAB		1	18:55	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCV		1	19:01	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	19:07	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		1	19:13									
ZZZZZZ		1	19:18									
ZZZZZZ		1	19:24									
ZZZZZZ		1	19:30									
ZZZZZZ		1	19:36									
ZZZZZZ		1	19:42									
ZZZZZZ		1	19:48									
ZZZZZZ		1	19:54									
ZZZZZZ		10	20:00									
ZZZZZZ		1	20:06									
CCV		1	20:12	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	20:18	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		1	20:23									
ZZZZZZ		1	20:29									
ZZZZZZ		1	20:35									
ZZZZZZ		1	20:41									
ZZZZZZ		1	20:47									
ZZZZZZ		1	20:53									
ZZZZZZ		1	20:59									
ZZZZZZ		1	21:05									
ZZZZZZ		1	21:11									
CCV		1	21:17	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	21:22	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		1	21:28									
ZZZZZZ		1	21:34									
ZZZZZZ		1	21:40									
CRI		1	21:46	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSA		1	21:52	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSAB		1	21:58	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCV		1	22:04	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	22:10	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		5	22:16									
ZZZZZZ		1	22:21									
ZZZZZZ		1	22:27									
ZZZZZZ		1	22:33									
ZZZZZZ		1	22:39									
ZZZZZZ		1	22:45									

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL29B

Date: 12/29/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
ZZZZZZ		1	22:51									
ZZZZZZ		1	22:57									
ZZZZZZ		1	23:03									
ZZZZZZ		1	23:09									
CCV		1	23:15	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	23:21	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		1	23:26									
ZZZZZZ		1	23:32									
ZZZZZZ		1	23:38									
ZZZZZZ		1	23:44									
ZZZZZZ		1	23:50									
ZZZZZZ		1	23:56									
ZZZZZZ		1	0:02									
CCV		1	0:08	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	0:14	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ZZZZZZ		1	0:20									
ZZZZZZ		1	0:25									
ZZZZZZ		1	0:31									
LC2OVL27ICS0		1	0:37	Al	Be	Ca	Cu	Mg Mn	K	Na		
LCSOVL27ICS0		1	0:43	Al	Be	Ca	Cu	Mg	K	Na		
PBSVL27ICS0		1	0:49	Al	Be	Ca	Cu	Mg	K	Ag Na		
CRI		1	0:55	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSA		1	1:01	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSAB		1	1:07	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCV		1	1:13	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	1:19	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-001	PEN46SB2901	1	1:25	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-002	PEN46SB2902	1	1:30	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-003	PEN46SB2903	1	1:36	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-004	PEN46SB3001	1	1:42	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-005	PEN46SB3001D	1	1:48	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-006	PEN46SB3002	1	1:54	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-007	PEN46SB3003	1	2:00	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-008	PEN46SB3101	1	2:06	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-009	PEN46SB3102	1	2:12	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-010	PEN46SB3103	1	2:18	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCV		1	2:24	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	2:30	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
WV6482-011	PEN45SB2501	1	2:35	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V	
WV6482-012	PEN45SB2502	1	2:41	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
WV6482-013	PEN45SB2503	1	2:47	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
LCSWVL28ICW0		1	2:53	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
PBWVL28ICW0		1	2:59	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
WV6482-019	PEN46SB2901	1	3:05	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
WV6482-020	PEN46SB2902	1	3:11	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
WV6482-021	PEN46SB2903	1	3:17	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
WV6482-022	PEN46SB3001	1	3:23	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni	Ag Na	V Zn	
CCV		1	3:29	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CCB		1	3:35	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
CRI		1	3:41	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	
ICSA		1	3:46	Al	Ba Be	Cd Ca	Co Cu Fe	Mg Mn	Ni K	Ag Na	V Zn	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL29B

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements															
ICSAB		1	3:52	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCV		1	3:58	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn
CCB		1	4:04	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL30A

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
S0		1	10:42	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
S1		1	10:48	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
AL_IEC		1	10:54	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
FE_IEC		1	11:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICV		1	11:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICB		1	11:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
PQL		1	11:23	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
0.1 PPM CA,MG		1	11:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CRI		1	11:51	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	11:57	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	12:03	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCV		1	12:09	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	12:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	12:21															
ZZZZZZ		1	12:27															
ZZZZZZ		1	12:32															
ZZZZZZ		1	12:38															
ZZZZZZ		1	12:44															
ZZZZZZ		1	12:50															
ZZZZZZ		1	12:56															
ZZZZZZ		1	13:02															
ZZZZZZ		1	13:08															
ZZZZZZ		1	13:14															
CCV		1	13:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	13:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	13:32															
ZZZZZZ		1	13:37															
ZZZZZZ		1	13:43															
ZZZZZZ		1	13:49															
ZZZZZZ		1	13:55															
ZZZZZZ		1	14:01															
ZZZZZZ		1	14:07															
ZZZZZZ		1	14:13															
ZZZZZZ		1	14:19															
ZZZZZZ		1	14:25															
CCV		1	14:31	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	14:36	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		2	14:44															
CCV		1	14:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	14:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	15:01															
ZZZZZZ		1	15:07															
ZZZZZZ		1	15:13															
ZZZZZZ		1	15:19															
ZZZZZZ		1	15:25															
WV6482-011	PEN45SB2501	1	15:31												K			
WV6482-012	PEN45SB2502	1	15:37												K			
CRI		1	15:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	15:49	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	15:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: TJA 61 ICP **File Name:** BVL30A

Date: 12/30/2005 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
CCV		1	16:00	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	16:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-013	PEN45SB2503	1	16:12												K			
LCSWVL28ICW0		1	16:18												K			
PBWVL28ICW0		1	16:24												K			
WV6482-019	PEN46SB2901	1	16:30												K			
WV6482-020	PEN46SB2902	1	16:36												K			
WV6482-021	PEN46SB2903	1	16:42												K			
WV6482-022	PEN46SB3001	1	16:48												K			
ZZZZZZ		1	16:54															
ZZZZZZ		1	16:59															
ZZZZZZ		1	17:05															
CCV		1	17:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	17:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-023	PEN46SB3001D	1	17:23	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-024	PEN46SB3002	1	17:29	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-025	PEN46SB3003	1	17:35	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-026	PEN46SB3101	1	17:41	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-027	PEN46SB3102	1	17:47	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-028	PEN46SB3103	1	17:53	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-029	PEN45SB2501	1	17:59	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-030	PEN45SB2502	1	18:04	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
WV6482-031	PEN45SB2503	1	18:10	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	18:16															
CCV		1	18:22	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	18:28	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ZZZZZZ		1	18:34															
ZZZZZZ		1	18:40															
ZZZZZZ		1	18:46															
ZZZZZZ		1	18:52															
ZZZZZZ		1	18:58															
ZZZZZZ		1	19:04															
ZZZZZZ		1	19:09															
CRI		1	19:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSA		1	19:21	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
ICSAB		1	19:27	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCV		1	19:33	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn
CCB		1	19:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Mn	Ni	K	Ag	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FVL30A

Date: 12/30/2005 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements							
Cal Blank		1	12:07	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Cal Std 1		1	12:15	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Cal Std 2		1	12:23	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Cal Std 3		1	12:30	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Cal Std 4		1	12:38	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Blank		1	12:46	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICV		1	12:53	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICB		1	13:01	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
PQL		1	13:09	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		1	13:17								
Blank		1	13:24	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CRI		5	13:32	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICSA		1	13:40	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICSAB		1	13:47	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Blank		1	13:55	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCV		1	14:03	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	14:11	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		1	14:18								
ZZZZZZ		1	14:26								
ZZZZZZ		1	14:34								
ZZZZZZ		5	14:41								
ZZZZZZ		5	14:49								
CCV		1	14:57	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	15:05	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	15:12								
ZZZZZZ		10	15:20								
ZZZZZZ		10	15:28								
ZZZZZZ		1	15:36								
ZZZZZZ		5	15:43								
ZZZZZZ		5	15:51								
WV6482-014	PEN46RB1202	5	15:59	Sb As	Cr	Pb		Se		Tl	
ZZZZZZ		5	16:06								
ZZZZZZ		10	16:14								
ZZZZZZ		10	16:22								
CCV		1	16:30	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	16:37	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	16:45								
ZZZZZZ		5	16:53								
ZZZZZZ		5	17:01								
ZZZZZZ		5	17:08								
ZZZZZZ		5	17:16								
ZZZZZZ		5	17:24								
ZZZZZZ		5	17:32								
ZZZZZZ		5	17:39								
ZZZZZZ		5	17:47								
ZZZZZZ		5	17:55								
CCV		1	18:03	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	18:10	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	18:18								
ZZZZZZ		5	18:26								

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FVL30A

Date: 12/30/2005 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements							
ZZZZZZ		5	18:34								
ZZZZZZ		10	18:41								
ZZZZZZ		10	18:49								
ZZZZZZ		10	18:57								
ZZZZZZ		1	19:04								
ZZZZZZ		5	19:12								
ZZZZZZ		25	19:20								
ZZZZZZ		5	19:28								
CCV		1	19:35	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	19:43	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	19:51								
ZZZZZZ		5	19:59								
ZZZZZZ		5	20:07								
ZZZZZZ		5	20:14								
ZZZZZZ		5	20:22								
ZZZZZZ		5	20:30								
ZZZZZZ		5	20:38								
ZZZZZZ		5	20:45								
ZZZZZZ		5	20:53								
ZZZZZZ		5	21:01								
CCV		1	21:09	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	21:16	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	21:24								
ZZZZZZ		25	21:32								
ZZZZZZ		5	21:40								
ZZZZZZ		5	21:47								
ZZZZZZ		5	21:55								
ZZZZZZ		5	22:03								
ZZZZZZ		5	22:11								
ZZZZZZ		10	22:19								
ZZZZZZ		10	22:26								
ZZZZZZ		10	22:34								
CCV		1	22:42	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	22:49	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ZZZZZZ		5	22:57								
ZZZZZZ		5	23:05								
ZZZZZZ		5	23:13								
ZZZZZZ		5	23:20								
ZZZZZZ		5	23:28								
ZZZZZZ		5	23:36								
ZZZZZZ		5	23:44								
ZZZZZZ		5	23:51								
ZZZZZZ		5	23:59								
ZZZZZZ		5	0:07								
CCV		1	0:15	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCB		1	0:22	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CRI		5	0:30	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICSA		1	0:38	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
ICSAB		1	0:46	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
Blank		1	0:53	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	
CCV		1	1:01	Al Sb As	Ca Cr	Fe Pb Mg	Mo	K Se	Na	Tl	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FVL30A

Date: 12/31/2005 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
CCB		1	1:09	Al Sb As Ca Cr Fe Pb Mg Mo K Se Na Tl

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA05A

Date: 1/5/2006 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
Cal Blank		1	11:35	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Cal Std 1		1	11:43	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Cal Std 2		1	11:51	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Cal Std 3		1	11:58	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Cal Std 4		1	12:06	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Blank		1	12:14	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICV		1	12:21	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICB		1	12:29	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
PQL		1	12:37	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		1	12:45	
Blank		1	12:52	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CRI		5	13:00	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICSA		1	13:08	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICSAB		1	13:15	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Blank		1	13:23	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCV		1	13:31	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	13:39	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		1	13:46	
CCV		1	13:54	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	14:02	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	14:10	
ZZZZZZ		5	14:17	
ZZZZZZ		5	14:25	
PBSVL27ICS0		5	14:33	Sb As Ba Cd Cr Co Fe Pb Mn Ni Se Tl V Zn
WV6482-001	PEN46SB2901	5	14:41	Sb As Cr Pb Se Tl
WV6482-002	PEN46SB2902	5	14:48	Sb As Cr Pb Se Tl
WV6482-003	PEN46SB2903	5	14:56	Sb As Cr Pb Se Tl
ZZZZZZ		10	15:04	
LCSOVL27ICS0		10	15:11	Sb As Ba Cd Cr Co Fe Pb Mn Ni Se Ag Tl V Zn
LC2OVL27ICS0		10	15:19	Sb As Ba Cd Cr Co Fe Pb Ni Se Ag Tl V Zn
CCV		1	15:27	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	15:35	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
WV6482-004	PEN46SB3001	5	15:42	Sb As Cr Pb Se Tl
WV6482-005	PEN46SB3001D	5	15:50	Sb As Cr Pb Se Tl
WV6482-006	PEN46SB3002	5	15:58	Sb As Cr Pb Se Tl
WV6482-007	PEN46SB3003	5	16:06	Sb As Cr Pb Se Tl
WV6482-008	PEN46SB3101	5	16:13	Sb As Cr Pb Se Tl
WV6482-009	PEN46SB3102	5	16:21	Sb As Cr Pb Se Tl
WV6482-010	PEN46SB3103	5	16:29	Sb As Cr Pb Se Tl
WV6482-011	PEN45SB2501	25	16:36	Pb Zn
WV6482-012	PEN45SB2502	25	16:44	Pb
WV6482-013	PEN45SB2503	5	16:52	Sb As Cr Pb Se Tl
CCV		1	17:00	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	17:07	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
WV6482-016	PEN45SB2601	5	17:15	As Fe
WV6482-017	PEN45SB2701	5	17:23	As Fe
ZZZZZZ		5	17:30	
PBWVL28ICW0		5	17:38	Sb As Cr Pb Se Tl
WV6482-019	PEN46SB2901	5	17:46	Sb As Cr Pb Se Tl
WV6482-020	PEN46SB2902	5	17:54	Sb As Cr Pb Se Tl

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA05A

Date: 1/5/2006 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements
WV6482-021	PEN46SB2903	5	18:01	Sb As Cr Pb Se Tl
WV6482-022	PEN46SB3001	5	18:09	Sb As Cr Pb Se Tl
LCSWVL29ICW1		10	18:17	Sb As Cr Pb Se Na Tl
LCSWVL28ICW0		10	18:25	Sb As Cr Pb Se Tl
CCV		1	18:32	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	18:40	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
PBWVL29ICW1		5	18:48	Sb As Ca Cr Pb Se Na Tl
WV6482-023	PEN46SB3001D	5	18:56	Sb As Cr Pb Se Na Tl
WV6482-024	PEN46SB3002	5	19:03	Sb As Cr Pb Se Na Tl
WV6482-025	PEN46SB3003	5	19:11	Sb As Cr Pb Se Na Tl
WV6482-026	PEN46SB3101	5	19:19	Sb As Cr Pb Se Na Tl
WV6482-027	PEN46SB3102	5	19:27	Sb As Cr Pb Se Na Tl
WV6482-028	PEN46SB3103	5	19:35	Sb As Cr Pb Se Na Tl
WV6482-029	PEN45SB2501	5	19:42	Sb As Cr Pb Se Na Tl
WV6482-030	PEN45SB2502	5	19:50	Sb As Cr Pb Se Na Tl
WV6482-031	PEN45SB2503	5	19:58	Sb As Cr Pb Se Na Tl
CCV		1	20:06	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	20:13	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	20:21	
ZZZZZZ		5	20:29	
ZZZZZZ		10	20:36	
ZZZZZZ		1	20:44	
ZZZZZZ		5	20:52	
ZZZZZZ		5	21:00	
ZZZZZZ		10	21:08	
ZZZZZZ		10	21:15	
CCV		1	21:23	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	21:31	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	21:39	
ZZZZZZ		5	21:46	
ZZZZZZ		25	21:54	
ZZZZZZ		5	22:02	
ZZZZZZ		25	22:10	
ZZZZZZ		25	22:17	
ZZZZZZ		25	22:25	
ZZZZZZ		10	22:33	
CCV		1	22:41	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	22:48	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ZZZZZZ		5	22:56	
ZZZZZZ		10	23:04	
ZZZZZZ		10	23:12	
WV6482-011	PEN45SB2501	5	23:19	Sb As Cr Se Tl
WV6482-012	PEN45SB2502	5	23:27	Sb As Cr Se Tl
CCV		1	23:35	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	23:43	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CRI		5	23:50	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICSA		1	23:58	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
ICSAB		1	0:06	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
Blank		1	0:13	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCV		1	0:21	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn
CCB		1	0:29	Al Sb As Ba Cd Ca Cr Co Fe Pb Mg Mn Mo Ni K Se Ag Na Tl V Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA06A

Date: 1/6/2006 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements					
Cal Blank		1	13:46 Al	Ca	Fe	Mg	Mo	K	Na
Cal Std 1		1	13:53 Al	Ca	Fe	Mg	Mo	K	Na
Cal Std 2		1	14:01 Al	Ca	Fe	Mg	Mo	K	Na
Cal Std 3		1	14:09 Al	Ca	Fe	Mg	Mo	K	Na
Cal Std 4		1	14:17 Al	Ca	Fe	Mg	Mo	K	Na
Blank		1	14:24 Al	Ca	Fe	Mg	Mo	K	Na
ICV		1	14:32 Al	Ca	Fe	Mg	Mo	K	Na
ICB		1	14:40 Al	Ca	Fe	Mg	Mo	K	Na
PQL		1	14:47 Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		1	14:55						
Blank		1	15:03 Al	Ca	Fe	Mg	Mo	K	Na
CRI		5	15:10 Al	Ca	Fe	Mg	Mo	K	Na
ICSA		1	15:18 Al	Ca	Fe	Mg	Mo	K	Na
ICSAB		1	15:26 Al	Ca	Fe	Mg	Mo	K	Na
Blank		1	15:34 Al	Ca	Fe	Mg	Mo	K	Na
CCV		1	15:41 Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	15:49 Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		5	15:57						
ZZZZZZ		25	16:05						
ZZZZZZ		10	16:12						
CCV		1	16:20 Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	16:28 Al	Ca	Fe	Mg	Mo	K	Na
WV6482-016	PEN45SB2601	20	16:36 Al						
WV6482-017	PEN45SB2701	20	16:43 Al						
ZZZZZZ		5	16:51						
ZZZZZZ		5	16:59						
ZZZZZZ		25	17:06						
ZZZZZZ		5	17:14						
ZZZZZZ		5	17:22						
ZZZZZZ		10	17:30						
ZZZZZZ		10	17:37						
ZZZZZZ		10	17:45						
CCV		1	17:53 Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	18:01 Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		5	18:08						
ZZZZZZ		5	18:16						
ZZZZZZ		5	18:24						
ZZZZZZ		5	18:32						
ZZZZZZ		5	18:39						
ZZZZZZ		5	18:47						
ZZZZZZ		5	18:55						
ZZZZZZ		5	19:02						
ZZZZZZ		5	19:10						
ZZZZZZ		10	19:18						
CCV		1	19:26 Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	19:33 Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		5	19:41						
ZZZZZZ		5	19:49						
ZZZZZZ		25	19:57						
ZZZZZZ		5	20:05						

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: AGILENT 7500 ICP-MS **File Name:** FWA06A

Date: 1/6/2006 **Method:** MS

Lab Sample ID	Client ID	D.F.	Time	Elements					
ZZZZZZ		5	20:12						
ZZZZZZ		5	20:20						
ZZZZZZ		5	20:28						
ZZZZZZ		5	20:35						
ZZZZZZ		10	20:43						
ZZZZZZ		10	20:51						
CCV		1	20:59	Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	21:06	Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		10	21:14						
ZZZZZZ		5	21:22						
ZZZZZZ		5	21:30						
ZZZZZZ		5	21:37						
ZZZZZZ		5	21:45						
ZZZZZZ		5	21:53						
ZZZZZZ		5	22:01						
ZZZZZZ		5	22:09						
ZZZZZZ		5	22:16						
ZZZZZZ		10	22:24						
CCV		1	22:32	Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	22:39	Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		5	22:47						
ZZZZZZ		5	22:55						
ZZZZZZ		5	23:03						
ZZZZZZ		5	23:11						
ZZZZZZ		5	23:18						
ZZZZZZ		25	23:26						
ZZZZZZ		5	23:34						
ZZZZZZ		5	23:42						
ZZZZZZ		10	23:49						
ZZZZZZ		10	23:57						
CCV		1	0:05	Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	0:13	Al	Ca	Fe	Mg	Mo	K	Na
ZZZZZZ		1	0:20						
ZZZZZZ		1	0:28						
ZZZZZZ		1	0:36						
ZZZZZZ		1	0:44						
ZZZZZZ		1	0:51						
ZZZZZZ		1	0:59						
ZZZZZZ		1	1:07						
CCV		1	1:15	Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	1:23	Al	Ca	Fe	Mg	Mo	K	Na
CRI		5	1:30	Al	Ca	Fe	Mg	Mo	K	Na
ICSA		1	1:38	Al	Ca	Fe	Mg	Mo	K	Na
ICSAB		1	1:46	Al	Ca	Fe	Mg	Mo	K	Na
Blank		1	1:54	Al	Ca	Fe	Mg	Mo	K	Na
CCV		1	2:01	Al	Ca	Fe	Mg	Mo	K	Na
CCB		1	2:09	Al	Ca	Fe	Mg	Mo	K	Na

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: CETAC M6100 **File Name:** HVL29A

Date: 12/29/2005 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	9:51	Hg
Standard #1 (0.2 p		1	9:53	Hg
Standard #2 (0.5 p		1	9:55	Hg
Standard #3 (1.0 p		1	9:58	Hg
Standard #4 (5.0 p		1	10:00	Hg
Standard #5 (10.0		1	10:02	Hg
ICV		1	10:04	HG
ICB		1	10:06	HG
CRA		1	10:08	HG
LCSOVL28HGS0		1	10:10	HG
PBSVL28HGS0		1	10:12	HG
ZZZZZZ		1	10:15	
ZZZZZZ		1	10:17	
ZZZZZZ		1	10:19	
ZZZZZZ		1	10:21	
ZZZZZZ		1	10:23	
ZZZZZZ		1	10:25	
ZZZZZZ		1	10:27	
CCV		1	10:29	HG
CCB		1	10:31	HG
WV6482-001	PEN46SB2901	1	10:34	HG
WV6482-002	PEN46SB2902	1	10:36	HG
WV6482-003	PEN46SB2903	1	10:38	HG
WV6482-004	PEN46SB3001	1	10:40	HG
WV6482-005	PEN46SB3001D	1	10:42	HG
WV6482-006	PEN46SB3002	1	10:44	HG
WV6482-007	PEN46SB3003	1	10:46	HG
WV6482-008	PEN46SB3101	1	10:49	HG
WV6482-009	PEN46SB3102	1	10:51	HG
WV6482-010	PEN46SB3103	1	10:53	HG
CCV		1	10:55	HG
CCB		1	10:57	HG
WV6482-011	PEN45SB2501	1	10:59	HG
WV6482-012	PEN45SB2502	1	11:01	HG
ZZZZZZ		1	11:03	
WV6482-013S	PEN45SB2503S	1	11:06	HG
WV6482-013P	PEN45SB2503P	1	11:08	HG
CCV		1	11:10	HG
CCB		1	11:12	HG
WV6482-013	PEN45SB2503	2	11:17	HG
CCV		1	11:19	HG
CCB		1	11:21	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	15:54	Hg
Standard #1 (0.2 p		1	15:56	Hg
Standard #2 (0.5 p		1	15:58	Hg
Standard #3 (1.0 p		1	16:00	Hg
Standard #4 (5.0 p		1	16:02	Hg
Standard #5 (10.0		1	16:04	Hg
ICV		1	16:07	HG
ICB		1	16:09	HG
CRA		1	16:11	HG
LCSWWA03HGW0		1	16:13	HG
ZZZZZZ		1	16:15	
WV6482-019	PEN46SB2901	1	16:17	HG
WV6482-020	PEN46SB2902	1	16:19	HG
WV6482-021	PEN46SB2903	1	16:21	HG
WV6482-022	PEN46SB3001	1	16:23	HG
WV6482-023	PEN46SB3001D	1	16:26	HG
WV6482-024	PEN46SB3002	1	16:28	HG
WV6482-025	PEN46SB3003	1	16:30	HG
CCV		1	16:32	HG
CCB		1	16:34	HG
WV6482-026	PEN46SB3101	1	16:36	HG
WV6482-027	PEN46SB3102	1	16:38	HG
WV6482-028	PEN46SB3103	1	16:40	HG
WV6482-029	PEN45SB2501	1	16:43	HG
WV6482-030	PEN45SB2502	1	16:45	HG
WV6482-031	PEN45SB2503	1	16:47	HG
ZZZZZZ		1	16:49	
ZZZZZZ		1	16:51	
ZZZZZZ		1	16:53	
ZZZZZZ		1	16:55	
CCV		1	16:57	HG
CCB		1	17:00	HG
ZZZZZZ		1	17:02	
ZZZZZZ		1	17:04	
ZZZZZZ		1	17:06	
ZZZZZZ		1	17:08	
ZZZZZZ		1	17:10	
LCSWWA03HGW1		1	17:12	HG
PBWWA03HGW1		1	17:15	HG
WV6482-014	PEN46RB1202	1	17:17	HG
ZZZZZZ		1	17:19	
ZZZZZZ		1	17:21	
CCV		1	17:23	HG
CCB		1	17:25	HG
ZZZZZZ		1	17:27	
ZZZZZZ		1	17:30	
ZZZZZZ		1	17:32	
ZZZZZZ		1	17:34	
ZZZZZZ		1	17:36	
ZZZZZZ		1	17:38	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO367-2

Instrument ID: CETAC M6100 **File Name:** HWA03A

Date: 1/3/2006 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
ZZZZZZ		1	17:40	
ZZZZZZ		1	17:42	
ZZZZZZ		1	17:45	
ZZZZZZ		1	17:47	
CCV		1	17:49	HG
CCB		1	17:51	HG
ZZZZZZ		1	17:53	
ZZZZZZ		1	17:55	
ZZZZZZ		1	17:57	
ZZZZZZ		1	18:00	
ZZZZZZ		1	18:02	
ZZZZZZ		1	18:04	
ZZZZZZ		1	18:06	
CCV		1	18:08	HG
CCB		1	8:05	HG
PBWWA03HGW0		1	8:35	HG
CCV		1	8:37	HG
CCB		1	8:39	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
S0		1	11:59 Al	Ca	Fe	Mg
S1		1	12:05 Al	Ca	Fe	Mg
AL IEC		1	12:10 Al	Ca	Fe	Mg
FE IEC		1	12:19 Al	Ca	Fe	Mg
ICV		1	12:28 Al	Ca	Fe	Mg
ICB		1	12:34 Al	Ca	Fe	Mg
PQL		1	12:40 Al	Ca	Fe	Mg
0.1 PPM CA,MG		1	12:45 Al	Ca	Fe	Mg
CRI		1	12:51 Al	Ca	Fe	Mg
ICSA		1	12:57 Al	Ca	Fe	Mg
ICSAB		1	13:03 Al	Ca	Fe	Mg
CCV		1	13:09 Al	Ca	Fe	Mg
CCB		1	13:19 Al	Ca	Fe	Mg
ZZZZZZ		5	13:25			
ZZZZZZ		1	13:30			
ZZZZZZ		1	13:36			
ZZZZZZ		1	13:42			
ZZZZZZ		1	13:48			
ZZZZZZ		1	13:54			
ZZZZZZ		1	14:00			
ZZZZZZ		1	14:06			
ZZZZZZ		1	14:12			
CCV		1	14:18 Al	Ca	Fe	Mg
CCB		1	14:24 Al	Ca	Fe	Mg
ZZZZZZ		1	14:29			
ZZZZZZ		1	14:35			
ZZZZZZ		1	14:41			
ZZZZZZ		1	14:47			
ZZZZZZ		1	14:53			
ZZZZZZ		1	14:59			
ZZZZZZ		1	15:05			
CRI		1	15:11 Al	Ca	Fe	Mg
ICSA		1	15:17 Al	Ca	Fe	Mg
ICSAB		1	15:23 Al	Ca	Fe	Mg
CCV		1	15:29 Al	Ca	Fe	Mg
CCB		1	15:34 Al	Ca	Fe	Mg
ZZZZZZ		1	15:40			
ZZZZZZ		1	15:46			
ZZZZZZ		5	15:52			
ZZZZZZ		1	15:58			
ZZZZZZ		1	16:04			
ZZZZZZ		1	16:10			
ZZZZZZ		1	16:16			
ZZZZZZ		1	16:22			
ZZZZZZ		1	16:28			
CCV		1	16:34 Al	Ca	Fe	Mg
CCB		1	16:39 Al	Ca	Fe	Mg
ZZZZZZ		1	16:45			
ZZZZZZ		1	16:51			
ZZZZZZ		1	16:57			

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
ZZZZZZ		5	17:03				
ZZZZZZ		1	17:09				
ZZZZZZ		1	17:15				
ZZZZZZ		1	17:21				
ZZZZZZ		1	17:27				
ZZZZZZ		1	17:33				
ZZZZZZ		1	17:38				
CCV		1	17:44	Al	Ca	Fe	Mg
CCB		1	17:50	Al	Ca	Fe	Mg
ZZZZZZ		1	17:56				
ZZZZZZ		1	18:02				
ZZZZZZ		1	18:08				
ZZZZZZ		1	18:14				
ZZZZZZ		1	18:20				
ZZZZZZ		1	18:26				
ZZZZZZ		1	18:32				
CRI		1	18:38	Al	Ca	Fe	Mg
ICSA		1	18:43	Al	Ca	Fe	Mg
ICSAB		1	18:49	Al	Ca	Fe	Mg
CCV		1	18:55	Al	Ca	Fe	Mg
CCB		1	19:01	Al	Ca	Fe	Mg
ZZZZZZ		1	19:07				
ZZZZZZ		1	19:13				
ZZZZZZ		1	19:19				
ZZZZZZ		1	19:25				
ZZZZZZ		1	19:31				
ZZZZZZ		1	19:37				
ZZZZZZ		1	19:42				
ZZZZZZ		1	19:48				
ZZZZZZ		1	19:54				
ZZZZZZ		1	20:00				
CCV		1	20:06	Al	Ca	Fe	Mg
CCB		1	20:12	Al	Ca	Fe	Mg
ZZZZZZ		1	20:18				
ZZZZZZ		1	20:24				
ZZZZZZ		1	20:30				
ZZZZZZ		1	20:36				
ZZZZZZ		5	20:42				
ZZZZZZ		1	20:48				
ZZZZZZ		1	20:53				
ZZZZZZ		1	20:59				
ZZZZZZ		1	21:05				
ZZZZZZ		1	21:11				
CCV		1	21:17	Al	Ca	Fe	Mg
CCB		1	21:23	Al	Ca	Fe	Mg
ZZZZZZ		1	21:29				
ZZZZZZ		1	21:35				
ZZZZZZ		1	21:41				
ZZZZZZ		1	21:47				
ZZZZZZ		1	21:53				
ZZZZZZ		1	21:59				

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO333-4

Instrument ID: TJA 61 ICP **File Name:** BWA05A

Date: 1/5/06 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
ZZZZZZ		1	22:04				
CRI		1	22:10	Al	Ca	Fe	Mg
ICSA		1	22:16	Al	Ca	Fe	Mg
ICSAB		1	22:22	Al	Ca	Fe	Mg
CCV		1	22:28	Al	Ca	Fe	Mg
CCB		1	22:34	Al	Ca	Fe	Mg
ZZZZZZ		1	22:40				
ZZZZZZ		1	22:46				
ZZZZZZ		1	22:52				
WV6770-001	PEN-OU1-PZ01-07	1	22:58			Fe	
WV6770-002	PEN-OU1-MW02A-07	1	23:04			Fe	
WV6770-003	PEN-OU1-MW02-07	1	23:09			Fe	
WV6789-001	PEN-OU1-PZ10-07	1	23:15			Fe	
WV6789-002	PEN-OU1-W01-07	1	23:21			Fe	
WV6789-003	PEN-OU1-W02-07	1	23:27			Fe	
WV6789-004	PEN-OU1-PZ07B-07	1	23:33			Fe	
CCV		1	23:39	Al	Ca	Fe	Mg
CCB		1	23:45	Al	Ca	Fe	Mg
ZZZZZZ		1	23:51				
ZZZZZZ		1	23:57				
ZZZZZZ		1	0:03				
ZZZZZZ		1	0:09				
ZZZZZZ		1	0:15				
ZZZZZZ		1	0:21				
ZZZZZZ		1	0:26				
ZZZZZZ		1	0:32				
ZZZZZZ		1	0:38				
ZZZZZZ		1	0:44				
CCV		1	0:50	Al	Ca	Fe	Mg
CCB		1	0:56	Al	Ca	Fe	Mg
CRI		1	1:02	Al	Ca	Fe	Mg
ICSA		1	1:08	Al	Ca	Fe	Mg
ICSAB		1	1:14	Al	Ca	Fe	Mg
CCV		1	1:20	Al	Ca	Fe	Mg
CCB		1	1:26	Al	Ca	Fe	Mg

NAS PENSACOLA
SOIL DATA
CTO367-2

FRACTION	CHEMICAL	PEN46SB3001	UNITS	PEN46SB3001D	RPD	D
M	ALUMINUM	129	MG/KG	146	12.36	17.00
M	ARSENIC	0.16	MG/KG	0.48	100.00	0.32
M	BARIUM	1.2	MG/KG	2.3	62.86	1.10
M	CALCIUM	168	MG/KG	155	8.05	13.00
M	CHROMIUM	4.2	MG/KG	4.2	0.00	0.00
M	COPPER	6.3	MG/KG	8.2	26.21	1.90
M	IRON	377	MG/KG	1090	97.21	713.00
M	LEAD	17.2	MG/KG	23.9	32.60	6.70
M	MAGNESIUM	43.3	MG/KG	42.3	2.34	1.00
M	MANGANESE	2.9	MG/KG	6.1	71.11	3.20
M	MERCURY	0.09	MG/KG	ND	NC	~~NC~~ 0.09
M	NICKEL	ND	MG/KG	1.1	NC	~~NC~~ 1.1
M	VANADIUM	ND	MG/KG	0.46	NC	~~NC~~ 0.46
M	ZINC	12.9	MG/KG	18	33.01	5.10

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Monday, January 30, 2006

NAS PENSACOLA
SPLP DATA
CTO367-2

FRACTION	CHEMICAL	PEN46SB3001	UNITS	PEN46SB3001D	RPD	D
SPLPM	ALUMINUM	667	UG/L	898	29.52	231.00
SPLPM	BARIUM	110	UG/L	256	79.78	146.00
SPLPM	CALCIUM	8220	UG/L	8270	0.61	50.00
SPLPM	CHROMIUM	16.3	UG/L	12.5	26.39	3.80
SPLPM	COPPER	24.8	UG/L	14.1	55.01	10.70
SPLPM	IRON	831	UG/L	798	4.05	33.00
SPLPM	LEAD	57.4	UG/L	48.6	16.60	8.80
SPLPM	MAGNESIUM	1220	UG/L	1370	11.58	150.00
SPLPM	MANGANESE	43.7	UG/L	41.3	5.65	2.40
SPLPM	VANADIUM	5.8	UG/L	ND	NC	~~NC~~ 5.8
SPLPM	ZINC	402	UG/L	235	52.43	167.00

Current RPD Quality Control Limit: 50 %.
Shaded cells indicate RPDs that exceed the applicable quality control limit.
ND = Compound not detected.
NC = Statistic not calculated

Monday, January 30, 2006

Sample QC Report

Data File:	C:\ICPCHEM\1\DATA\FWA05A.B\046SMPL.D\046SMPL.D#
Date Acquired:	Jan 5 2006 04:36 pm
Acq. Method:	K2008.M
Operator:	EAM
Sample Name:	WV6462-011 PEN45SB250i EmF 4/30/06
Misc Info:	DILUTION - 0.4/10
Vial Number:	2206
Current Method:	C:\ICPCHEM\1\METHODS\K2008.M
Calibration File:	C:\ICPCHEM\1\CALIB\K2008.C
Last Cal. Update:	Jan 05 2006 00:08 pm
Sample Type:	Sample
Dilution Factor:	25.00
Autodil Factor:	Undiluted
Final Dil Factor:	25.00

QC Elements

Element	Corr Conc	Raw Conc	Units	RSD(%)	High Limit	Flag
7 Li	18,135.	725.4	ppb	---	#VALUE!	
9 Be	15.1275	0.6051	ppb	11.66	1000.	
11 B	65.85	2.634	ppb	12.65	1000.	
23 Na	3,355.	134.2	ppb	1.71	100000.	
25 Mg	50,050.	2,002.	ppb	1.05	100000.	
27 Al	131,450.	5,258.	ppb	0.63	10000.	
28 Si	9,740.	389.6	ppb	1.13	50000.	
29 Si	9,725.	389.	ppb	1.42	50000.	
39 K	12,150.	486.	ppb	1.34	100000.	
43 Ca	298,750.	11,950.	ppb	0.34	100000.	
44 Ca	297,500.	11,900.	ppb	0.99	100000.	
51 V	210.3	8.412	ppb	0.94	1000.	
52 Cr	321.25	12.85	ppb	0.30	1000.	
53 Cr	330.75	13.23	ppb	1.14	1000.	
55 Mn	4,805.	192.2	ppb	2.39	1000.	
56 Fe	122,325.	4,893.	ppb	3.09	100000.	
57 Fe	123,075.	4,923.	ppb	2.08	100000.	
59 Co	43.35	1.734	ppb	0.77	1000.	
60 Ni	141.3	5.652	ppb	3.10	1000.	
63 Cu	795.75	31.83	ppb	0.69	1000.	
65 Cu	810.	32.4	ppb	0.32	1000.	
66 Zn	10,865.	434.6	ppb	0.85	500.	
68 Zn	10,647.5	425.9	ppb	1.19	500.	
75 As	171.65	6.866	ppb	0.84	1000.	
82 Se	10.5475	0.4219	ppb	63.81	500.	
88 Sr	1,557.5	62.3	ppb	0.85	1000.	
89 Y	----	--------	---	---	#VALUE!	
98 Mo	22.11	0.8844	ppb	6.25	1000.	
107 Ag	3.1375	0.1255	ppb	9.43	200.	
109 Ag	2.9975	0.1199	ppb	6.51	200.	
111 Cd	26.825	1.073	ppb	1.47	500.	
114 Cd	25.95	1.038	ppb	2.62	500.	
115 In	----	--------	---	---	#VALUE!	
118 Sn	243.6	9.744	ppb	0.43	1000.	
120 Sn	244.875	9.795	ppb	0.35	1000.	
121 Sb	26.9	1.076	ppb	1.98	1000.	
123 Sb	26.175	1.047	ppb	1.75	1000.	
135 Ba	5,135.	205.4	ppb	1.07	1000.	
137 Ba	5,142.5	205.7	ppb	0.84	1000.	
182 W	35.05	1.402	ppb	1.28	1000.	
200 Hg	54.35	2.174	ppb	24.49	1000.	
202 Hg	73.5	2.94	ppb	3.66	1000.	
203 Tl	1.0835	0.0433	ppb	12.32	1000.	
205 Tl	0.9635	0.0385	ppb	9.48	1000.	
208 Pb	13,815.	552.6	ppb	0.72	1000.	
232 Th	35.8	1.432	ppb	3.66	1000.	
238 U	7.1075	0.2843	ppb	7.57	500.	

Pb = 552.6 µg/L x 1mg/1000µg x 1L/1000mL x 100mL/1.72g x 1000g/1kg x 1/0.93 x 25 (D.F.) = 764 mg/kg

ISTD Elements

Element	CPS Mean	RSD(%)	Ref Value	Rec(%)	QC Range(%)	Flag
6 Li	1231299.90	5.63	1263831.40	97.4	30 - 120	
45 Sc	1343910.40	1.39	1458033.90	92.2	30 - 120	
72 Ge	212720.73	0.42	229944.80	92.5	30 - 120	
159 Tb	2081309.80	0.27	2134809.80	97.5	30 - 120	
209 Bi	1022127.70	1.41	1014404.60	100.8	30 - 120	

ISTD Ref File : C:\ICPCHEM\1\DATA\FWA05A.B\007CALB.D\007CALB.D#

0 :Element Failures — 0 :Max. Number of Failures Allowed
0 :ISTD Failures — 0 :Max. Number of ISTD Failures Allowed

Data Results:

Analytes: Pass
ISTD: Pass

INSTRUMENT RUNLOG

Instrument: AGILENT 7500

SAMPLE ID	DF	FILE	DATE	TIME	ANALYST
Cal Blank	1	FWA05A	1/5/06 11:35:00 A	11:35	EAM
Cal Std 1	1	FWA05A	1/5/06 11:43:00 A	11:43	EAM
Cal Std 2	1	FWA05A	1/5/06 11:51:00 A	11:51	EAM
Cal Std 3	1	FWA05A	1/5/06 11:58:00 A	11:58	EAM
Cal Std 4	1	FWA05A	1/5/06 12:06:00 P	12:06	EAM
Blank	1	FWA05A	1/5/06 12:14:00 P	12:14	EAM
ICV	1	FWA05A	1/5/06 12:21:00 P	12:21	EAM
ICB	1	FWA05A	1/5/06 12:29:00 P	12:29	EAM
PQL	1	FWA05A	1/5/06 12:37:00 P	12:37	EAM
HIGH STD	1	FWA05A	1/5/06 12:45:00 P	12:45	EAM
Blank	1	FWA05A	1/5/06 12:52:00 P	12:52	EAM
CRI	5	FWA05A	1/5/06 1:00:00 PM	13:00	EAM
ICSA	1	FWA05A	1/5/06 1:08:00 PM	13:08	EAM
ICSAB	1	FWA05A	1/5/06 1:15:00 PM	13:15	EAM
Blank	1	FWA05A	1/5/06 1:23:00 PM	13:23	EAM
CCV	1	FWA05A	1/5/06 1:31:00 PM	13:31	EAM
CCB	1	FWA05A	1/5/06 1:39:00 PM	13:39	EAM
RINSE	1	FWA05A	1/5/06 1:46:00 PM	13:46	EAM
CCV	1	FWA05A	1/5/06 1:54:00 PM	13:54	EAM
CCB	1	FWA05A	1/5/06 2:02:00 PM	14:02	EAM
WV6846-001	5	FWA05A	1/5/06 2:10:00 PM	14:10	EAM
WV6739-001	5	FWA05A	1/5/06 2:17:00 PM	14:17	EAM
WV6739-002	5	FWA05A	1/5/06 2:25:00 PM	14:25	EAM
PBSVL27ICS0	5	FWA05A	1/5/06 2:33:00 PM	14:33	EAM
WV6482-001	5	FWA05A	1/5/06 2:41:00 PM	14:41	EAM
WV6482-002	5	FWA05A	1/5/06 2:48:00 PM	14:48	EAM
WV6482-003	5	FWA05A	1/5/06 2:56:00 PM	14:56	EAM
LCSWVL20ICW0	10	FWA05A	1/5/06 3:04:00 PM	15:04	EAM
LCSOVL27ICS0	10	FWA05A	1/5/06 3:11:00 PM	15:11	EAM
LC2OVL27ICS0	10	FWA05A	1/5/06 3:19:00 PM	15:19	EAM
CCV	1	FWA05A	1/5/06 3:27:00 PM	15:27	EAM
CCB	1	FWA05A	1/5/06 3:35:00 PM	15:35	EAM
WV6482-004	5	FWA05A	1/5/06 3:42:00 PM	15:42	EAM
WV6482-005	5	FWA05A	1/5/06 3:50:00 PM	15:50	EAM
WV6482-006	5	FWA05A	1/5/06 3:58:00 PM	15:58	EAM
WV6482-007	5	FWA05A	1/5/06 4:06:00 PM	16:06	EAM
WV6482-008	5	FWA05A	1/5/06 4:13:00 PM	16:13	EAM
WV6482-009	5	FWA05A	1/5/06 4:21:00 PM	16:21	EAM
WV6482-010	5	FWA05A	1/5/06 4:29:00 PM	16:29	EAM
WV6482-011	25	FWA05A	1/5/06 4:36:00 PM	16:36	EAM
WV6482-012	25	FWA05A	1/5/06 4:44:00 PM	16:44	EAM
WV6482-013	5	FWA05A	1/5/06 4:52:00 PM	16:52	EAM
CCV	1	FWA05A	1/5/06 5:00:00 PM	17:00	EAM
CCB	1	FWA05A	1/5/06 5:07:00 PM	17:07	EAM

SAMPLE ID	DF	FILE	DATE	TIME	ANALYST
WV6482-016	5	FWA05A	1/5/06 5:15:00 PM	17:15	EAM
WV6482-017	5	FWA05A	1/5/06 5:23:00 PM	17:23	EAM
WV6828-001	5	FWA05A	1/5/06 5:30:00 PM	17:30	EAM
PBWVL28ICW0	5	FWA05A	1/5/06 5:38:00 PM	17:38	EAM
WV6482-019	5	FWA05A	1/5/06 5:46:00 PM	17:46	EAM
WV6482-020	5	FWA05A	1/5/06 5:54:00 PM	17:54	EAM
WV6482-021	5	FWA05A	1/5/06 6:01:00 PM	18:01	EAM
WV6482-022	5	FWA05A	1/5/06 6:09:00 PM	18:09	EAM
LCSWVL29ICW1	10	FWA05A	1/5/06 6:17:00 PM	18:17	EAM
LCSWVL28ICW0	10	FWA05A	1/5/06 6:25:00 PM	18:25	EAM
CCV	1	FWA05A	1/5/06 6:32:00 PM	18:32	EAM
CCB	1	FWA05A	1/5/06 6:40:00 PM	18:40	EAM
PBWVL29ICW1	5	FWA05A	1/5/06 6:48:00 PM	18:48	EAM
WV6482-023	5	FWA05A	1/5/06 6:56:00 PM	18:56	EAM
WV6482-024	5	FWA05A	1/5/06 7:03:00 PM	19:03	EAM
WV6482-025	5	FWA05A	1/5/06 7:11:00 PM	19:11	EAM
WV6482-026	5	FWA05A	1/5/06 7:19:00 PM	19:19	EAM
WV6482-027	5	FWA05A	1/5/06 7:27:00 PM	19:27	EAM
WV6482-028	5	FWA05A	1/5/06 7:35:00 PM	19:35	EAM
WV6482-029	5	FWA05A	1/5/06 7:42:00 PM	19:42	EAM
WV6482-030	5	FWA05A	1/5/06 7:50:00 PM	19:50	EAM
WV6482-031	5	FWA05A	1/5/06 7:58:00 PM	19:58	EAM
CCV	1	FWA05A	1/5/06 8:06:00 PM	20:06	EAM
CCB	1	FWA05A	1/5/06 8:13:00 PM	20:13	EAM
WV6881-001	5	FWA05A	1/5/06 8:21:00 PM	20:21	EAM
PBWVL20ICW0	5	FWA05A	1/5/06 8:29:00 PM	20:29	EAM
LC2WVL20ICW0	10	FWA05A	1/5/06 8:36:00 PM	20:36	EAM
RINSE	1	FWA05A	1/5/06 8:44:00 PM	20:44	EAM
PBWVL29ICW0	5	FWA05A	1/5/06 8:52:00 PM	20:52	EAM
WV6858-001	5	FWA05A	1/5/06 9:00:00 PM	21:00	EAM
LCSWVL29ICW0	10	FWA05A	1/5/06 9:08:00 PM	21:08	EAM
LC2WVL29ICW0	10	FWA05A	1/5/06 9:15:00 PM	21:15	EAM
CCV	1	FWA05A	1/5/06 9:23:00 PM	21:23	EAM
CCB	1	FWA05A	1/5/06 9:31:00 PM	21:31	EAM
WV6858-002	5	FWA05A	1/5/06 9:39:00 PM	21:39	EAM
WV6780-004	5	FWA05A	1/5/06 9:46:00 PM	21:46	EAM
PBT697A	25	FWA05A	1/5/06 9:54:00 PM	21:54	EAM
PBWVL30ICW0	5	FWA05A	1/5/06 10:02:00 P	22:02	EAM
WV6780-002T	25	FWA05A	1/5/06 10:10:00 P	22:10	EAM
WV6780-003T	25	FWA05A	1/5/06 10:17:00 P	22:17	EAM
WV6829-002T	25	FWA05A	1/5/06 10:25:00 P	22:25	EAM
LCSWVL30ICW0	10	FWA05A	1/5/06 10:33:00 P	22:33	EAM
CCV	1	FWA05A	1/5/06 10:41:00 P	22:41	EAM
CCB	1	FWA05A	1/5/06 10:48:00 P	22:48	EAM
PBSWA3ICS0	5	FWA05A	1/5/06 10:56:00 P	22:56	EAM
LCSOWA03ICS0	10	FWA05A	1/5/06 11:04:00 P	23:04	EAM
LC2OWA03ICS0	10	FWA05A	1/5/06 11:12:00 P	23:12	EAM

SAMPLE ID	DF	FILE	DATE	TIME	ANALYST
WV6482-011	5	FWA05A	1/5/06 11:19:00 P	23:19	EAM
WV6482-012	5	FWA05A	1/5/06 11:27:00 P	23:27	EAM
CCV	1	FWA05A	1/5/06 11:35:00 P	23:35	EAM
CCB	1	FWA05A	1/5/06 11:43:00 P	23:43	EAM
CRI	5	FWA05A	1/5/06 11:50:00 P	23:50	EAM
ICSA	1	FWA05A	1/5/06 11:58:00 P	23:58	EAM
ICSAB	1	FWA05A	1/6/06 12:06:00 A	0:06	EAM
Blank	1	FWA05A	1/6/06 12:13:00 A	0:13	EAM
CCV	1	FWA05A	1/6/06 12:21:00 A	0:21	EAM
CCB	1	FWA05A	1/6/06 12:29:00 A	0:29	EAM

Sample QC Report

Data File:	C:\ICPCHEM\1\DATA\FWA05A.B\087SMPL.D\087SMPL.D#
Date Acquired:	Jan 5 2006 09:54 pm
Acq. Method:	K2008.M
Operator:	EAM
Sample Name:	PBT697A
Misc Info:	DILUTION - 0.4/10
Vial Number:	2507
Current Method:	C:\ICPCHEM\1\METHODS\K2008.M
Calibration File:	C:\ICPCHEM\1\CALIB\K2008.C
Last Cal. Update:	Jan 05 2006 00:08 pm
Sample Type:	Sample
Dilution Factor:	25.00
Autodil Factor:	Undiluted
Final Dil Factor:	25.00

QC Elements

Element	Corr Conc	Raw Conc	Units	RSD(%)	High Limit	Flag
7 Li	204.525	8.181	ppb ---		#VALUE!	
9 Be	0.0145	0.0006	ppb	192.65	1000.	
11 B	13.1925	0.5277	ppb	7.82	1000.	
23 Na	75.125	3.005	ppb	14.55	100000.	
25 Mg	50.45	2.018	ppb	18.13	100000.	
27 Al	120.575	4.823	ppb	8.72	10000.	
28 Si	164.625	6.585	ppb	12.20	50000.	
29 Si	219.175	8.767	ppb	69.60	50000.	
39 K	240.575	9.623	ppb	6.61	100000.	
43 Ca	248.225	9.929	ppb	13.56	100000.	
44 Ca	253.5	10.14	ppb	8.32	100000.	
51 V	2.2595	0.0904	ppb	6.85	1000.	
52 Cr	4.4425	0.1777	ppb	5.25	1000.	
53 Cr	31.225	1.249	ppb	8.34	1000.	
55 Mn	29.15	1.166	ppb	3.24	1000.	
56 Fe	1,229.5	49.18	ppb	2.17	100000.	
57 Fe	347.25	13.89	ppb	3.46	100000.	
59 Co	0.2425	0.0097	ppb	0.75	1000.	
60 Ni	1.392	0.0557	ppb	2.40	1000.	
63 Cu	7.1375	0.2855	ppb	4.94	1000.	
65 Cu	8.2525	0.3301	ppb	9.35	1000.	
66 Zn	30.95	1.238	ppb	3.95	500.	
68 Zn	30.675	1.227	ppb	4.67	500.	
75 As	3.2675	0.1307	ppb	27.48	1000.	
82 Se	3.91	0.1564	ppb	64.07	500.	
88 Sr	0.872	0.0349	ppb	21.86	1000.	
89 Y	----	--------	--- ---		#VALUE!	
98 Mo	1.071	0.0428	ppb	22.86	1000.	
107 Ag	-0.0476	-0.0019	ppb	73.53	200.	
109 Ag	-0.04	-0.0016	ppb	76.99	200.	
111 Cd	0.3803	0.0152	ppb	17.17	500.	
114 Cd	0.1236	0.0049	ppb	26.82	500.	
115 In	----	--------	--- ---		#VALUE!	
118 Sn	0.5925	0.0237	ppb	6.34	1000.	
120 Sn	0.6653	0.0266	ppb	17.18	1000.	
121 Sb	-0.2261	-0.009	ppb	93.52	1000.	
123 Sb	0.0293	0.0012	ppb	669.14	1000.	
135 Ba	3.755	0.1502	ppb	13.94	1000.	
137 Ba	3.32	0.1328	ppb	3.55	1000.	
182 W	0.9738	0.039	ppb	14.20	1000.	
200 Hg	0.0402	0.0016	ppb	5679.30	1000.	
202 Hg	-0.285	-0.0114	ppb	487.11	1000.	
203 Tl	0.4978	0.0199	ppb	41.34	1000.	
205 Tl	0.4153	0.0166	ppb	38.49	1000.	
208 Pb	2.0738	0.083	ppb	5.49	1000.	
232 Th	0.0967	0.0039	ppb	33.00	1000.	
238 U	0.0568	0.0023	ppb	38.27	500.	

ISTD Elements

Element	CPS Mean	RSD(%)	Ref Value	Rec(%)	QC Range(%)	Flag
6 Li	1150431.90	1.55	1263831.40	91.0	30 - 120	
45 Sc	1312920.00	1.21	1458033.90	90.0	30 - 120	
72 Ge	198968.52	0.53	229944.80	86.5	30 - 120	
159 Tb	1977555.40	1.45	2134809.80	92.6	30 - 120	
209 Bi	906783.19	3.55	1014404.60	89.4	30 - 120	

ISTD Ref File : C:\ICPCHEM\1\DATA\FWA05A.B\007CALB.D\007CALB.D#

0 :Element Failures — 0 :Max. Number of Failures Allowed
0 :ISTD Failures — 0 :Max. Number of ISTD Failures Allowed

Data Results:

Analytes: Pass
ISTD: Pass

APPENDIX E

SUPPORTING INFORMATION FOR HUMAN HEALTH RISK ASSESSMENT

APPENDIX D.1

USEPA HUMAN HEALTH RISK CHARACTERIZATION CALCULATIONS AND RESULTS

TABLE D-1

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - RESIDENTIAL EXPOSURES TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	6.4	6E-06	Cancer, None Specified	21	2
Aroclor-1260	0.36	0.5	7E-07	Cancer, Immunological	1.6	0.2
Aluminum	24500	NA	NA	Body Weight	80000	0.3
Arsenic	2.1	2.1	1E-06	Cardiovascular, Skin	26	0.08
Iron	13700	NA	NA	Gastrointestinal	53000	0.3
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	8E-06		Total HI	3

1 - Table II Soil Cleanup Target Levels (FDEP, April 2005). Some noncarcinogenic SCTLs not presented in Table II were calculated as per the methodology presented in Technical Report: Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Final Report, February, 2005.

NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-2

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - TYPICAL INDUSTRIAL EXPOSURES TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	9.3	4E-06	Cancer, None Specified	56	0.7
Aroclor-1260	0.36	2.6	1E-07	Cancer, Immunological	23	0.02
Aluminum	24500	NA	NA	Body Weight	1000000	0.02
Arsenic	2.1	12	2E-07	Cardiovascular, Skin	657	0.003
Iron	13700	NA	NA	Gastrointestinal	1000000	0.01
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	4E-06		Total HI	0.7

1 - Table II Soil Cleanup Target Levels (FDEP, April 2005). Some noncarcinogenic SCTLs not presented in Table II were calculated as per the methodology presented in Technical Report: Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Final Report, February, 2005.

NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-3

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - CONSTRUCTION WORKERS EXPOSED TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	196	2E-07	Cancer, None Specified	105	0.4
Aroclor-1260	0.36	7.5	5E-08	Cancer, Immunological	4.4	0.08
Aluminum	24500	NA	NA	Body Weight	11900	2
Arsenic	2.1	11.0	2E-07	Cardiovascular, Skin	83.0	0.03
Iron	13700	NA	NA	Gastrointestinal	90600	0.2
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	4E-07		Total HI	3

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-4

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - MAINTENANCE WORKERS EXPOSED TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	71	5E-07	Cancer, None Specified	920	0.04
Aroclor-1260	0.36	8.7	4E-08	Cancer, Immunological	120	0.003
Aluminum	24500	NA	NA	Body Weight	12900000	0.002
Arsenic	2.1	23	9E-08	Cardiovascular, Skin	3660	0.0006
Iron	13700	NA	NA	Gastrointestinal	5110000	0.003
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	7E-07		Total HI	0.05

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-5

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - ADOLESCENT RECREATIONAL USERS EXPOSED TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	310	1E-07	Cancer, None Specified	1700	0.02
Aroclor-1260	0.36	5	7E-08	Cancer, Immunological	31	0.01
Aluminum	24500	NA	NA	Body Weight	3510000	0.007
Arsenic	2.1	13.0	2E-07	Cardiovascular, Skin	845	0.002
Iron	13700	NA	NA	Gastrointestinal	1090000	NA
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	4E-07		Total HI	0.04

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-6

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - ADULT RECREATIONAL USERS EXPOSED TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	186	2E-07	Cancer, None Specified	930	0.04
Aroclor-1260	0.36	6.4	6E-08	Cancer, Immunological	73	0.005
Aluminum	24500	NA	NA	Body Weight	5400000	0.005
Arsenic	2.1	12	2E-07	Cardiovascular, Skin	1520	0.001
Iron	13700	NA	NA	Gastrointestinal	1700000	0.008
Lead	73	NA	NA	NA	NA	NA
		Total ILCR	4E-07		Total HI	0.06

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-7

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - LIFELONG RECREATIONAL USERS EXPOSED TO SURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	38	120	3.2E-07			
Aroclor-1260	0.36	2.8	1.3E-07			
Aluminum	24500	NA	NA			
Arsenic	2.1	6.2	NA			
Iron	13700	NA	NA			
Lead	73	NA	NA			
		Total ILCR	4E-07		Total HI	

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-8

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - RESIDENTIAL EXPOSURES TO SUBSURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	74	6.4	1E-05	Cancer, None Specified	21	4
Aluminum	1420	NA	NA	Body Weight	80000	0.02
Arsenic	2.4	2.1	1E-06	Cardiovascular, Skin	26	0.09
Iron	1930	NA	NA	Gastrointestinal	53000	0.04
		Total ILCR	1E-05		Total HI	4

1 - Table II Soil Cleanup Target Levels (FDEP, April 2005). Some noncarcinogenic SCTLs not presented in Table II were calculated as per the methodology presented in Technical Report: Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Final Report, February, 2005.

NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-9

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - TYPICAL INDUSTRIAL EXPOSURES TO SUBSURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	74	9.3	8E-06	Cancer, None Specified	56	1
Aluminum	1420	NA	NA	Body Weight	1000000	0.001
Arsenic	2.4	12	2E-07	Cardiovascular, Skin	657	0.004
Iron	1930	NA	NA	Gastrointestinal	1000000	0.002
		Total ILCR	8E-06		Total HI	1

1 - Table II Soil Cleanup Target Levels (FDEP, April 2005). Some noncarcinogenic SCTLs not presented in Table II were calculated as per the methodology presented in Technical Report: Development of Soil Cleanup Target Levels (SCTLs) for Chapter 62-777, F.A.C., Final Report, February, 2005.

NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-10

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs - CONSTRUCTION WORKERS EXPOSED TO SUBSURFACE SOIL
SITE 46
NAVAL AIR STATION, PENSACOLA
PENSACOLA, FLORIDA

Chemical	Incremental Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Point Concentration (mg/kg)	SCTL[1] (mg/kg)	Estimated ILCR	Primary Target Organs	SCTL[1] (mg/kg)	Estimated HQ
Trichloroethene	4.2	196	2E-08	Cancer, None Specified	105	0.04
Aluminum	1420	NA	NA	Body Weight	11900	0.1
Arsenic	2.4	11.0	2E-07	Cardiovascular, Skin	83.0	0.03
Iron	1930	NA	NA	Gastrointestinal	90600	0.02
		Total ILCR	2E-07		Total HI	0.2

1 - SCTLs were calculated as per the methodology presented in Appendix D.
NA - Not applicable. There are no cancer slope factors (CSF) available for this chemical.

TABLE D-11

SUMMARY OF RECEPTOR RISKS AND HAZARDS FOR COPCs
RESIDENTIAL EXPOSURE TO ONSITE GROUNDWATER
SITE 46
NAVAL AIR STATION PENSACOLA, PENSACOLA, FLORIDA

Chemical	Estimated Lifetime Carcinogenic Risk (ILCR)			Estimated Non-Carcinogenic Hazard Quotient (HQ)		
	Exposure Concentration µg/L	PRG[1] µg/L	Estimated ILCR	Primary Target Organs	PRG[1] µg/L	Estimated HQ
Bromodichloromethane	1.6	0.18	9E-06	Kidney	120	0.01
Chlorodibromomethane	0.6	0.13	5E-06	Liver	120	0.005
Chloroform	6	0.17	4E-05	Liver	80	0.08
cis-1,2-Dichloroethene	18	NA	NA	Blood	61	0.3
Tetrachloroethene	2	0.1	2E-05	Liver	61	0.03
Trichloroethene	17	0.028	6E-04	Liver	6.5	3
Vinyl chloride	4	0.02	2E-04	Liver	21	0.2
2-Methylnaphthalene[3]	11	NA	NA	Nasal	6.2	2
Bis(2-Ethylhexyl)phthalate	64	4.8	1E-05	Liver	730	0.09
Naphthalene	240	NA	NA	Nasal	6.2	39
Aluminum	16600	NA	NA	Body Weight	36000	0.5
Arsenic	13	0.045	3E-04	Cardiovascular, Skin	11	1
Barium	390	NA	NA	Cardiovascular	2600	0.2
Cadmium	8.9	NA	NA	Kidney	18	0.5
Chromium	244.0	NA	NA	Respiratory	110	2
Iron	8220	NA	NA	Gastrointestinal	11000	0.7
Manganese	505.0	NA	NA	Neurological	880	0.6
Vanadium	377.0	NA	NA	Hair Loss	36	10
		Total Carcinogenic Risk	**1E-03**		**Total HI**	**60**

Total Body Weight HI =	0.5
Total Nasal HI =	40
Total Liver HI =	3
Total Gastrointestinal HI =	0.7
Total Hair Loss HI =	10
Total Blood HI =	0.3

Total Skin HI =	1
Total Cardiovascular HI =	1
Total Neurological HI =	0.6
Total Kidney HI =	0.5
Total Respiratory HI =	2

1 - Tap Water Preliminary Remediation Goal (PRG) (USEPA Region 9, October 2004, Updated December 28, 2004).

2 - NA - Not applicable. The USEPA has not established a cancer slope factor (CSF) or noncarcinogenic reference dose (RfD) for this chemical.

3 - The PRG for naphthalene is used as a surrogate for 2-methylnaphthalene.

APPENDIX D.2

EXAMPLE CALCULATIONS OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS)

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS CONSTRUCTION WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for consturction workers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{TR \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = CSFo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = CSFd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = CSFi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Benzo(a)pyrene (cPAHs)	
SCTL	=		Soil Cleanup Target Level (mg/kg)
TR	=	1.0E-06	Target Cancer Risk (unitless)
BW	=	70	Body weight (kg)
AT	=	25550	Averaging time (days)
EF	=	250	Exposure frequency (days/year)
ED	=	1	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	330	Ingestion rate, oral (mg/day)
SA	=	3300	Surface area of skin exposed (cm^2/day)
AF	=	0.3	Adherence factor (mg/cm^2)
DA	=	0.13	Dermal absorption (unitless)
IRi	=	20	Inhalation rate (m^3/day)
VF	=	2.72E+07	Volatilization factor (m^3/kg)
PEF	=	2.43E+06	Particulate emission factor (m^3/kg)
CSFo	=	7.30E+00	Oral cancer slope factor $(mg/kg/day)^{-1}$
CSFd	=	7.30E+00	Dermal cancer slope factor $(mg/kg/day)^{-1}$
CSFi	=	3.10E+00	Inhalation cancer slope factor $(mg/kg/day)^{-1}$

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS CONSTRUCTION WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 7.30E+00 (mg/kg-day)-1 x 330 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 2.41E-03 kg-kg/mg

$Intake_{Der}$ = 7.30E+00 (mg/kg-day)-1 x 3300 cm2/day x 0.3 mg/cm2 x 0.13 x 1E-06 kg/mg

$Intake_{Der}$ = 9.40E-04 kg-kg/mg

$Intake_{Inh}$ = 3.10E+00 (mg/kg-day)-1 x 20 m3/day x (1/2.72E+07 m3/kg + 1/2.43E+06 m3/kg)

$Intake_{Inh}$ = 2.78E-05 kg-kg/mg

$$SCTL = \frac{1.E\text{-}06 \times 70\ kg \times 25550\ days}{250\ days/yr \times 1\ yrs \times 1 \times [2.41E\text{-}03\ kg\text{-}kg/mg + 9.40E\text{-}04\ kg\text{-}kg/mg + 2.78E\text{-}05\ kg\text{-}kg/mg]}$$

SCTL = 2.12E+00 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - CONSTRUCTION WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for consturction workers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{THI \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = 1/RfDo \times IRo \times 10^{-6} \text{ kg/mg}$$

$$Intake_{Der} = 1/RfDd \times SA \times AF \times DA \times 10^{-6} \text{ kg/mg}$$

$$Intake_{Inh} = 1/RfDi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Arsenic	
SCTL	=		Soil Cleanup Target Level (mg/kg)
THI	=	1	Target Hazard Index (unitless)
BW	=	70	Body weight (kg)
AT	=	365	Averaging time (days)
EF	=	250	Exposure frequency (days/year)
ED	=	1	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	330	Ingestion rate, oral (mg/day)
SA	=	3300	Surface area of skin exposed (cm^2/day)
AF	=	0.3	Adherence factor (mg/cm^2)
DA	=	0.03	Dermal absorption (unitless)
IRi	=	20	Inhalation rate (m^3/day)
VF	=	1.00E+99	Volatilization factor (m^3/kg)
PEF	=	2.43E+06	Particulate emission factor (m^3/kg)
RfDo	=	3.0E-04	Oral reference dose (mg/kg/day)
RfDd	=	3.0E-04	Dermal reference dose (mg/kg/day)
RfDi	=	3.0E-04	Inhalation reference dose (mg/kg/day)

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 4821
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - CONSTRUCTION WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 1/3.0E-04 mg/kg-day x 330 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 1.10E+00 kg-kg/mg

$Intake_{Der}$ = 1/3.0E-04 mg/kg-day x 3300 cm2/day x 0.3 mg/cm2 x 0.03 x 1E-06 kg/mg

$Intake_{Der}$ = 9.90E-02 kg-kg/mg

$Intake_{Inh}$ = 1/3.0E-04 mg/kg-day x 20 m3/day x (1/1.00E+99 m3/kg + 1/2.43E+06 m3/kg)

$Intake_{Inh}$ = 2.74E-02 kg-kg/mg

$$SCTL = \frac{1 \times 70 \text{ kg} \times 365 \text{ days}}{250 \text{ days/yr} \times 1 \text{ yrs} \times 1 \times [1.10E+00 \text{ kg-kg/mg} + 9.90E-02 \text{ kg-kg/mg} + 2.74E-02 \text{ kg-kg/mg}]}$$

SCTL = 8.33E+01 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS MAINTENANCE WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for maintenance workers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{TR \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = CSFo \times IRo \times 10^{-6} \text{ kg/mg}$$

$$Intake_{Der} = CSFd \times SA \times AF \times DA \times 10^{-6} \text{ kg/mg}$$

$$Intake_{Inh} = CSFi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Benzo(a)pyrene (cPAHs)	
SCTL	=		Soil Cleanup Target Level (mg/kg)
TR	=	1.0E-06	Target Cancer Risk (unitless)
BW	=	70	Body weight (kg)
AT	=	25550	Averaging time (days)
EF	=	30	Exposure frequency (days/year)
ED	=	25	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	50	Ingestion rate, oral (mg/day)
SA	=	3300	Surface area of skin exposed (cm^2/day)
AF	=	0.2	Adherence factor (mg/cm^2)
DA	=	0.13	Dermal absorption (unitless)
IRi	=	20	Inhalation rate (m^3/day)
VF	=	2.72E+07	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
CSFo	=	7.30E+00	Oral cancer slope factor $(mg/kg/day)^{-1}$
CSFd	=	7.30E+00	Dermal cancer slope factor $(mg/kg/day)^{-1}$
CSFi	=	3.10E+00	Inhalation cancer slope factor $(mg/kg/day)^{-1}$

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS MAINTENANCE WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 7.30E+00 (mg/kg-day)-1 x 50 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 3.65E-04 kg-kg/mg

$Intake_{Der}$ = 7.30E+00 (mg/kg-day)-1 x 3300 cm2/day x 0.2 mg/cm2 x 0.13 x 1E-06 kg/mg

$Intake_{Der}$ = 6.26E-04 kg-kg/mg

$Intake_{Inh}$ = 3.10E+00 (mg/kg-day)-1 x 20 m3/day x (1/2.72E+07 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 2.33E-06 kg-kg/mg

$$SCTL = \frac{1.E\text{-}06 \times 70\ kg \times 25550\ days}{30\ days/yr \times 25\ yrs \times 1 \times [3.65E\text{-}04\ kg\text{-}kg/mg + 6.26E\text{-}04\ kg\text{-}kg/mg + 2.33E\text{-}06\ kg\text{-}kg/mg]}$$

SCTL = 2.40E+00 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - MAINTENANCE WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for maintenance workers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{THI \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = 1/RfDo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = 1/RfDd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = 1/RfDi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Arsenic	
SCTL	=		Soil Cleanup Target Level (mg/kg)
THI	=	1	Target Hazard Index (unitless)
BW	=	70	Body weight (kg)
AT	=	9125	Averaging time (days)
EF	=	30	Exposure frequency (days/year)
ED	=	25	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	50	Ingestion rate, oral (mg/day)
SA	=	3300	Surface area of skin exposed (cm^2/day)
AF	=	0.2	Adherence factor (mg/cm^2)
DA	=	0.03	Dermal absorption (unitless)
IRi	=	20	Inhalation rate (m^3/day)
VF	=	1.00E+99	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
RfDo	=	3.0E-04	Oral reference dose (mg/kg/day)
RfDd	=	3.0E-04	Dermal reference dose (mg/kg/day)
RfDi	=	3.0E-04	Inhalation reference dose (mg/kg/day)

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - MAINTENANCE WORKERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 1/3.0E-04 mg/kg-day x 50 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 1.67E-01 kg-kg/mg

$Intake_{Der}$ = 1/3.0E-04 mg/kg-day x 3300 cm2/day x 0.2 mg/cm2 x 0.03 x 1E-06 kg/mg

$Intake_{Der}$ = 6.60E-02 kg-kg/mg

$Intake_{Inh}$ = 1/3.0E-04 mg/kg-day x 20 m3/day x (1/1.00E+99 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 5.38E-05 kg-kg/mg

$$SCTL = \frac{1 \times 70 \text{ kg} \times 9125 \text{ days}}{30 \text{ days/yr} \times 25 \text{ yrs} \times 1 \times [1.67E\text{-}01 \text{ kg-kg/mg} + 6.60E\text{-}02 \text{ kg-kg/mg} + 5.38E\text{-}05 \text{ kg-kg/mg}]}$$

SCTL = 3.66E+03 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS ADOLESCENT TRESPASSERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for adolescent trespassers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{TR \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = CSFo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = CSFd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = CSFi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Benzo(a)pyrene (cPAHs)	
SCTL	=		Soil Cleanup Target Level (mg/kg)
TR	=	1.0E-06	Target Cancer Risk (unitless)
BW	=	45	Body weight (kg)
AT	=	25550	Averaging time (days)
EF	=	45	Exposure frequency (days/year)
ED	=	10	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	100	Ingestion rate, oral (mg/day)
SA	=	3280	Surface area of skin exposed (cm^2/day)
AF	=	0.3	Adherence factor (mg/cm^2)
DA	=	0.13	Dermal absorption (unitless)
IRi	=	4.8	Inhalation rate (m^3/day)
VF	=	2.98E+07	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
CSFo	=	7.30E+00	Oral cancer slope factor $(mg/kg/day)^{-1}$
CSFd	=	7.30E+00	Dermal cancer slope factor $(mg/kg/day)^{-1}$
CSFi	=	3.10E+00	Inhalation cancer slope factor $(mg/kg/day)^{-1}$

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS ADOLESCENT TRESPASSERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 7.30E+00 (mg/kg-day)-1 x 100 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 7.30E-04 kg-kg/mg

$Intake_{Der}$ = 7.30E+00 (mg/kg-day)-1 x 3280 cm2/day x 0.3 mg/cm2 x 0.13 x 1E-06 kg/mg

$Intake_{Der}$ = 9.34E-04 kg-kg/mg

$Intake_{Inh}$ = 3.10E+00 (mg/kg-day)-1 x 4.8 m3/day x (1/2.98E+07 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 5.11E-07 kg-kg/mg

$$SCTL = \frac{1.E\text{-}06 \times 45\ kg \times 25550\ days}{45\ days/yr \times 10\ yrs \times 1 \times [7.30E\text{-}04\ kg\text{-}kg/mg + 9.34E\text{-}04\ kg\text{-}kg/mg + 5.11E\text{-}07\ kg\text{-}kg/mg]}$$

SCTL = 1.54E+00 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - ADOLESCENT TRESPASERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for adolescent trespassers exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{THI \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = 1/RfDo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = 1/RfDd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = 1/RfDi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Arsenic	
SCTL	=		Soil Cleanup Target Level (mg/kg)
THI	=	1	Target Hazard Index (unitless)
BW	=	45	Body weight (kg)
AT	=	3650	Averaging time (days)
EF	=	45	Exposure frequency (days/year)
ED	=	10	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	100	Ingestion rate, oral (mg/day)
SA	=	3280	Surface area of skin exposed (cm^2/day)
AF	=	0.3	Adherence factor (mg/cm^2)
DA	=	0.03	Dermal absorption (unitless)
IRi	=	4.8	Inhalation rate (m^3/day)
VF	=	1.00E+99	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
RfDo	=	3.0E-04	Oral reference dose (mg/kg/day)
RfDd	=	3.0E-04	Dermal reference dose (mg/kg/day)
RfDi	=	3.0E-04	Inhalation reference dose (mg/kg/day)

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - ADOLESCENT TRESPASERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 1/3.0E-04 mg/kg-day x 100 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 3.33E-01 kg-kg/mg

$Intake_{Der}$ = 1/3.0E-04 mg/kg-day x 3280 cm2/day x 0.3 mg/cm2 x 0.03 x 1E-06 kg/mg

$Intake_{Der}$ = 9.84E-02 kg-kg/mg

$Intake_{Inh}$ = 1/3.0E-04 mg/kg-day x 4.8 m3/day x (1/1.00E+99 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 1.29E-05 kg-kg/mg

$$SCTL = \frac{1 \times 45 \text{ kg} \times 3650 \text{ days}}{45 \text{ days/yr} \times 10 \text{ yrs} \times 1 \times [3.33E\text{-}01 \text{ kg-kg/mg} + 9.84E\text{-}02 \text{ kg-kg/mg} + 1.29E\text{-}05 \text{ kg-kg/mg}]}$$

SCTL = 8.45E+02 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS ADULT RECREATIONAL USERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for adult recreational users exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{TR \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = CSFo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = CSFd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = CSFi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Benzo(a)pyrene (cPAHs)	
SCTL	=		Soil Cleanup Target Level (mg/kg)
TR	=	1.0E-06	Target Cancer Risk (unitless)
BW	=	70	Body weight (kg)
AT	=	25550	Averaging time (days)
EF	=	45	Exposure frequency (days/year)
ED	=	20	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	100	Ingestion rate, oral (mg/day)
SA	=	5700	Surface area of skin exposed (cm^2/day)
AF	=	0.07	Adherence factor (mg/cm^2)
DA	=	0.13	Dermal absorption (unitless)
IRi	=	6.4	Inhalation rate (m^3/day)
VF	=	2.98E+07	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
CSFo	=	7.30E+00	Oral cancer slope factor $(mg/kg/day)^{-1}$
CSFd	=	7.30E+00	Dermal cancer slope factor $(mg/kg/day)^{-1}$
CSFi	=	3.10E+00	Inhalation cancer slope factor $(mg/kg/day)^{-1}$

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR CARCINOGENS ADULT RECREATIONAL USERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 7.30E+00 (mg/kg-day)-1 x 100 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 7.30E-04 kg-kg/mg

$Intake_{Der}$ = 7.30E+00 (mg/kg-day)-1 x 5700 cm2/day x 0.07 mg/cm2 x 0.13 x 1E-06 kg/mg

$Intake_{Der}$ = 3.79E-04 kg-kg/mg

$Intake_{Inh}$ = 3.10E+00 (mg/kg-day)-1 x 6.4 m3/day x (1/2.98E+07 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 6.81E-07 kg-kg/mg

$$SCTL = \frac{1.E\text{-}06 \times 70\ kg \times 25550\ days}{45\ days/yr \times 20\ yrs \times 1 \times [7.30E\text{-}04\ kg\text{-}kg/mg + 3.79E\text{-}04\ kg\text{-}kg/mg + 6.81E\text{-}07\ kg\text{-}kg/mg]}$$

SCTL = 1.79E+00 mg/kg

CALCULATION WORKSHEET

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - ADULT RECREATIONAL USERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

PURPOSE: To calculate an alternative soil cleanup level for adult recreational users exposed to soil.

RELEVANT EQUATIONS:

$$SCTL = \frac{THI \times BW \times AT}{EF \times ED \times FC \times [Intake_{Ing} + Intake_{Der} + Intake_{Inh}]}$$

$$Intake_{Ing} = 1/RfDo \times IRo \times 10^{-6}\ kg/mg$$

$$Intake_{Der} = 1/RfDd \times SA \times AF \times DA \times 10^{-6}\ kg/mg$$

$$Intake_{Inh} = 1/RfDi \times IRi \times (1/VF + 1/PEF)$$

Where:

Chemical	=	Arsenic	
SCTL	=		Soil Cleanup Target Level (mg/kg)
THI	=	1	Target Hazard Index (unitless)
BW	=	70	Body weight (kg)
AT	=	7300	Averaging time (days)
EF	=	45	Exposure frequency (days/year)
ED	=	20	Exposure duration (years)
FC	=	1	Fraction from contaminated source (unitless)
IRo	=	100	Ingestion rate, oral (mg/day)
SA	=	5700	Surface area of skin exposed (cm^2/day)
AF	=	0.07	Adherence factor (mg/cm^2)
DA	=	0.03	Dermal absorption (unitless)
IRi	=	6.4	Inhalation rate (m^3/day)
VF	=	1.00E+99	Volatilization factor (m^3/kg)
PEF	=	1.24E+09	Particulate emission factor (m^3/kg)
RfDo	=	3.0E-04	Oral reference dose (mg/kg/day)
RfDd	=	3.0E-04	Dermal reference dose (mg/kg/day)
RfDi	=	3.0E-04	Inhalation reference dose (mg/kg/day)

CLIENT: NAVAL AIR STATION, PENSACOLA		**JOB NUMBER:** 0007
SUBJECT: CALCULATION OF ALTERNATE SOIL CLEANUP TARGET LEVELS (SCTLS) FOR NONCARCINOGENS - ADULT RECREATIONAL USERS		
BASED ON: TECHNICAL REPORT: DEVELOPMENT OF SOIL CLEANUP TARGET LEVELS FOR CHAPTER 62-777, F.A.C., FDEP, FEBRUARY 2005		
BY: T. JACKMAN	**CHECKED BY:**	**DATE:** 11/27/2006

EXAMPLE CALCULATION

$Intake_{Ing}$ = 1/3.0E-04 mg/kg-day x 100 mg/day x 1E-06 kg/mg

$Intake_{Ing}$ = 3.33E-01 kg-kg/mg

$Intake_{Der}$ = 1/3.0E-04 mg/kg-day x 5700 cm2/day x 0.07 mg/cm2 x 0.03 x 1E-06 kg/mg

$Intake_{Der}$ = 3.99E-02 kg-kg/mg

$Intake_{Inh}$ = 1/3.0E-04 mg/kg-day x 6.4 m3/day x (1/1.00E+99 m3/kg + 1/1.24E+09 m3/kg)

$Intake_{Inh}$ = 1.72E-05 kg-kg/mg

$$SCTL = \frac{1 \times 70 \text{ kg} \times 7300 \text{ days}}{45 \text{ days/yr} \times 20 \text{ yrs} \times 1 \times [3.33E\text{-}01 \text{ kg-kg/mg} + 3.99E\text{-}02 \text{ kg-kg/mg} + 1.72E\text{-}05 \text{ kg-kg/mg}]}$$

SCTL = 1.52E+03 mg/kg

APPENDIX D.3

IEUBK CHILD LEAD MODEL
AND
TRW ADULT LEAD MODEL RESULTS

LEAD MODEL FOR WINDOWS Version 1.0

Model Version: 1.0 Build 263 (Page 1 of 3)
Location: Naval Air Station Pensacola, Florida
Site Name: Site 46
Date: 11/29/2006
Run Mode: Site Risk Assessment

Soil/Dust Data
Average concentration of lead in surface soil = 73 mg/kg.
Water Data
Average concentration of lead in groundwater = 4.34 ug/L.

The time step used in this model run: 1 - Every 4 Hours (6 times a day).

****** Air ******

Indoor Air Pb Concentration: 30.000 percent of outdoor.
Other Air Parameters:

Age	Time Outdoors (hours)	Ventilation Rate (m^3/day)	Lung Absorption (%)	Outdoor Air Pb Conc (ug Pb/m^3)
.5-1	1.000	2.000	32.000	0.100
1-2	2.000	3.000	32.000	0.100
2-3	3.000	5.000	32.000	0.100
3-4	4.000	5.000	32.000	0.100
4-5	4.000	5.000	32.000	0.100
5-6	4.000	7.000	32.000	0.100
6-7	4.000	7.000	32.000	0.100

****** Diet ******

Age	Diet Intake(ug/day)
.5-1	5.530
1-2	5.780
2-3	6.490
3-4	6.240
4-5	6.010
5-6	6.340
6-7	7.000

****** Drinking Water ******

Water Consumption:

Age	Water (L/day)
.5-1	0.200
1-2	0.500
2-3	0.520
3-4	0.530
4-5	0.550
5-6	0.580
6-7	0.590

Drinking Water Concentration: 4.340 ug Pb/L

Location: Naval Air Station Pensacola, Florida
Site Name: Site 46
Date: 11/29/2006
Run Mode: Site Risk Assessment

****** Soil & Dust ******

Multiple Source Analysis Used
Average multiple source concentration: 61.100 ug/g

Mass fraction of outdoor soil to indoor dust conversion factor: 0.700
Outdoor airborne lead to indoor household dust lead concentration: 100.000
Use alternate indoor dust Pb sources? No

Age	Soil (ug Pb/g)	House Dust (ug Pb/g)
.5-1	73.000	61.100
1-2	73.000	61.100
2-3	73.000	61.100
3-4	73.000	61.100
4-5	73.000	61.100
5-6	73.000	61.100
6-7	73.000	61.100

****** Alternate Intake ******

Age	Alternate (ug Pb/day)
.5-1	0.000
1-2	0.000
2-3	0.000
3-4	0.000
4-5	0.000
5-6	0.000
6-7	0.000

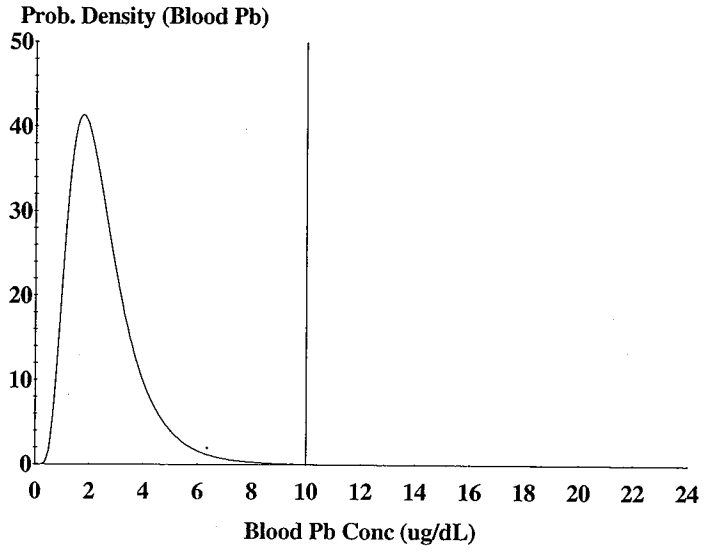
****** Maternal Contribution: Infant Model ******

Maternal Blood Concentration: 2.500 ug Pb/dL

****
CALCULATED BLOOD LEAD AND LEAD UPTAKES:
****

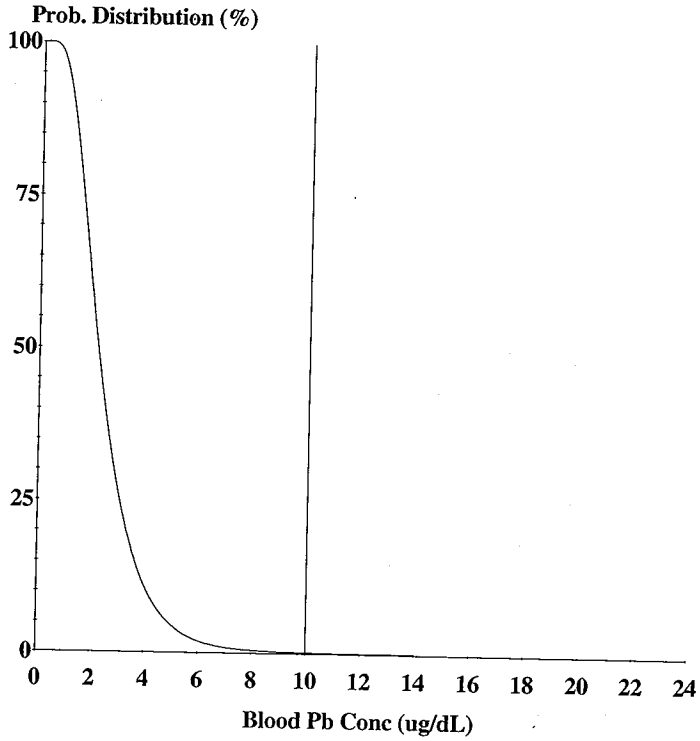
Year	Air (ug/day)	Diet (ug/day)	Alternate (ug/day)	Water (ug/day)
.5-1	0.021	2.623	0.000	0.412
1-2	0.034	2.735	0.000	1.027
2-3	0.062	3.087	0.000	1.073
3-4	0.067	2.991	0.000	1.102
4-5	0.067	2.908	0.000	1.155
5-6	0.093	3.079	0.000	1.222
6-7	0.093	3.403	0.000	1.245

Year	Soil+Dust (ug/day)	Total (ug/day)	Blood (ug/dL)
.5-1	1.608	4.663	2.6
1-2	2.547	6.343	2.7
2-3	2.560	6.783	2.5
3-4	2.580	6.740	2.4
4-5	1.929	6.059	2.1
5-6	1.743	6.137	1.9
6-7	1.648	6.390	1.8



Cutoff = 10.000 ug/dl
Geo Mean = 2.287
GSD = 1.600
% Above = 0.085
% Below = 99.915

Age Range = 0 to 84 months
Time Step = Every 4 Hours
Run Mode = Site Risk Assessment
Comment = Site 46



Cutoff = 10.000 ug/dl
Geo Mean = 2.287
GSD = 1.600
% Above = 0.085

Age Range = 0 to 84 months
Time Step = Every 4 Hours
Run Mode = Site Risk Assessment
Comment = Site 46

Calculations of Preliminary Remediation Goals (PRGs)

SITE NAME: SITE 46
LOCATION: NAVAL AIR STATION, PENSACOLA, FLORIDA
RECEPTOR: CONSTRUCTION WORKER/INDUSTRIAL WORKERS
MEDIA: SURFACE SOIL
DATE: NOVEMBER 8, 2006

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 05/19/03

Exposure Variable	PbB Equation 1*	PbB Equation 2**	Description of Exposure Variable	Units	Values for Non-Residential Exposure Scenario Using Equation 1		Using Equation 2	
					Construction Worker	Industrial Worker	Construction Worker	Industrial Worker
PbS	X	X	Soil lead concentration	ug/g or ppm	73	73	73	73
$R_{fetal/maternal}$	X	X	Fetal/maternal PbB ratio	--	0.9	0.9	0.9	0.9
BKSF	X	X	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4	0.4	0.4
GSD_i	X	X	Geometric standard deviation PbB	--	2.07	2.07	2.07	2.07
PbB_0	X	X	Baseline PbB	ug/dL	1.39	1.39	1.39	1.39
IR_S	X		Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100	0.050	--	--
IR_{S+D}		X	Total ingestion rate of outdoor soil and indoor dust	g/day	--	--	0.100	0.050
W_S		X	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--	--	1.0	1.0
K_{SD}		X	Mass fraction of soil in dust	--	--	--	0.7	0.7
$AF_{S,D}$	X	X	Absorption fraction (same for soil and dust)	--	0.12	0.12	0.12	0.12
$EF_{S,D}$	X	X	Exposure frequency (same for soil and dust)	days/yr	219	219	219	219
$AT_{S,D}$	X	X	Averaging time (same for soil and dust)	days/yr	365	365	365	365
PbB_{adult}	**PbB of adult worker, geometric mean**			**ug/dL**	**1.6**	**1.5**	**1.6**	**1.5**
$PbB_{fetal,\ 0.95}$	**95th percentile PbB among fetuses of adult workers**			**ug/dL**	**4.8**	**4.5**	**4.8**	**4.5**
PbB_t	**Target PbB level of concern (e.g., 10 ug/dL)**			**ug/dL**	**10.0**	**10.0**	**10.0**	**10.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**			**%**	**0.4%**	**0.3%**	**0.4%**	**0.3%**

[1] Equation 1 does not apportion exposure between soil and dust ingestion (excludes W_S, K_{SD}).
When $IR_S = IR_{S+D}$ and $W_S = 1.0$, the equations yield the same $PbB_{fetal,0.95}$.

***Equation 1, based on Eq. 1, 2 in USEPA (1996).**

PbB_{adult} =	$(PbS*BKSF*IR_{S+D}*AF_{S,D}*EF_S/AT_{S,D}) + PbB_0$
$PbB_{fetal,\ 0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

****Equation 2, alternate approach based on Eq. 1, 2, and A-19 in USEPA (1996).**

PbB_{adult} =	$PbS*BKSF*([(IR_{S+D})*AF_S*EF_S*W_S]+[K_{SD}*(IR_{S+D})*(1-W_S)*AF_D*EF_D])/365+PbB_0$
$PbB_{fetal,\ 0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

Source: U.S. EPA (1996). Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil

Calculations of Preliminary Remediation Goals (PRGs)

SITE NAME: SITE 46
LOCATION: NAVAL AIR STATION, PENSACOLA, FLORIDA
RECEPTOR: RECREATIONAL USERS
MEDIA: SURFACE SOIL
DATE: NOVEMBER 8, 2006

Calculations of Blood Lead Concentrations (PbBs)

U.S. EPA Technical Review Workgroup for Lead, Adult Lead Committee

Version date 05/19/03

Exposure Variable	PbB Equation 1*	PbB Equation 2**	Description of Exposure Variable	Units	Values for Non-Residential Exposure Scenario Using Equation 1: Recreational Users		Using Equation 2: Construction Worker	
PbS	X	X	Soil lead concentration	ug/g or ppm	73		73	
$R_{fetal/maternal}$	X	X	Fetal/maternal PbB ratio	--	0.9	0.9	0.9	0.9
BKSF	X	X	Biokinetic Slope Factor	ug/dL per ug/day	0.4	0.4	0.4	0.4
GSD_i	X	X	Geometric standard deviation PbB	--	2.07	2.07	2.07	2.07
PbB_0	X	X	Baseline PbB	ug/dL	1.39	1.39	1.39	1.39
IR_S	X		Soil ingestion rate (including soil-derived indoor dust)	g/day	0.100		--	--
IR_{S+D}		X	Total ingestion rate of outdoor soil and indoor dust	g/day	--	--	0.100	0.000
W_S		X	Weighting factor; fraction of IR_{S+D} ingested as outdoor soil	--	--	--	1.0	1.0
K_{SD}		X	Mass fraction of soil in dust	--	--	--	0.7	0.7
$AF_{S,D}$	X	X	Absorption fraction (same for soil and dust)	--	0.12	0.12	0.12	0.12
$EF_{S,D}$	X	X	Exposure frequency (same for soil and dust)	days/yr	45		45	219
$AT_{S,D}$	X	X	Averaging time (same for soil and dust)	days/yr	365	365	365	365
PbB_{adult}	**PbB of adult worker, geometric mean**			**ug/dL**	**1.4**	**1.4**	**1.4**	**1.4**
$PbB_{fetal,0.95}$	**95th percentile PbB among fetuses of adult workers**			**ug/dL**	**4.3**	**4.1**	**4.3**	**4.1**
PbB_t	**Target PbB level of concern (e.g., 10 ug/dL)**			**ug/dL**	**10.0**	**10.0**	**10.0**	**10.0**
$P(PbB_{fetal} > PbB_t)$	**Probability that fetal PbB > PbB_t, assuming lognormal distribution**			**%**	**0.2%**	**0.2%**	**0.2%**	**0.2%**

[1] Equation 1 does not apportion exposure between soil and dust ingestion (excludes W_S, K_{SD}).
When $IR_S = IR_{S+D}$ and $W_S = 1.0$, the equations yield the same $PbB_{fetal,0.95}$.

***Equation 1, based on Eq. 1, 2 in USEPA (1996).**

PbB_{adult} =	$(PbS*BKSF*IR_{S+D}*AF_{S,D}*EF_S/AT_{S,D}) + PbB_0$
$PbB_{fetal,0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

****Equation 2, alternate approach based on Eq. 1, 2, and A-19 in USEPA (1996).**

PbB_{adult} =	$PbS*BKSF*([(IR_{S+D})*AF_S*EF_S*W_S]+[K_{SD}*(IR_{S+D})*(1-W_S)*AF_D*EF_D])/365+PbB_0$
$PbB_{fetal,0.95}$ =	$PbB_{adult} * (GSD_i^{1.645} * R)$

Source: U.S. EPA (1996). Recommendations of the Technical Review Workgroup for Lead for an Interim Approach to Assessing Risks Associated with Adult Exposures to Lead in Soil

APPENDIX F

RESPONSE TO REGULATORS COMMENTS

Responses to Florida Department of Environmental Protection Comments dated February 22, 2007 on the Draft Remedial Investigation Report for Site 46 (Former Building 72), Naval Air Station Pensacola, Florida

Comment 1 (Page 4-45, Section 4.4, Surface Water and Sediments, 1st paragraph, 1st sentence) - The following sentence states, "Surface water and sediment samples were not collected for the site characterization investigation at Site 46 because no surface water bodies are present at the site." In the next sentence Pensacola Bay is referred to and Pensacola Bay is a marine surface water body and it is located downgradient from the site on the Southern boundary. Please clarify.

Response - Pensacola Bay is adjacent to the southern edge of Site 46, the boundary between the sites was established at the concrete seawall. This part of Pensacola Bay was previously investigated as Installation Restoration (IR) Site 2 because past waste disposal practices in this area of the base included disposal of untreated waste streams directly into the bay from industrial facilities, including the operations at Site 46.

An extensive surface water, sediment, and biological analytical program was conducted for Site 2 during the RI and focused feasibility study (FS). The proposed plan (July, 2005) and the final record of decision (signed September 2005) recommended no action (NA) based on the results of this investigation. The text of the Site 46 RI report will be edited to clarify the spatial relationship between the two sites and the NA status of Site 2.

Comment 2 (Chapters 6 and 7) - The Department supports and concurs with the attached comments on Chapter 6 "Human Health Risk Assessment" and Chapter 7 "Screening Level Ecological and Risk Assessment" which were reviewed by the University of Florida.

Response - Please see attached responses for the University of Florida review comments.

Comment 3 (Page 8-3, Section 8.3, Groundwater Assessment, 2nd paragraph) - This paragraph discusses groundwater analytical results for pesticides, PCBs and TRPH and says lab analyses for those analytes had results that were below the laboratory detection limits. Please explain whether the "laboratory detection limits" cited are method detection limits (MDLs) or Practical Quantitation Limits (PQLs). Also, it should be stated whether those "laboratory detection limits" are below the applicable groundwater cleanup target levels (GCTLs) or below the concentrations listed in Table C, in the guidance document entitled, "Guidance for the Selection of Analytical Methods and for the Evaluation of Practical Quantitation Limits". If the "laboratory detection limit" for a particular analyte exceeds the GCTL for that analyte, and the PQL in the guidance document for that analyte, it may be required to have groundwater reanalyzed by a different EPA Method or by another laboratory in order to get data verifying the absence of that analyte.

Response - The text will be modified to clearly indicate that the "laboratory detection limits" for these analytes were less than the GCTLs or the target PQLs listed in Table C.

Comment 4 (Page 8-4, Figure 8-2, Extent of Impact to Site Groundwater Site 46) - What does the shading in this figure indicate? Please clarify and make the necessary changes to the figure.

Response - The figure will be edited to clearly denote the meaning of the shading. The area was shaded in the summary figure to indicate the estimated areal extent of the CVOC plume in groundwater.

Comment 5 (Section 8.3, Groundwater Assessment) - Contaminants of Concern (COC) detected in the groundwater and their impact on the Pensacola Bay surface water body are discussed in this section. The COCs that exceed Marine Surface Water Cleanup Target Levels (MWSWCTLs) are listed below:

- Vinyl Chloride
- Bis(2-Ethylhexyl)phthalate
- Naphthalene
- Beryllium
- Nickel

The COCs listed above have been detected in concentrations that exceed MWSWCTL in sentry monitoring wells located adjacent to the Pensacola Bay. This contamination is a violation per Chapter 62-780, F.A.C. The Department recommends the following to determine if groundwater is contaminating Pensacola Bay:

- Install additional sentry monitoring wells closer to Pensacola Bay to determine if the groundwater contamination is affecting Pensacola Bay or
- conduct a Trident probe study to determine the same thing.

Response - Bis(2-ethylhexyl)phthalate was detected at a concentration greater than the GCTL in one groundwater sample, the field duplicate collected at PEN-46-14 (Section 4.3.1.2 of the RI report). The reported concentration in 46GW1401D was 64 ug/L, greater than the GCTL of 6 ug/L. The bis(2-ethylhexyl)phthalate concentration for the corresponding groundwater sample (46GW1401) was less than 7 ug/L. PEN-46-14 was resampled in May 2006 and the bis(2-ethylhexyl)phthalate result from that sampling event was less than 5.1 ug/L. The result of the May 2006 re-sampling has been added to Table 4-9. Although the detection limit in the May 2006 sample, 5.1 ug/L, was greater than the MWSWCTL of 2.2 ug/L, the target PQL for bis(2-ethylhexyl)phthalate in groundwater is 10 ug/L.

Beryllium concentrations in groundwater samples collected for the Site 46 RI ranged from less than 0.05 μg/L to 0.74 μg/L. Although beryllium concentrations in two groundwater samples were greater than the MWSWCTL of 0.13 μg/L, all were less than the NAS Pensacola reference concentration of 1.1 μg/L (Table 4-10).

Nickel concentrations in groundwater samples collected for the Site 46 RI ranged from 0.87 ug/L to 17.8 ug/L. Although the nickel concentration in one groundwater sample (46GW1401 collected from PEN-46-14) was greater than the MWSWCTL of 8.3 ug/L, all were less than the NAS Pensacola reference concentration of 40 ug/L (Table 4-10).

Vinyl chloride and naphthalene were detected in one or more of the wells close to Pensacola Bay at concentrations greater than MWSWCTLs. Installation of sentinel wells closer to the Bay was not feasible due to reconstruction along the sea wall following Hurricane Ivan. Additional sampling in Pensacola Bay (trident probe) is not considered necessary because the area of Pensacola Bay adjacent to Site 46 was investigated as IR Site 2. Please see response to comment 1 regarding IR Site 2. Site 2 has been approved for NFA, because the impact of releases from Site 46 and the adjacent industrial areas, including Site 38, appear to be minimal.

Comment 6 (Section 8.8 “Conclusions”) - In this section, the proposed remedy for this site is Monitored Natural Attenuation. The Department will consider this option after the issues explained in the previous comments have been addressed. In addition, an explanation on how the inorganic groundwater contamination naturally attenuates needs to be included when discussing this remedy.

Response - Site 38, located to the immediate east of Site 46, has been investigated and the final ROD was issued in 2005, which selected LUCs and MNA as the remedy for Site 38 groundwater contamination. Similar contaminants, including CVOCs and metals, were found at Site 38 and Site 46. Evaluation of the site conditions led to the selection of MNA as the remedial option for Site 38 groundwater contamination. Because of the proximity and similarity of the two sites, MNA is considered as an appropriate remedial option for groundwater at Site 46. A full evaluation of remedial options will conducted during the Feasibility Study for Site 46.

Responses to University of Florida Comments
dated September 25, 2007
on the
Draft Remedial Investigation Report for Site 46 (Former Building 72),
Naval Air Station Pensacola, Florida

Comment 1. - Bromodichloromethane and chlorodibromomethane were detected in groundwater samples (PEN-46-01 and PEN-46-14) at concentrations greater than their GCTLs. They are subsequently dropped as COPCs for groundwater without explanation. Bromodichloromethane and chlorodibromomethane should remain as COPCs.

Response - Bromodichloromethane and chlorodibromomethane were identified as COPCs for groundwater and were quantitatively evaluated in the risk assessment as shown in Table 6-5, 6-14, and page 6-67. Both chemical compounds were evaluated in the risk assessment.

Comment 2. –The report describes surface soil as soil from zero to six inches below land surface (bls) and subsurface soil as greater than six inches bls. Chapter 62-780 FAC defines surface soil as soil located from zero to two feet bls and subsurface soil as soil greater than two feet bls.

Response - The Navy concurs. The definitions of surface and subsurface soil specified by Chapter 62-780 will be added to the text. Please note that use of the Chapter 62-780 definitions will not change the results and conclusions of the risk assessment because risks were evaluated using maximum concentrations in surface and subsurface soil, as shown in Tables 6-6 through 6-13. Therefore, it will not be necessary to revise these tables.

Comment 3. –Page 6-6 of the report states that screening levels for sodium are not available in the FDEP CTL tables. This is incorrect for groundwater. Sodium has a GCTL of 160,000 ug/L (a secondary standard) (Chapter 62-777, FAC) and should be identified as a COPC for groundwater.

Response – The Navy concurs. Sodium and its CTL (160,000 ug/L) will be added to Table 6-14.

Comment 4. –We recommend adding the incidental ingestion of groundwater to the construction worker scenario due to the likely exposure to shallow groundwater during construction activities.

Response - Although possible, exposure to groundwater by a construction worker would be regarded as negligible relative to direct exposure to soil. The text will be modified to reflect that this exposure pathway is possible, but its contribution to overall risk would be insignificant.

The following revisions will be made to the text in Section 6.3.1, page 6-20:

- Construction/Excavation Worker – A plausible on-site receptor under future land use if major construction activities were to occur. This receptor could be exposed to surface and subsurface soils by incidental ingestion, dermal contact, and inhalation (i.e., airborne particulates/vapors). The construction worker is assumed to be exposed to soil for 250 days per year (USEPA, 2002b) assuming a Reasonable Maximum Exposure (RME) scenario. Although possible, direct exposure to groundwater by a construction worker is not quantitatively evaluated in the risk assessment. This scenario is considered to be unlikely and risks from exposure to groundwater (via incidental ingestion of small amounts of water) are regarded as negligible relative to direct exposure to soil. In addition, evaluation of exposure of construction workers to groundwater is not specified or recommended in Rule 62-777 FAC.

Comment 5. –An exposure frequency of 30 d/y for the site maintenance worker (based on professional judgment) seems low given the Pensacola area climate. Some documentation from NAS Pensacola regarding the expected frequency of groundskeeping and maintenance events for this part of the base will be important in helping to justify this exposure assumption.

Response - The EF of 30 days/year is recognized as professional judgment for evaluating risk at the site. A EF of 30 days/year for the maintenance worker has been used in human health risk assessments performed at various Navy facilities in Florida for at least 10 years (e.g., Naval Training Center, Orlando (June 1999) and NAS Whiting Field (January 1998) for reasonable maximum exposure (RME) scenarios. This exposure frequency has also been used in previous risk assessments at NAS Pensacola, (e.g., Site 43). It should be recognized that this provides a point of reference to the industrial worker who is assumed to have an EF of 250 days/year and for whom risks have also been calculated.

Comment 6. –Adult and adolescent recreational users and trespassers were assumed to be exposed to on-site soil for 45 d/y based on professional judgment. Although 45 d/y may be an appropriate exposure frequency for a trespasser, it is low for recreational users. We recommend using an exposure of 200 d/y for the recreational scenario. This value has been used by the FDEP for recreational scenarios at other sites.

Response - As stated, the exposure frequency for recreational users and trespassers is based on professional judgment. The 45 days per year is based on an estimate for swimming frequency in the southeast; this estimate is stated in EPA Region 4 guidance (Supplemental Guidance to RAGS: Human Health Risk Assessment Bulletins, EPA Region 4). Although the recreational user or trespasser at this site is not equivalent to a swimmer, it helps to predict the frequency that one may trespass or recreate, which may be similar to going to a lake or pond to swim. The Navy believes that the swimming frequency of 45 days per year was sufficiently conservative with regards to evaluating a reasonably maximum exposed individual. We believe that it is unlikely that a recreational user or trespasser would be at the site for an average of 4 days per week. Increasing the exposure frequency to 200 days per year renders these receptors essentially equivalent to an industrial worker. It is unlikely that the Navy would tolerate trespassers on the property with a frequency of 200 days per year.

In addition, a recreational EF of 45 days/year has been used in human health risk assessments performed at other Navy facilities in Florida (e.g., Naval Training Center, Orlando (June 1999) and NAS Whiting Field (January 1998) for reasonable maximum exposure (RME) scenarios. This exposure frequency has also been used in previous risk assessments at NAS Pensacola, (e.g., Site 43).

Comment 7. –The IEUBK Model for lead was used to assess exposure to lead in children from groundwater. The average groundwater lead concentration was used as the exposure point concentration in the model. Receptors are usually exposed to groundwater from only one well. Averaging contaminant concentrations across wells would not accurately represent potential exposure scenarios. The exposure point concentration for lead in groundwater should be the maximum detected concentration.

Response - Average lead concentrations were used for the IEUBK Model evaluation because current USEPA guidance indicates that average lead concentrations should be used for both the IEUBK (http://www.epa.gov/superfund/lead/ieubkfaq.htm#mean) and ALM (http://www.epa.gov/superfund/lead/almfaq.htm#equation) models. Please note that if the maximum lead concentration in groundwater (23.7 ug/L) were used in the IEUBK Model, the results would still be acceptable. The predicted geometric mean child blood lead level would be 3.7 ug/dL and the probability of exceeding the USEPA goal of 10 ug/dL would be 1.8 per cent. This estimate is less than USEPA's goal of limiting exposure to lead so that no more than 5 percent of the exposed children have an estimated blood-lead level greater than the established level of concern (i.e., 10 ug/dL).

Comment 8. –It is assumed that the grounds maintenance worker will spend at least part of the day outdoors. Therefore, we recommend using the US EPA default outdoor worker soil ingestion rate of 100 mg/d for this scenario (US EPA, 2002).

Response - The Navy disagrees with increasing the soil ingestion rate from 50 to mg/kg to 100 mg/kg. The soil ingestion rate is consistent with FDEP's exposure assumption for an industrial worker, which forms the basis for the derivation of the industrial SCTLs.

Comment 9. –Future adult recreational users/trespassers under the same conditions as the adolescents (95th percentile value for soccer players in moist conditions) have a skin adherence factor of 0.08 mg/cm^2 (US EPA, 2004). We recommend changing the adult skin adherence factor to reflect the same conditions as the adolescent.

Response - Changing the skin adherence factor from 0.07 mg/cm^2 to 0.08 mg/cm^2 will pose a negligible change to the overall risk, and would have no significant impact on any risk management decisions. The adherence factor of 0.07 mg/cm^2 is taken from Exhibit 3-5 in EPA's Risk Assessment Guidance for Superfund, Volume I: Human Health Evaluation Manual (Part E, Supplemental Guidance for Dermal Risk Assessment) (EPA, July 2004). It is consistent with residential exposure conditions. The value of 0.08 mg/cm^2 is the 95th percentile adherence factor for an adult soccer player in moist conditions. This value is also presented in the referenced guidance (EPA, July 2004).

Comment 10. –The list of COPCs in surface soil is incomplete. Phenol (Table 6-9), aluminum (Table 4-4), lead (Table 4-4), and methylene chloride (Table 4-6) exceed their SCTLs for leachability to groundwater.

Response – The Navy concurs with regard to aluminum, lead, and phenol. These analytes will be added to the list of COPCs for leachability to groundwater in Section 6.6.3.1. Methylene chloride was not positively detected in any surface soil samples (see Response to Comment 2).

<u>Comparison of Chemicals in Surface Soil with Leachability SCTLs</u>

Table 6-9 presents comparisons of maximum detected concentrations in surface soil with Florida criteria based on leachability to groundwater. As shown in the table, the following constituents had maximum concentrations which exceeded the leachability criteria:

- Acetone
- Chloromethane
- PCE
- TCE
- Phenol
- Aluminum
- Lead

Comment 11. –The list of COPCs in subsurface soil is incomplete. Methylene chloride (Table 6-13) and lead (Table 4-4) remain of concern for leachability to groundwater.

Response – The Navy concurs. These constituents will be added to the list of COPCs for leachability to groundwater in Section 6.6.3.2, as indicated below.

- Chloromethane
- Cis-1,2-DCE
- Chloroform
- Methylene Chloride
- PCE
- TCE
- Lead

The addition of methylene chloride and lead to the above table does not affect the conclusions of the risk assessment as the exceedances were correctly indicated in Table 6-13.

Comment 12. –The list of COPCs for groundwater is incomplete. Arsenic (Table 6-14) and sodium (Table 4-8) exceed their GCTLs.

Response – The Navy concurs. These constituents will be added to the list of COPCs for groundwater in Section 6.6.3.3. The list of COCs on page 6-67 will be revised as follows:

FLORIDA GROUNDWATER EVALUATION

Potential COCs for Groundwater
Bromodichloromethane
Chlorodibromomethane
TCE
Vinyl chloride
Bis(2-ethylhexyl)phthalate
Naphthalene
Aluminum
Arsenic
Barium
Cadmium
Chromium
Iron
Lead
Manganese
Sodium
Vanadium

The addition of these constituents to this table does not affect the results and conclusions of the risk assessment because arsenic was specified as a COC in both the USEPA (Table 6-5) and Florida (Table 6-14) risk assessments. The addition of sodium should not affect the conclusions because the elevated levels of sodium in groundwater (maximum = 2,020,000 ug/L) indicate that the water is likely not potable.

Comment 13. –Page 6-60 states that the 95% UCL is "..a representation of the upper limit that potential receptors would be exposed to over the entire exposure period". The 95% UCL is an upper limit on the mean concentration receptors would be exposed to, not the upper limit of the exposure concentration.

Response – The Navy concurs. The text and definition of the 95% UCL on page 6-60 will be revised as specified in the comment:

Exposure Point Concentrations

EPCs for soil were calculated using the Florida UCL Calculator (Version 1.0). Uncertainty is associated with the use of the 95 percent UCL on the mean concentration as the EPC. As a result of using the 95 percent UCL, the estimations of potential risk for the RME scenario were most likely overstated because this is ~~**a representation of**~~ the upper limit **on the mean concentration** that potential receptors would be exposed to over the entire exposure period. In some cases, the maximum concentration was used as the EPC. Use of the maximum concentration as the EPC tends to overestimate potential risks because receptors are assumed to be exposed continuously to the maximum concentration for the entire exposure period. Uncertainty was also introduced when the nondetects results were assigned a value of one-half the nondetect quantitation limit in the calculation of the EPC. This may either overstate or understate the risks to potential receptors.

Comment 14. –Section 8.0 Summary and Conclusions is incomplete:

a. Based on Table 4-6, chloromethane, methylene chloride, PCE, and cis-1,2 dichloroethene were detected above their SCTLs for leachability to groundwater. These chemicals should be added as COPCs.
b. Based on Table 4-7, chlorodibromomethane and bromodichloromethane were detected in wells above their GCTLs. In Table 4-8, sodium was detected above its GCTL. These constituents should be added as COPCs for groundwater.

Response – The Navy concurs. Section 8.0 is a summary of the previous sections of the report. These constituents were identified as COPCs in Sections 6.6.3.1, 6.6.3.2, and 6.6.3.3 and were included in both the USEPA and FDEP risk assessments. Sodium will be added as a COPC for groundwater as per the response to Comment 12. The report will be updated to include summary discussion of all the COPCs found at the site.

Comment 15. –In Table 4-5 the SCTL for TRPH leachability to groundwater should be 340 mg/kg.

Response – The Navy concurs. The SCTL for TRPH leachability to groundwater will be changed from 340,000 mg/kg to 340 mg/kg in Table 4-5.

Comment 16. – In Table 6-8 the simple apportionment for the recreational scenario was performed incorrectly. TCE, Aroclor-1260, and arsenic are carcinogens and had a maximum concentration greater than $1/10^{th}$ their non-apportioned SCTLs. Therefore, the SCTLs for these chemicals would be divided by

three and the SCTL for TCE would be 40,000 ug/kg. The TCE exposure point concentration of 38,000 ug/kg is below the correctly apportioned SCTL for direct contact.

Response – The Navy concurs. TCE, Aroclor-1260, and arsenic will be apportioned as specified in the comment. The table will be revised to show that the exposure point concentration for TCE exceeds the simple apportioned SCTL.

Comment 17. –Comments concerning Table 7-1:

Comment 17a. – The minimum detected PCE concentration was compared to the US EPA Region 4 soil screening values. The maximum concentration should be used for comparison and PCE should remain a COPEC.

Response – The Navy concurs. The maximum concentration will be used and PCE will be added as an initial COPC. Table 7-1 will be modified to reflect the change. The following modifications to the text were made to address this change:

Section 7.5.1 – The text was changed from "In surface soil, four VOCs (1,2-dichlorobenzene, 1,4-dichlorobenzene, chloromethane, and TCE) were retained as COPCs because their maximum concentrations exceeded screening values (Table 7-1)." to "In surface soil, **five** VOCs (1,2-dichlorobenzene, 1,4-dichlorobenzene, chloromethane, **PCE**, and TCE) were retained as COPCs because their maximum concentrations exceeded screening values (Table 7-1)."

Section 7.6.1.1 – The following text was added, "PCE was detected in 2 of 15 soil samples at or above its ESV (0.1 mg/kg). Sample location 46SB3401 had the highest concentration of 0.1 mg/kg while sample 46SB3101 had the lowest reported detected concentration of 0.006 mg/kg. The detected PCE concentrations were compared to the following toxicity guidelines to further evaluate risks to plants and invertebrates.

- Canadian Soil Quality Guideline (SQG): 3.8 mg/kg agricultural use (CCME, 1999a)
- Dutch Target Value 0.002 mg/kg, Intervention Value 4 mg/kg (MVROM, 2000)

The Canadian SQG of 3.8 mg/kg for PCE is the 25th percentile of effects and no effects data distribution for plants and invertebrates (CCME, 1999a). The maximum detected concentration of PCE at Site 46 is well below the Canadian Soil Quality Guideline for agricultural use, and for residential parkland use (3.8 mg/kg). Both of the detected concentrations exceed the Dutch Target Value. The intermediate value, as describe previously, for PCE is 2.001 mg/kg. Both detected concentrations are well below this benchmark. Therefore, because the detected concentrations are below these benchmarks, risk to plants and soil invertebrates from TCE are expected to be minimal."

Comment 17b. – An ecological soil screening level was developed for total PAHs in June 2007. This new value (1.1 mg/kg) is based on protection of mammals exposed to high molecular weight PAHs and is very similar to the US EPA Region 4 screening value of 1 mg/kg.

Response - Comment noted. However, this Report was submitted for review in March 2007, prior to the Ecological Soil Screening Level document for PAHs becoming available in June 2007. Future documents will include the new screening level. Because the Region IV screening value (1.0 mg/kg) is more conservative than the Eco-SSL value (1.1 mg/kg), no changes to the document will be made to address this comment.

Comment 17c. – An ecological soil screening level was derived for manganese (220 mg/kg for the protection of plants) in April 2007. This value should be added to the Table. The conclusion that manganese is not a COPEC at this site remains valid.

Response - Comment noted. However, this Report was submitted for review in March 2007, prior to the Ecological Soil Screening Level document for manganese becoming available in April 2007. Future documents will include the new screening level. Because the Region IV screening value (100 mg/kg) is more conservative than the Eco-SSL value (220 mg/kg), no changes to the document will be made to address this comment.

Comment 17d. – The Canadian Soil Quality Guidelines (2006) recommends using a soil screening value of 0.1 mg/kg for benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene for the protection of the environment and human health. This value is the same as the US EPA Region 4 surface soil screening value for benzo(a)pyrene. Based on site concentrations, these constituents can be excluded as COPECs.

Response – The Navy concurs. The text was modified using the Canadian Soil Quality Guideline of 0.1 mg/kg in the Step 3A refinement for benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene). Consequently, these individual PAHs will be eliminated as COPCs for plants and invertebrates. The following modification to the text will be made to address this change:

Section 7.6.1.2 – The following text was added, "The Canadian SQG recommends individual soil screening values of 0.1 mg/kg for benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) for the protection of the environment and human health. The maximum detected concentrations of these PAHs are all below the Canadian SQG screening benchmarks (see Table 7-1). Therefore, risks to plants and soil invertebrates from. benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) are expected to be negligible."

Comment 18. – In Section 4.3.2.4 the word "cadmium" should be changed to "chromium" for all occurrences.

Response – The Navy concurs. The text will be revised as indicated.