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INTERIM SITE ASSESSMENT REPORT FOR BOCA CHICA FLYING CLUB WITH TRANSMITTAL LETTER NAS KEY WEST FL
8/4/2005
TETRA TECH NUS

TETRA TECH NUS, INC.

AIK-05-0125

August 4, 2005

Project Number HK N2943 *viaFedEx*

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Reference: CLEAN Contract No. N62467-94-D-0888
Contract Task Order No. 0351

Subject: Interim Site Assessment Report for Boca Chica Flying Club, Rev. 0,
Naval Air Station, Key West, Florida

Dear Mr. Magwood:

I have enclosed a CD containing the PDF file for the Interim Site Assessment Report for Boca Chica Flying Club, Rev. 0, Naval Air Station, Key West, Florida. The file is being distributed to the members of the NAS Key West Partnering Team via FedEx for their receive and comments and to meet TtNUS's contractual obligation under CTO 0351.

Please call me at (803) 649-7963, extension 345, if you have any questions regarding the enclosed report.

Sincerely,

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Project Manager

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Interim Site Assessment Report
for
Boca Chica Flying Club

Naval Air Station
Key West, Florida

Southern Division
Naval Facilities Engineering Command

Contract Number N62467-94-D-0888
Contract Task Order 0351

August 2005

Rev. 0
08/03/05

INTERIM SITE ASSESSMENT REPORT
FOR
THE BOCA CHICA FLYING CLUB SITE

NAVAL AIR STATION
KEY WEST, FLORIDA

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN) CONTRACT

Submitted to:
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AUGUST 2005

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ACRONYMS/ABBREVIATIONS

ABB	ABB Environmental Services, Inc.
AS	Air Sparge
AST	Aboveground Storage Tank
AVGAS	Aviation Gas
B&RE	Brown and Root Environmental, Inc.
bls	Below land surface
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAP	Contamination Assessment Plan
CO_2	Carbon Dioxide
CoC	Contaminant of Concern
CTO	Contract Task Order
DPT	Direct Push Technology
DO	Dissolved Oxygen
DTW	Depth to Water
EDB	Ethylene Dibromide
EM	Electromagnetic
EPA	United States Environmental Protection Agency
FAC	Florida Administrative Code
FDEP	Florida Department of Environmental Protection
FID	Flame Ionization Detector
FKAA	Florida Keys Aqueduct Authority
FL-PRO	Florida Petroleum Range Organics
GAC	Granular Activated Carbon
GCTL	Groundwater Cleanup Target Level
GPR	Ground Penetrating Radar
HSA	Hollow-stem Auger
ID	Inside Diameter
K	Hydraulic Conductivity
KAG	Kerosene Analytical Group
mH_2	$Megahert_2$
µg/L	Micrograms per Liter
mg/kg	Milligrams per Kilogram
mg/L	Milligrams per Liter
MNA	Monitored Natural Attenuation
msl	Mean Sea Level

ACRONYMS/ABBREVIATIONS (CONT.)

MTBE	Methyl-tertiary butyl ether
NAS	Naval Air Station
NAVFAC EFD SOUTH	Southern Division, Naval Facilities Engineering Command
OVA	Organic Vapor Analyzer
PAH	Polynuclear Aromatic Hydrocarbon
PE	Polyethylene
PPL	Priority Pollutant List
ppm	Parts per Million
PVC	Polyvinyl Chloride
RAP	Remedial Action Plan
SAR	Site Assessment Report
SCTL	Soil Cleanup Target Level
SOP	Standard Operating Procedure
SSAR	Supplemental Site Assessment Report
SVE	Soil Vapor Extraction
SWL	Static Water Level
TOC	Top of Casing
TRPH	Total Recoverable Petroleum Hydrocarbon
TtNUS	Tetra Tech NUS, Inc.
USGS	United States Geological Survey
UST	Underground Storage Tank
VOA	Volatile Organic Aromatics
VOH	Volatile Organic Halocarbon

EXECUTIVE SUMMARY

Tetra Tech NUS, Inc. (TtNUS) has been authorized by Southern Division, Naval Facilities Engineering Command (NAVFAC EFD SOUTH) to prepare a Site Assessment Report (SAR) for the former Flying Club site at Naval Air Station (NAS) Key West, Florida. This SAR has been prepared to evaluate soil and groundwater conditions after an increase in contaminant levels was detected in site monitoring wells during the groundwater monitoring program.

Site Assessment Activities

The following site assessment activities were conducted by TtNUS, in accordance with the abbreviated Contamination Assessment Plan (CAP) (TtNUS, 2004):

- Reviewed available Navy documents to collect historical information about the site, evaluate public and private potable wells, locate utility line areas, locate nearby surface water bodies, and assess surface hydrology and drainage.
- Conducted a preliminary assessment of soil and groundwater using Direct-Push Technology (DPT) methods.
- Collected soil samples for laboratory analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl-tertiary butyl ether (MTBE), polynuclear aromatic hydrocarbons (PAHs), total recoverable petroleum hydrocarbons (TRPH), pesticides, polychlorinated biphenyls (PCBs), and Target Analyte List (TAL) metals and tin.
- Collected groundwater screening samples from DPT boreholes and analyzed for BTEX, MTBE, Priority Pollutant List (PPL) volatile organic halocarbons (VOHs), and PAHs.
- Installed six shallow monitoring wells to assess the horizontal extent of contamination.
- Collected two sets of groundwater samples from the 10 permanent monitoring wells (6 new wells and 4 existing wells) for laboratory analysis of VOCs, SVOCs, pesticides, PCBs, and TAL metals and tin.
- Conducted a study to evaluate the effects of tidal influences on the movement of groundwater at the site.

Conclusions

The following conclusions were drawn based on site assessment activities:

- Concentrations of benzo(a)anthracene detected in three soil samples collected for this investigation were above Soil Cleanup Target Levels (SCTLs) for Residential Direct Exposure, as specified in the Chapter 62-777, Florida Administrative Code (FAC), Table II.

- Concentrations of some petroleum contaminants of concern (CoCs), were greater than Groundwater Cleanup Target Levels (GCTLs), as specified in Chapter 62-777, FAC, Table I, in site groundwater during two sampling events conducted in September 2004 and January 2005.

- Free product was not observed in any monitoring wells during the site assessment activities.

Recommendation

Hydrogeological and chemical data presented in this SAR revealed soil and groundwater contaminants above regulatory limits at the site. Impacted soil and groundwater was detected at areas east of Building A133 (between Buildings A126 and A133); however, a definite source was not identified.

The area surrounding the underground storage tank (UST) located adjacent to Buildings A126 and A128 should be further investigated as a potential source of contamination. Reported past practices for dust control around Building A126 and used oil/lubricant storage and disposal practices observed during the mid-20th century are other potential sources for the chemicals currently detected at this site that should be considered when designing future sampling events. Based on the data presented in this report and the information provided during partnering team meetings, TtNUS recommends that a supplemental investigation be conducted to determine the possibility of an additional source(s) that might be responsible for the contaminant levels at the site and to help delineate the boundaries of the groundwater plume.

1.0 SITE DESCRIPTION AND BACKGROUND INFORMATION

TtNUS, under contract with NAVFAC EFD SOUTH, is submitting this SAR for the Boca Chica Flying Club at NAS Key West, Florida. This SAR was prepared on behalf of the Navy under Contract Number N62467-94-D-0888, Contract Task Order (CTO) 0351.

1.1 SITE LOCATION AND CONDITIONS

NAS Key West is located in southern Monroe County, Florida, approximately 150 miles southwest of Miami. The former Flying Club petroleum site is located along the northwest boundary of Taxiway H of Boca Chica Field, near Buildings A133, A126, and A128 (Figure 1-1) and was used as an aircraft parking and refueling area. Figure 1-2 shows the site location on the United States Geological Survey (USGS) topographic quadrangle map. The site is located in Section 29, Township 67 South Range 26 East. The site topography is level and the elevation of the site is approximately 5 feet above mean sea level (msl). The former Flying Club area includes a former motor pool refueling point that used USTs to store and dispense gasoline. An aviation gasoline aboveground storage tank (AST) area was located approximately 50 feet south of the former motor pool refueling area. The area is currently used as an electrical repair and maintenance facility (Building A126) and a hazardous waste storage area (Building A133). A site map is presented in Figure 1-3.

1.2 SITE HISTORY

Building A126 was formerly used as a transportation facility and is currently used as an electrical maintenance and repair facility for arresting gear. Building A133 is part of the former motor pool refueling point. It has been used to store electrical equipment in the past, including transformers that contained PCBs. It is now used as a hazardous waste storage facility. Interviews with NAS Key West personnel indicate that the area in the vicinity of Building A133 may also have been used as an auto hobby shop and staging area. The Boca Chica Flying Club was in operation until the late 1960s; however, no operations at the Flying Club itself are believed to have contributed to the chemicals detected on site. Four ASTs were located adjacent to the Flying Club building and reportedly stored aviation fuel. Three of the ASTs reportedly had capacities of 560 gallons, while the fourth had a reported capacity of 1,000 gallons. The ASTs, fuel dispensers and associated piping were removed from the site in February 1992. Past practices such as overfilling and possible leaks from these tank systems were the suspected cause of contamination at the site. Discussions with site personnel indicated that USTs were associated with the motor pool refueling point and are believed to have contained motor fuel. They were reportedly removed circa 1990, but physical details of the tanks and their exact location are unknown.

1.3 PREVIOUS INVESTIGATIONS

Soils in the site area were field-screened with an Organic Vapor Analyzer (OVA) to assess for the presence of contaminated soil during the Contamination Assessment conducted in April 1994. A total of 71 soil borings were advanced, each to 6 feet deep. Screening results indicated the presence of excessively contaminated soils (as defined by FDEP as greater than 50 parts per million [ppm]) in four areas. The largest area measured approximately 70 feet long by 40 feet wide and was located near Building A133. Smaller areas were noted near the former Aviation Gas (AVGAS) dispenser, north of Building A133, and between Buildings A133 and A126. OVA readings greater than 500 ppm were identified in 20 samples.

Groundwater samples were collected from all existing wells and analyzed for Kerosene Analytical Group (KAG) parameters during the Contamination Assessment that was conducted in April 1994. The applicable Class G-III aquifer cleanup goals were exceeded for the compounds of benzene and total volatile organic aromatics (VOAs). Two areas of VOA contamination were identified, one near the former AVGAS ASTs and dispenser and the other near the former motor pool USTs. The highest total VOA concentrations found were near the former AVGAS dispenser, at 1,300 micrograms per liter (µg/l). Total VOA concentrations in MW-6 and MW-20, near the former motor pool gasoline USTs, were 305 µg/l and 156 µg/l, respectively.

The monitoring wells were resampled in August 1996, as part of the Remedial Action Plan (RAP) preparation. The 1996 data indicated significant changes in the degree and extent of contamination found during the Contamination Assessment. Total VOA concentrations in MW-4 were measured at 133 µg/l, putting the area of the former AVGAS dispenser within the Class III guidelines. The total VOA concentrations for MW-6 and MW-20 were 1,470 µg/l and 35 µg/l, respectively. Based on the most recent sampling results, the RAP recommended a remedial action consisting of excavation of contaminated soil (an estimated amount of 2,126 cubic yards). The largest area recommended to be excavated was in the vicinity of the former motor pool USTs near Building A133.

In 1998, excavations of contaminated soil took place, based on recommendations in the RAP. Approximately 983 cubic yards of soil were excavated from the Flying Club site. The ion collider process was used to treat a portion of the contaminated soil. The excavated areas at the Flying Club site were then backfilled (BEI, 1999).

A quarterly groundwater monitoring plan was implemented in August 1999. Total VOA results for MW-6 and MW-20 were 51 µg/l and 11 µg/l, respectively. These VOA results were below the applicable cleanup guidelines. However, naphthalene and TRPH concentrations increased in MW-20. Due to the lack of substantial decreases in the concentrations of some contaminants following several quarters of groundwater monitoring, TtNUS recommended a treatability study be performed to investigate the efficacy of enhancing the degradation of contaminants under aerobic conditions.

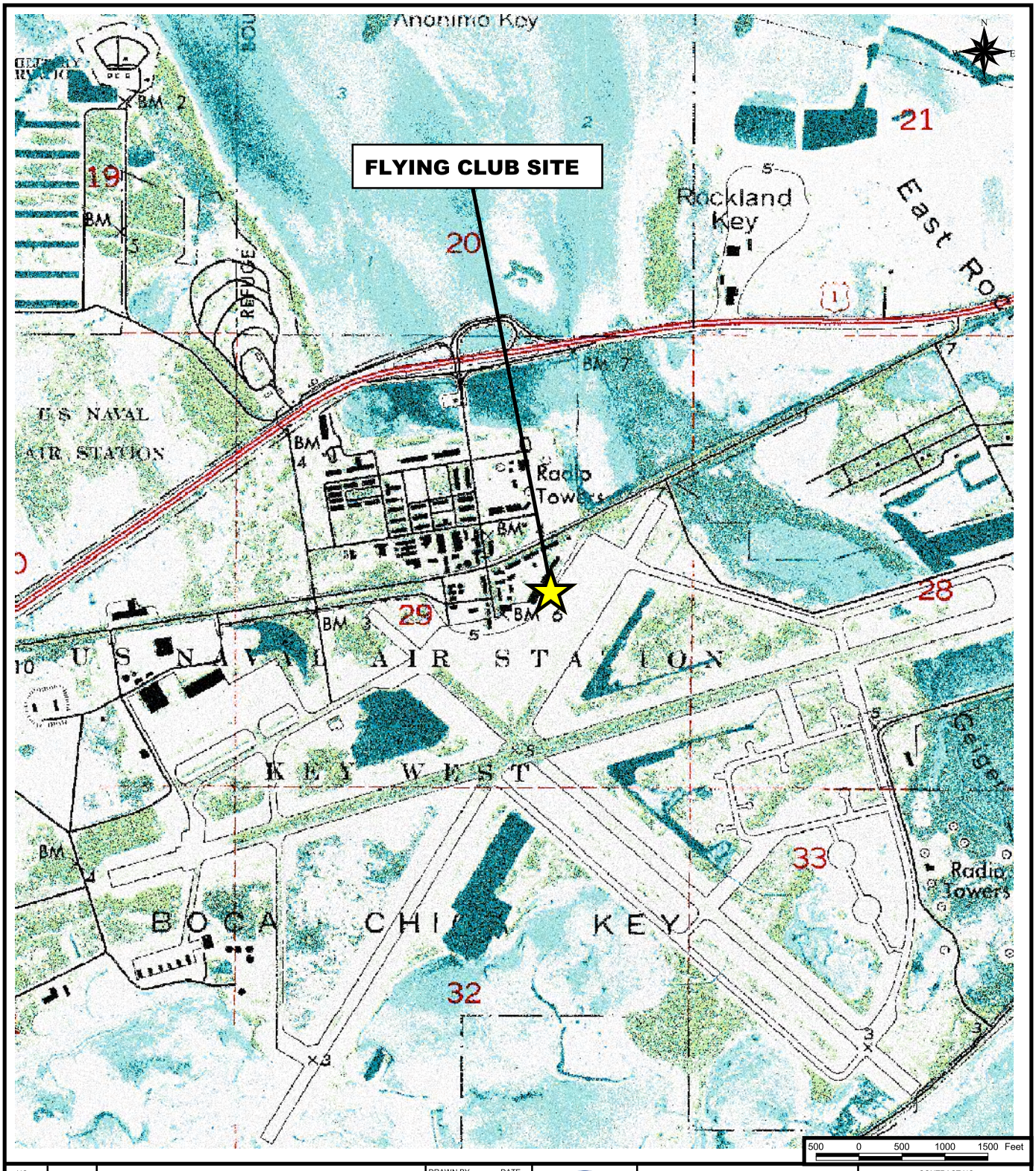
In May 2002, an air sparge (AS)/soil vapor extraction (SVE) Treatability Study was initiated at the site to remediate residual hydrocarbon contaminants in the soil and groundwater (TtNUS, 2000). The study was conducted in two phases:

Phase I involved a short-term test to evaluate the effectiveness of the system, over-drilling, and removal of MW-2, including soils in the immediate vicinity of the well.

Phase II was a long-term evaluation of the Treatability Study and involved monitoring of the system's effectiveness for a period of one year. The objective of Phase II was to remediate free product in groundwater in the vicinity of former MW-2 to undetectable levels.

The long term AS/SVE study was terminated after two quarters due to funding constraints. The results at that time; however, indicated a strong possibility that the concentration of residual hydrocarbons present in the soil and groundwater could be eliminated over time by natural attenuation processes.

Following termination of the AS/SVE system, a quarterly monitoring program was implemented at the site. Samples were collected quarterly from three designated wells from May 2003 to May 2004. Lead, ethylbenzene, naphthalene, 1-methylnaphthalene and 2-methylnaphthalene were detected above GCTLs in FC-MW-22 during the February and May 2004 quarterly events. In addition, TRPH also exceeded GCTLs in FC-MW-22 during the May and August 2004 events. These concentrations were an increase in levels since the termination of the AS/SVE system. Since these concentrations did not meet the requirements for monitoring only at the current time, a site assessment to further investigate the soil and groundwater at the site to determine the source for the continuing elevated levels of contaminants was initiated.



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FLYING CLUB
SITE ASSESSMENT REPORT
UGGS TOPOGRAPHIC QUADRANGLE
NAVAL AIR STATION
KEY WEST, FLORIDA

CONTRACT NO.	
2943	
APPROVED BY	DATE
CMB	05/12/2005
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2.0 SITE ASSESSMENT METHODOLOGY

Site assessment activities were carried out at the Boca Chica Flying Club Site from July 2004 through January 2005. Initially, a DPT investigation was conducted in July 2004 to the east, southeast and north of Building A133 to define the horizontal extent of contamination at the site and locate a possible source for the observed increase in chemical concentrations (Figure 2-1). Soil samples were collected during this investigation for headspace screening and laboratory analysis. Groundwater screening samples were also collected from selected soil borings for fixed-base laboratory analysis. The selected screening samples were based on the flame ionization detector (FID) results of the soil in the saturated zone. A second soil investigation was conducted in September 2004 to the west, southwest and north of Building A133 (Figure 2-1) to investigate other possible sources of contamination due to the unexpectedly high chemical concentrations detected at the western boundary of sampling conducted in July 2004. Based on the results of the two DPT investigations, monitoring wells were installed at the site in September 2004 (Figure 2-2). The typical monitoring well construction schematic is shown in Figure 2-3. Soil and groundwater samples were collected during this event for off-site laboratory analysis. A second groundwater sampling event was conducted in January 2005. Aquifer properties were evaluated using data collected during the monitoring well elevation survey, tidal study, and static water level (SWL) measurements, along with referenced slug test data (conducted during the site assessment in 1994). The results of the site assessment are discussed in Sections 3.0 and 4.0.

2.1 QUALITY ASSURANCE

The site assessment investigation was conducted in accordance with the Abbreviated CAP (TtNUS, 2004). Standard Operating Procedures (SOPs) prescribed by the Florida Department of Environmental Protection (FDEP) (FDEP, 2002) were followed. Organic vapor measurements were made with a Photovac FID. Prior to each day's activities, all equipment was field calibrated in accordance with manufacturer directions. Equipment used to advance the soil borings, install monitoring wells, and collect soil or groundwater samples was decontaminated in accordance with FDEP SOP FC 1000.

Soil, groundwater screening and monitoring well samples were collected in pre-preserved containers obtained from Katahdin Analytical Services in Westbrook, Maine. The laboratory's certification number is E87604. Groundwater was analyzed for VOCs, SVOCs, pesticides, PCBs, TAL metals and tin. Soils during the first event were also analyzed for TRPH. Quality control samples (i.e., duplicates, equipment blanks, and trip blanks) were prepared and submitted to the laboratory. Sampling activities were documented in a site-specific field logbook and samples were transmitted under chain-of-custody protocol to the laboratory.

2.2 GEOPHYSICAL INVESTIGATION

Geophysical methods including electromagnetic (EM) equipment and ground penetrating radar (GPR) were used in September 2004 to perform a survey of the Flying Club Site. The objectives of the survey were to identify and mark any utilities in the area and to investigate whether any unknown USTs remained at the site. A Geonics EM61 High Sensitivity Metal Detector (EM61) was used to locate or detect the possible presence of metallic objects including metallic utilities and USTs. GPR was used to investigate the possible presence of non-metallic utilities.

2.2.1 EM61 High Sensitivity Metal Detector Survey

The EM61 is a high-sensitivity, high-resolution time-domain metal detector that is used to detect both ferrous and non-ferrous metallic objects. It consists of a transmitter that generates a pulsed primary magnetic field, inducing eddy currents in nearby metallic objects. Two receiver coils measure the decay of these currents. By making the measurements at a relatively long time interval after the primary pulse is transmitted, the response is practically independent of the electrical conductivity of the ground. The EM61 data were interpreted in real-time, and anomalies were marked in the field with pin flags or surveyors flagging tape.

2.2.2 GPR Survey

A GSSI SIR 3000 GPR device equipped with a 400 megahertz (MHz) transducer was used to perform the investigation. GPR techniques are based upon the rapid and repetitive transmission of EM signals (pulses) generated from the device's transducer and propagated into the subsurface. The transmitted EM signal travels through the subsurface and is reflected at interfaces where contrasts in the electrical properties of the media are present. Interfaces where GPR reflections occur include changes in soil mineralogy, soil texture, moisture content, or the presence of a buried man-made feature such as a utility, pipe, or concrete structure. The device's transducer receives the reflected portion of the transmitted EM signal. The two-way travel time and reflected signal amplitude versus the horizontal distance the instrument has traveled are displayed on the output of the instrument.

The time it takes a GPR signal to travel from the transducer, reflect off of a target, and return to the transducer is called the two-way reflection time. Two-way reflection times are displayed in units of nanoseconds and vary depending on the electrical properties of the subsurface materials. GPR signals in clayey soils, fill, shale, or saline groundwater attenuate rapidly due to the high conductivity, limiting the depths of investigation. Conversely, the depth of investigation is often much greater in dry sandy soils relative to clayey soils. The GPR data were interpreted in real-time and anomalies were marked in the field with pin flags or surveyors flagging tape.

2.2.3 Anomaly Locations

The locations of the anomalies marked in the field were recorded with a Trimble PRO XRS Global Positioning System (GPS) device.

2.2.4 Survey Results

Numerous anomalies at shallow depths were detected with both the EM61 and the GPR. Figure 2-4 shows these anomalies. Several linear anomalies that may indicate utilities were identified during the survey.

One anomaly detected to the southeast of Building A126 was identified as a previously undiscovered UST. This discovery is important because the UST may be an additional source of contamination at the site.

2.3 SOIL BORING PROGRAM

The soil screening investigation was conducted at the former Flying Club site to evaluate the presence of petroleum impacted soils at the site. The soil screening investigation was conducted during two on site events. Fifty eight soil borings (SB-1 through -58) were installed using DPT during the July 2004 event. The borings were installed on a twenty-foot grid, southeast, east, and north of Building A133. A total of thirty seven soil borings (SB-59 through -93 and SS01 and SS-02) were installed during the September 2004 event (Figure 2-1). These borings were installed southwest, west and north of Building A133. Soil samples from the vadose zone (0-4 feet bls) and the saturated zone (4-6 feet bls) were collected for headspace screening with a FID. During the July 2004 investigation, selected soil borings were advanced below the water table in order to collect groundwater samples for laboratory analysis. Groundwater screening activities are discussed in Section 2.5.1.

2.3.1 Soil Core Sampling

Soil borings for the preliminary assessment were advanced using DPT. Fill material and Oolitic limestone was encountered in the soil borings. Groundwater was encountered at approximately 4-6 feet below land surface (bls) during the July 2004 event and 3-4 feet during the September 2004 event. The vadose zone was considered to be the interval above the saturated interval. The site geologist logged the soil properties, including texture, color, soil moisture and OVA reading, for each soil core and noted whether staining or odors were present. Since the soil borings were all at shallow depths and the lithology across the site did not vary much, only the lithologic logs for monitoring well installation are present in Appendix A.

2.3.2 Soil Headspace Screening

Soil samples were collected from the 0-2, 2-4 and 4-6 foot intervals at each location for headspace vapor screening in accordance with the procedures outlined in Section 62-770.200, FAC. At each location, two

16-ounce glass jars were half-filled with the soil sample from the interval, quickly sealed with aluminum foil, and labeled. The soil samples were allowed to equilibrate to ambient air temperature. The FID response to total headspace organic vapors was measured by inserting the FID probe through the foil sample cover and recording the highest instrument reading. If a positive response was observed when screening the first sample jar, a filtered sample instrument reading was made from the second soil sample jar. A granular-activated carbon (GAC) filter was attached to the instrument and a headspace organic vapor measurement was made from the second soil sample. The GAC filter adsorbs heavier organic vapors (such as petroleum hydrocarbons), but allows lighter, naturally occurring organic vapors (such as methane) to be detected by the FID. However, no organic readings were detected in soil samples using the GAC filter. Therefore, no calculations were necessary to determine the corrected FID response.

2.4 SOIL SAMPLING PROGRAM

Twenty one soil samples were collected for laboratory analysis to determine the presence of contaminated soil at the site. Three samples were collected during the DPT program in July 2004 from borings with high, medium, and low FID readings. During the September 2004 event, samples were collected from the six monitoring well borings from the 0-2 and 2-4 foot intervals. One sample was collected from each of the two former excavation areas (SS01 and SS02) located north and west of Building A133. The soil samples collected during the July 2004 event were analyzed for BTEX and MTBE by SW-846 Method 8260B, PAHs (including 1- and 2-methylnaphthalene) by SW-846 Method 8270C, and TRPH by the Florida Petroleum Range Organics (FL-PRO) method. Samples collected during the September 2004 event were analyzed for VOCs, SVOCs, pesticides, PCBs, TAL metals, and tin. The analytical validation reports are included in Appendix B.

2.5 MONITORING WELL INSTALLATION PROGRAM

Following the DPT investigation, six monitoring wells (each installed to 12 feet bls) were installed at the site. Four existing monitoring wells were also present on site. The monitoring wells were used for groundwater sampling and collecting data to evaluate aquifer properties.

2.5.1 Monitoring Well Locations

Screening data obtained during the DPT investigation were evaluated to determine the optimum number and location for the wells. Two wells (FCMW-23 and FCMW-24) were installed within an area of elevated contaminant concentrations. Three wells (FCMW-25, FCMW-27 and FCMW-28) were installed northeast, southeast and west of Building A133 as delineation wells. One well (FCMW-26) was installed in the former location of the ASTs. Monitoring well locations are presented in Figure 2-2.

2.5.2 Monitoring Well Installation

The monitoring well borings were drilled with a truck-mounted drill rig and 4.25-inch inside diameter (ID) hollow-stem auger (HSA). Each well was constructed of 2-inch-ID, flush-threaded, schedule 40 polyvinyl chloride (PVC) riser, and 0.010-inch-slot well screen with a 6-inch point cap. The six new shallow wells were installed to 12 feet bls with a 10-foot screen. The annulus around each well was filled to approximately 1 foot above the top of the screen with U.S. Standard Sieve size 20/30 silica sand, followed by a 0.5 foot 30/65 fine sand seal. The remainder of the annulus was grouted to the surface. Each well was secured with a locking, watertight cap within an 8-inch-diameter steel manhole. The manhole was set in a 24-inch-square concrete apron finished slightly above grade. A typical shallow well installation is illustrated on Figure 2-3. Monitoring well construction details for newly installed monitoring wells are summarized in Table 2-1 and the monitoring well completion diagrams are provided in Appendix A.

2.5.3 Monitoring Well Development

Each monitoring well was developed by using a submersible pump. The wells were developed until the purge water became clear, normally when approximately 25 gallons had been removed.

2.6 GROUNDWATER SAMPLING PROGRAM

Groundwater screening samples were analyzed for PPL VOCs, PAHs and lead. Groundwater samples collected from the monitoring wells were submitted to the off-site laboratory to be analyzed for VOCs, SVOCs, pesticides, PCBs, TAL metals and tin.

2.6.1 DPT Groundwater Screening

The groundwater screening investigation was conducted in July 2004 at the site to determine the presence of contaminated groundwater and to optimize placement of the monitoring wells. The monitoring wells were used to determine the extent and concentration of contaminated groundwater at the site. The DPT borings were installed in the vicinity of the former ASTs and extended northeast toward building A133, the location of the former motor pool refueling area. A total of 95 soil borings were installed in the area, of which eighteen were advanced approximately 6-8 feet into the groundwater to collect a sample. A length of polyethylene (PE) tubing was inserted to the bottom of the stainless steel DPT well screen. The PE tubing was connected to a peristaltic pump and several screen volumes were removed from the temporary well to decrease the amount of suspended sediment in the groundwater samples. After sufficient purging, groundwater samples were collected by directing the peristaltic pump discharge directly into bottles provided by the laboratory.

2.6.2 Monitoring Well Sampling

Samples were collected from site monitoring wells to evaluate groundwater quality in the surficial aquifer. These samples were collected using the low-flow quiescent purging and sampling method. New Teflon® tubing was installed in each well for groundwater sampling. Temperature, pH, specific conductivity, dissolved oxygen (DO), and turbidity were monitored while the wells were purged. The field measurements, well purge volumes, and depths to groundwater were recorded during well purging and at the time of sample collection. Groundwater sample log sheets are provided in Appendix A.

Groundwater samples were analyzed for VOCs, (SW-846 Method 8260B) SVOCs (SW-846 Method 8270C), pesticides, PCBs, TAL metals and tin. The groundwater samples were placed on ice and shipped to Katahdin Analytical Services in Westbrook, Maine, for analysis. Analytical validation reports are presented in Appendix B.

2.7 AQUIFER CHARACTERIZATION PROGRAM

Data were collected during the site investigation to evaluate the movement of groundwater at the site. Groundwater elevations were determined from SWL measurements and the well top of casing (TOC) elevation survey.

2.7.1 Well TOC Survey

A reference point was marked on the top of each monitoring well casing on the north side. The elevations of the reference points were surveyed to the nearest 0.01-foot by the surveyor, Island Surveying and Mapping Company of Merritt Island, Florida. The field survey data is included in Appendix C.

2.7.2 SWL Measurements

Depth-to-groundwater measurements were made in site monitoring wells during September 2004 and January 2005. Measurements were made from the reference points marked on the tops of well casings using an electronic water level indicator to the nearest 0.01-foot. Groundwater elevations were calculated from the TOC survey elevations and the SWL measurements.

2.7.3 Tidal Study

Three monitoring wells, FC-MW-5, FC-MW-26, FC-MW-27 were used to measure fluctuations in groundwater elevation and correlate these fluctuations with tides to determine the extent of tidal influence on the surficial aquifer in the site vicinity. Prior to conducting the test, the monitoring wells were opened and allowed to equilibrate to atmospheric conditions. A submersible data logger, the In-Situ MiniTroll, was then installed in each well and water levels were allowed to restabilize. The lead wire from each data logger was

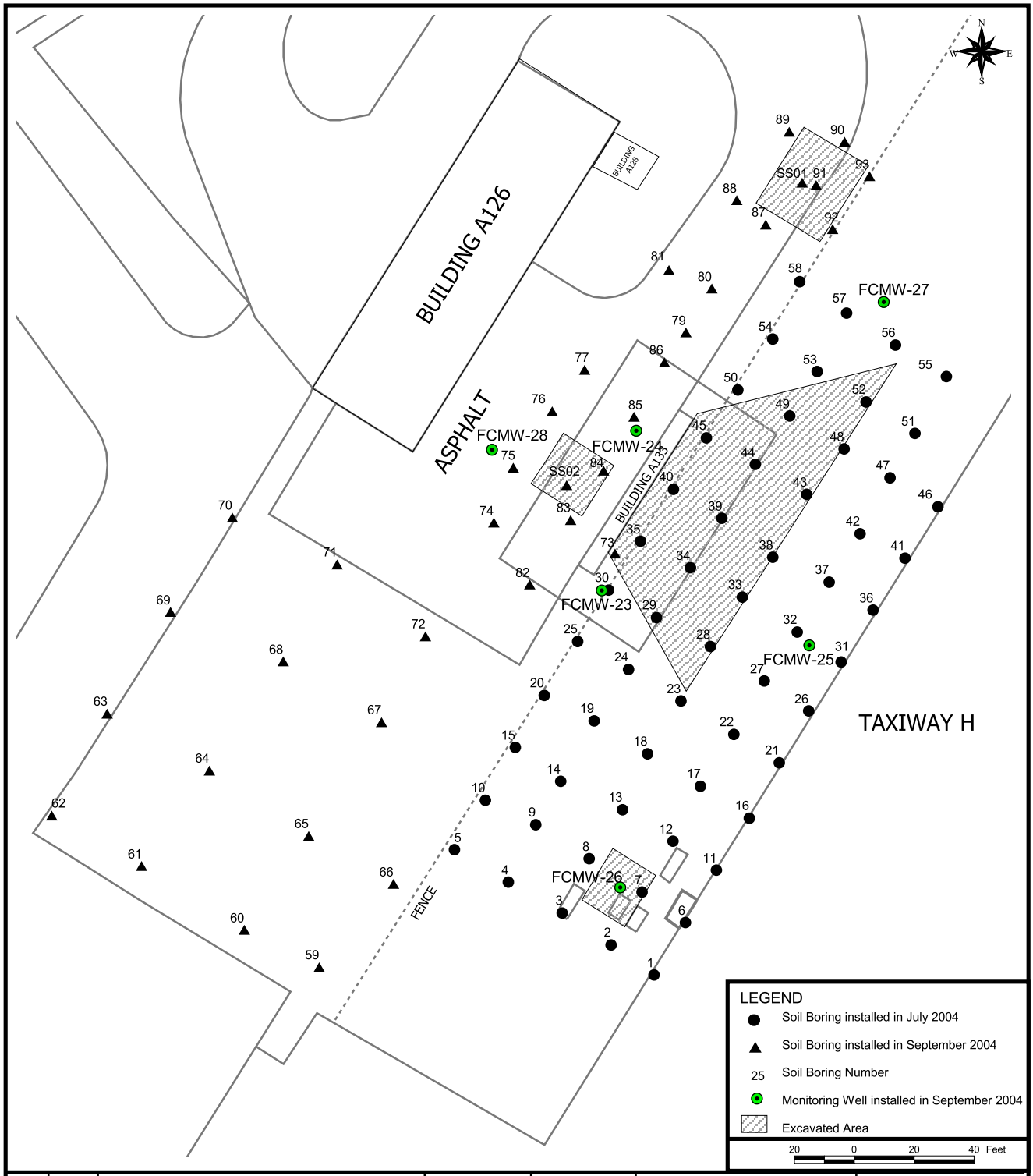
secured to its respective well to ensure that the data logger remained at a constant depth during the test. The data loggers were connected to a computer to begin the test and start recording water levels in the well. It was programmed to record water levels every 15 minutes. The test was allowed to run for over a period of 48 hours to ensure that any fluctuations would be recorded. The tidal study data and graphical representation are presented in Appendix D.

TABLE 2-1

**MONITORING WELL CONSTRUCTION DETAILS
BOCA CHICA FLYING CLUB
SUPPLEMENTAL SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA**

Well No.	Date Installed	Drilling Method	TOC Elevation (above msl)	Total Well Depth (feet bls)	Screened Interval (feet bls)	Well Diameter (inches)	Lithology of Screened Interval
FC-MW-23	9/22/04	HSA	5.64	12	2-12	2	Oolitic limestone
FC-MW-24	9/22/04	HSA	5.80	12	2-12	2	Oolitic limestone
FC-MW-25	9/22/04	HSA	4.72	12	2-12	2	Oolitic limestone
FC-MW-26	9/22/04	HSA	5.15	12	2-12	2	Oolitic limestone
FC-MW-27	9/22/04	HSA	5.28	12	2-12	2	Oolitic limestone
FC-MW-28	9/22/04	HSA	5.74	12	2-12	2	Oolitic limestone

Notes:
TOC elevations surveyed by Island Surveying and Mapping in May 2005 (NGVD 29).
All monitoring wells are flush-mounted.
HSA Hollow-stem auger
TOC Top of casing
msl mean sea level
bls below land surface
NGVD National Geodetic Vertical Datum



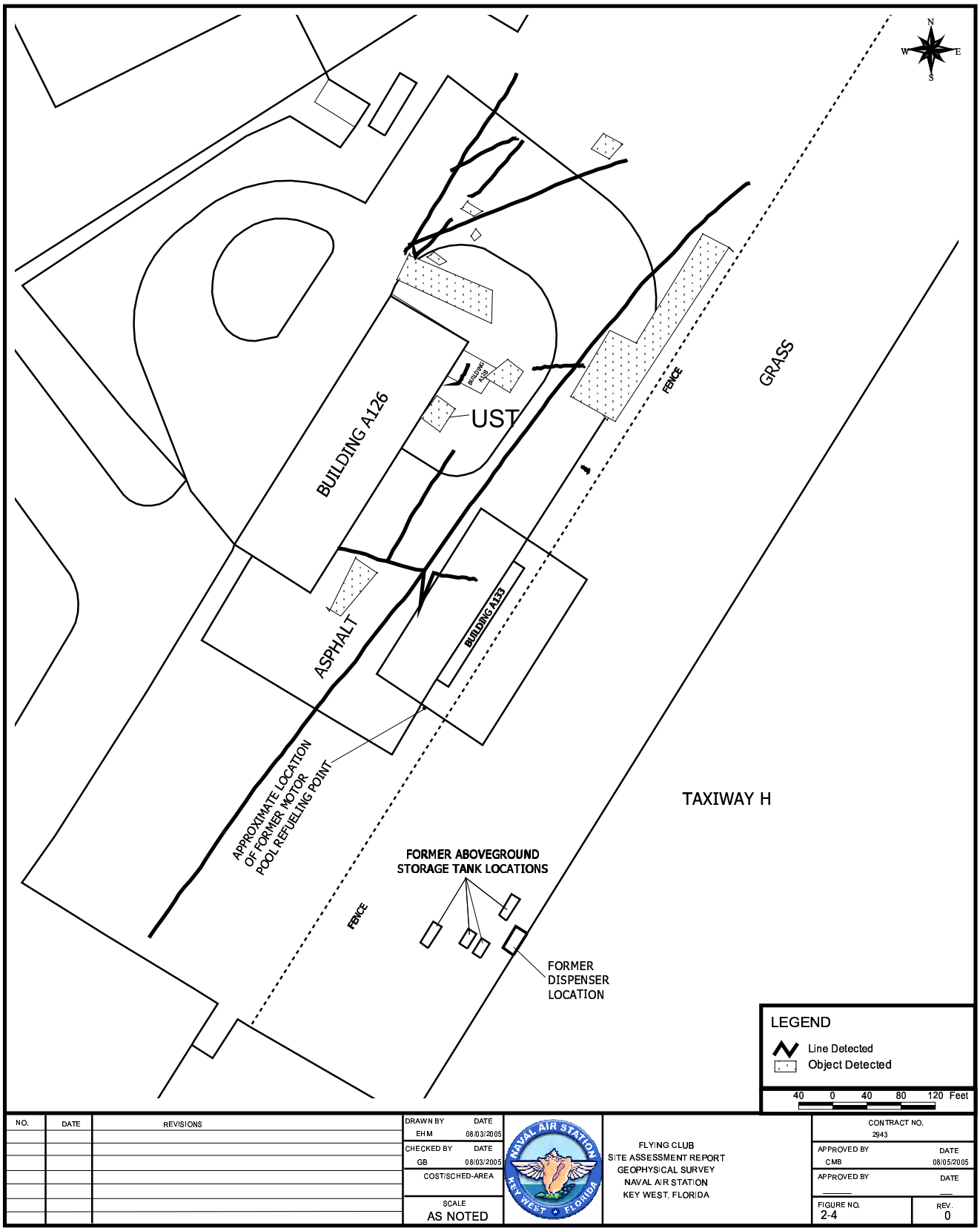
NO.	DATE	REVISIONS

DRAWN BY EHM	DATE 03/31/2005
CHECKED BY GB	DATE 05/06/2005
COST/SCHED-AREA	
SCALE AS NOTED	

FLYING CLUB
SITE ASSESSMENT REPORT
SOIL BORING LOCATIONS
NAVAL AIR STATION
KEY WEST, FLORIDA

CONTRACT NO. 2943	
APPROVED BY CMB	DATE 05/12/2005
APPROVED BY	DATE
FIGURE NO. 2-1	REV. 0

K:/FLYINGCLUB_SUP_SAR.APR LAYOUT: FIGURE 2-1 BY: EHM 05/20/2005



NO.	DATE	REVISIONS

DRAWN BY EHM	DATE 08/03/2005	
CHECKED BY GB	DATE 08/03/2005	
COST/SCHED-AREA		
SCALE AS NOTED		

FLYING CLUB
SITE ASSESSMENT REPORT
GEOPHYSICAL SURVEY
NAVAL AIR STATION
KEY WEST, FLORIDA

CONTRACT NO. 2943	
APPROVED BY CMB	DATE 08/05/2005
APPROVED BY	DATE
FIGURE NO. 2-4	REV. 0

K:/FLYINGCLUB_SUP_SAR.APR LAYOUT: FIGURE 2-1 BY:EHM 05/20/2005

3.0 GEOLOGY AND HYDROGEOLOGY

Data collected during the Site Assessment were used to evaluate geologic and hydrogeologic conditions at the site that may influence the fate and transport of hydrocarbons released to the environment. Lithology and stratigraphy are described for the surficial aquifer at the site. Aquifer properties evaluated as part of the site assessment include depth to groundwater and groundwater elevation, groundwater flow direction and gradient, and tidal influence in the area.

The Lower Keys, which are within the southern geomorphic division of Florida, were formed during the Pleistocene Era. The Lower Keys are known as the "Oolitic Keys," a reference to the Oolitic Member of the Miami Limestone. The Oolitic Member consists of variably sandy, fossiliferous limestone composed primarily of ooids. The Oolitic Member is divided into two lithofacies: an ooid calcarenite and an oomoldic-recrystalline facies. The Key Largo Limestone underlies the Miami Limestone. The Key Largo Limestone is a light-gray to light-yellow coralline limestone comprised of coral heads encased in a matrix of calcarenite. In the Key West area, the Miami Limestone is approximately 27 feet thick and the Key Largo limestone is more than 270 feet thick [Brown & Root Environmental (B&RE), 1997].

The surficial aquifer system in the lower Keys is an unconfined, porous, highly permeable solution-riddled unit as described above. Rainfall recharge seeps quickly into the ocean and saltwater intrusion is common. The water table ranges in depth from less than 1 foot to approximately 2.5 feet below msl and fluctuates diurnally due to tidal effects. Water in the surficial aquifer is non-potable.

Boca Chica lies in the southeastern Coastal Plain physiographic province. Pleistocene marine reefs control the topography of the Coastal Plain in the Florida Keys [ABB Environmental Services, Inc. (ABB), 1995]. The topography of Boca Chica is generally flat. Average land surface elevations are less than 5 feet above msl.

3.1 SITE STRATIGRAPHY

Interpretation of site lithology and stratigraphy was based on visual examination of soil cores collected from soil borings during the DPT investigation and drill cuttings observed during the monitoring well installation. The site surface where the majority of the soil borings were placed is mostly areas of brush and weeds with some paved areas adjacent to Building A133. Light-brown-to-white, silty oolitic sandy limestone was present from the ground surface to at least 12 feet bls, which was the maximum depth drilled during the investigation. Due to the homogeneity of the subsurface, no lithologic cross-section was constructed. Soil boring logs are included in Appendix A.

3.2 SITE HYDROGEOLOGY

Hydrogeologic data were collected during the site assessment to evaluate movement of groundwater in the surficial aquifer at the site. Depth to groundwater and groundwater elevation were used to determine the groundwater flow direction and hydraulic gradient for the surficial aquifer at the site. The hydraulic conductivity for the surficial aquifer was obtained from slug tests conducted during the initial Site Assessment (ABB, 1994). Groundwater flow velocity at the site was estimated from the hydraulic conductivity, hydraulic gradient, and estimated effective porosity.

3.2.1 SWL and Groundwater Elevations

SWL data were collected from site monitoring wells during gauging events in September 2004 and January 2005. The SWL data and the elevations from the well TOC survey were used to determine a groundwater elevation at each well for the gauging events. Groundwater elevation measurements in shallow monitoring wells ranged from 1.95 to 2.03 feet during the September 2004 event and 1.24 to 1.84 feet during the January 2005 event (Table 3-1).

3.2.2 Groundwater Flow Direction

To evaluate the direction of groundwater flow at the site, the groundwater elevations were plotted on site maps for each gauging event (Figures 3-1 and 3-2). Groundwater elevation isocontours were interpolated and plotted across the site based upon the known groundwater elevation in individual wells. Groundwater flow direction is perpendicular to the isocontours. Interpretation of data from the September 2004 and January 2005 gauging events indicated a flow to the northeast.

3.2.3 Hydraulic Gradient

The average hydraulic gradient across the site was calculated for each gauging event from the groundwater elevations measured in shallow monitoring wells and the estimated groundwater flow direction.

The groundwater flow gradient was determined by using the following equation:

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

Where:

- i = the hydraulic gradient
- h_1 = the water elevation at point 1, the highest value
- h_2 = the water elevation at point 2, the lowest value
- d = the horizontal distance between point 1 and point 2, parallel to the direction of groundwater flow

Groundwater elevation values measured in shallow monitoring wells during each gauging event were used to determine the difference in groundwater elevation across the site. The horizontal distance between the high and low groundwater elevation points was measured parallel to the estimated groundwater flow direction.

On September 25, 2004, the groundwater elevation in FCMW-27 was 1.95 feet and the groundwater elevation in FCMW-26 was 2.03 feet. The horizontal distance parallel to groundwater flow was 205 feet. These data indicate an average hydraulic gradient of 0.0004 feet/foot.

On January 28, 2004, the groundwater elevation in FCMW-27 was 1.46 feet and the groundwater elevation in FCMW-23 was 1.74 feet. The horizontal distance parallel to groundwater flow was 130 feet. These data indicate an average hydraulic gradient of 0.002 feet/foot.

The groundwater elevations on September 25, 2004 were taken during a period of low tide, while the January 28, 2004 elevations were collected during high tide. This explains the difference in hydraulic gradient of a magnitude of 1 between the two measuring events.

The average of the two calculated gradient values is 0.001 feet/foot.

3.2.4 Hydraulic Conductivity

Hydraulic conductivity values for the site were obtained from the initial Site Assessment Report for Boca Chica Flying Club (ABB 1994). ABB performed slug tests on two shallow wells on October 20, 1993. The hydraulic conductivity (K) in the test was calculated using the Bouwer and Rice (1976, 1989) methods for partially penetrating wells screened in unconfined aquifers. The average K value (calculated from the data collected from two wells) was estimated to vary from 0.43 ft/day to 1.36 ft/day with an average K of 8.9×10^{-1} ft/ day. The slug test data from the SAR is presented in Appendix E.

3.2.5 Groundwater Flow Velocity

Movement of groundwater in a porous medium is described by Darcy's Law. Darcy's Law is expressed as:

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

Where:

V = groundwater flow velocity

K = average hydraulic conductivity

n = effective porosity

i = average hydraulic gradient

Data from soil borings advanced during the DPT investigation indicate that oolitic limestone is the typical lithology at the site. Review of standard references suggests that a representative effective porosity for weathered oolitic limestone is approximately 30 percent (Davis and Deweist, 1966).

Setting K = 9.5 x 10^{-1} ft/ day for shallow groundwater flow, i = 0.001 feet/foot, and n=0.30, V for the shallow zone was calculated at 0.0031 feet per day.

3.2.6 Potable Water Supply Well Survey

No freshwater public or registered domestic wells are in use on NAS Key West (ABB, 1995). Some residences in Key West have wells that withdraw water from the surficial aquifer for non-potable uses. The Florida Keys Aqueduct Authority (FKAA) operates and maintains the Florida Keys Aqueduct, which supplies potable water to all of the Keys. This water is drawn from wells near Florida City in southeastern Dade County. It is pumped 130 miles through a water main that parallels U.S. Highway 1 and terminates in Key West. The Monroe County Health Department recognizes the public water supply as the only potable water source available in Key West.

Alternative sources of potable water and non-potable water used in the Keys include private cisterns, private wells utilizing reverse osmosis, home desalination systems, and bottled water. The number of people who may be using water from these alternative sources is unknown. The best estimate of the number of people using local groundwater for non-potable domestic purposes is less than 500 (ABB, 1995).

3.2.7 Tidal Influence

Groundwater fluctuations were measured in three monitoring wells, FCMW-05, FCMW-26 and FCMW-27 during a 48 hour period. The maximum fluctuation was observed in monitoring well FCMW-05, with a fluctuation of approximately 0.001 feet in water level during the day cycle, while the night cycle was 0.046 feet. These fluctuations were compared to the tides recorded by the closest predicted tide station to the study area (Rockland Key Channel Bridge). Maximum tidal fluctuations at the station were 1.4 feet during the day cycle and 0.9 feet during the night cycle. The high and low water level measurements in the monitoring wells were observed approximately 30 minutes behind the measurements at the tide station. As hypothesized, water-level data recorded from monitoring wells during the tidal study indicate that the groundwater cycles semi-diurnally with the tides. This data suggests that there is a tidal influence on the surficial aquifer at the site. The closest tidally influenced body of water is a marshy area of Florida Bay that is located approximately 1000 feet north and east of the site. The data from the tidal survey is provided in Appendix D.

3.3 SURFACE WATER

A marshy inlet of the Gulf of Mexico is located approximately 1,000 feet north and east of the site. A lagoon is located 1,500 feet to the southeast of the study area.

TABLE 3-1

GROUNDWATER ELEVATION SUMMARY
BOCA CHICA FLYING CLUB
SUPPLEMENTAL SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA

Well No.	**FC-MW-19**			**FC-MW-22**			**FC-MW-23**			**FC-MW-24**			**FC-MW-25**		
Well Diameter	2 inches			2 inches			2 inches			2 inches			2 inches		
Well Depth (bls)	12			12			12			12			12		
Screened Interval (bls)	2-12			2-12			2-12			2-12			2-12		
TOC Elevation (above msl)	5.31			5.06			5.64			5.80			4.72		
Date	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
9/29/04	1.95	3.36	ND	1.98	3.08	ND	1.98	3.66	ND	1.98	3.82	ND	1.98	2.74	ND
1/28/05	1.46	3.85	ND	1.24	3.82	ND	1.74	3.90	ND	1.62	4.18	ND	1.64	3.08	ND

Well No.	**FC-MW-26**			**FC-MW-27**			**FC-MW-28**		
Well Diameter	2 inches			2 inches			2 inches		
Well Depth (bls)	12			12			12		
Screened Interval (bls)	2-12			2-12			2-12		
TOC Elevation (above msl)	5.15			5.28			5.74		
Date	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
9/29/2004	2.03	3.12	ND	1.95	3.33	0.06	2.00	3.74	ND
1/28/05	1.58	3.57	ND	1.46	3.82	0.05	1.74	4.00	ND

Well No.	**FC-MW-05**			**FC-MW-06**		
Well Diameter	2 inches			2 inches		
Well Depth (bls)	12			12		
Screened Interval (bls)	2-12			2-12		
TOC Elevation (above msl)	5.78			4.86		
Date	**ELEV**	**DTW**	**FP**	**ELEV**	**DTW**	**FP**
9/29/2004	1.99	3.79	ND	2.11	2.75	ND
1/28/05	1.66	4.12	ND	1.84	3.02	ND

NOTES:
Measurements in feet except for well diameter.
TOC elevations surveyed by Island Surveying and Mapping in August 2003, May 2004, and May 2005 (NGVD 29).
TOC Top of casing
ELEV Groundwater Elevation (msl)
DTW Depth to water (below TOC)
FP Free product thickness
ND Not detected
bls below land surface
msl mean sea level

4.0 SITE ASSESSMENT RESULTS

Soil samples were collected at the site for headspace screening and/or laboratory analysis. Groundwater samples were collected from selected soil borings during the DPT investigation. Monitoring wells were installed based on the results of the soil and groundwater assessment, and samples collected from newly and previously installed monitoring wells. The results of groundwater analyses were compared to the FDEP GCTLs, listed in Chapter 62-777, FAC Table I.

4.1 SOIL ASSESSMENT RESULTS

4.1.1 DPT Headspace Screening

A DPT investigation was conducted to estimate the extent of petroleum-impacted soil at the site. Vadose zone soils were evaluated for headspace vapor screening. A summary of detected soil FID screening results is presented in Table 4-1. Soil boring locations and vapor readings are depicted on Figure 4-1. Excessively contaminated soil, as defined in Chapter 62-770.200(12), FAC was identified in two of the samples collected from the vadose zone.

4.1.2 Laboratory Soil Sample Analysis

During the July 2004 DPT investigation, soil samples were collected from three locations for laboratory analysis. The samples were collected from the 2-4 ft interval at locations KWFCSB19-04, KWFCSB-28-04 and KWFCSB-46-04. These borings had the high, medium and low FID readings. Soil samples were also collected from the 0-2 ft and 2-4 ft intervals from each of the monitoring well borings during the September 2004 event. The soil samples from the July 2004 event were analyzed for BTEX, MTBE, PAHs, and TRPH, while the samples from the September 2004 event were analyzed for VOC's, SVOC's, pesticides/PCBs, TAL metals and tin. During the September 2004 event, one sample was collected from each of the two former excavation areas from the 0-2 ft and 2-4 ft intervals (SS01 and SS02). Soil sample locations are presented in Figure 4-1. Analytical validation reports can be found in Appendix B.

Benzo(a)anthracene was the only contaminant detected above residential SCTLs in the borings from FCMW-24, FCMW-26 and FCSS-01. No other petroleum constituents were detected in the soil samples. The soil analytical results are presented in Table 4-2 and shown in Figure 4-2.

4.2 GROUNDWATER ASSESSMENT RESULTS

4.2.1 DPT Assessment

Groundwater screening samples were collected from select soil borings that had elevated FID readings in the saturated zone (4 to 6 ft bls) during the DPT investigation. Groundwater exceedances are depicted on Figure 4-3. The groundwater samples were analyzed for PPL VOCs, BTEX, MTBE, and PAHs and lead.

Several GCTLs were exceeded in groundwater screening samples. Total naphthalenes (naphthalene, 1 and 2-methylnaphthalene) exceeded their GCTLs in eleven of the samples collected. The VOCs, benzene, ethylbenzene and total xylenes were in excess of their respective GCTL in three groundwater screening samples. Lead was above the GCTL in seven of the borings. The samples were collected from boreholes located immediately east of Building A133. Building A133 was part of the former motor pool refueling point and location of the former USTs. A second area of groundwater exceedances was located further to the southeast of Building A133. One boring with an exceedance of naphthalene was found in the former location of the AST area. The groundwater screening sample detections are shown in Table 4-3. Locations of all groundwater screening exceedances are shown on Figure 4-3.

4.2.2 Monitoring Well Sampling

Groundwater samples were collected from the ten on-site monitoring wells in September 2004 and analyzed at an off-site laboratory for VOCs, SVOCs, Pesticides, PCBs, TAL metals, and tin. During the September 2004 event, petroleum contaminant concentrations were detected above GCTLs in FC-MW-22, FC-MW-23 and FC-MW-24. Ethylbenzene was the only volatile compound to exceed its GCTLs with concentrations of 32, 145 and 44 μg/L in monitoring wells FC-MW-22, FC-MW-23 and FC-MW-24, respectively. Other VOCs detected below GCTLs were benzene, bromomethane, carbon disulfide, xylenes, and toluene. As with the groundwater screening samples, the SVOCs, naphthalene and 2-methylnaphthalene were also detected in the samples collected. These samples had levels of SVOCs above GCTLs. The pesticide Alpha-BHC was also detected above its GCTL in FCMW-22 and FCMW-23. Lead was detected above its GCTLs in three wells and aluminum was present above its GCTL in FC-MW-23 and FC-MW-27. Several other metals were detected in the wells including arsenic, however all levels were below GCTLs. September 2004 detections are reported in Table 4-4. The locations of exceedances are shown on Figure 4-4.

During the January 2005 sampling event, ethylbenzene was the only volatile compound that exceeded its GCTL in groundwater (FC-MW-23) with a concentration of 48 μg/L. Naphthalene and 2-methylnaphthalene again exceeded their GCTLs in monitoring wells FC-MW-22, FC-MW-23 and FC-MW-24. Lead was detected above its GCTL in FC-MW-22 and FC-MW-24. Other metals were also detected during the sampling event but were below GCTLs. The pesticide Delta-BHC was detected in FC-MW-06 below its

GCTL. Laboratory results are summarized in Table 4-5. Groundwater exceedances are shown on Figure 4-5.

TABLE 4-1

**DETECTED SOIL HEADSPACE ANALYTICAL RESULTS
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 2**

SOIL BORING LOCATION	DATE COLLECTED	DEPTH TO WATER (feet bls)	SAMPLE INTERVAL (feet bls)	TOTAL FID READING (ppm)
FC-SB-07	7/18/04	5.5	4-6	117
FC-SB-11	7/18/04	5.5	0-2	6.7
FC-SB-12	7/18/04	5.5	4-6	617
FC-SB-17	7/18/04	5.5	4-6	303
FC-SB-18	7/18/04	5.5	4-6	75
FC-SB-22	7/18/04	5.5	2-4	1.6
FC-SB-22	7/18/04	5.5	4-6	2007
FC-SB-26	7/18/04	5.5	4-6	4.2
FC-SB-27	7/18/04	5.5	4-6	284
FC-SB-28	7/18/04	5.5	2-4	225
FC-SB-28	7/18/04	5.5	4-6	6521
FC-SB-30	7/18/04	5.5	4-6	130
FC-SB-31	7/18/04	5.5	4-6	4.2
FC-SB-32	7/18/04	5.5	4-6	6500
FC-SB-33	7/18/04	5.5	2-4	1.6
FC-SB-33	7/18/04	5.5	4-6	183
FC-SB-34	7/18/04	5.5	4-6	375
FC-SB-35	7/18/04	5.5	4-6	2460
FC-SB-37	7/18/04	5.5	0-2	20
FC-SB-37	7/18/04	5.5	2-4	3.2
FC-SB-37	7/18/04	5.5	4-6	4800
FC-SB-38	7/18/04	5.5	4-6	3580
FC-SB-39	7/18/04	5.5	4-6	285
FC-SB-40	7/18/04	5.5	2-4	47
FC-SB-40	7/18/04	5.5	4-6	6700
FC-SB-42	7/18/04	5.5	4-6	6500
FC-SB-43	7/18/04	5.5	4-6	86
FC-SB-44	7/18/04	5.5	2-4	43
FC-SB-44	7/18/04	5.5	4-6	23
FC-SB-45	7/18/04	5.5	2-4	24
FC-SB-45	7/18/04	5.5	4-6	84
FC-SB-46	7/18/04	5.5	2-4	82

TABLE 4-1

**DETECTED SOIL HEADSPACE ANALYTICAL RESULTS
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 2**

SOIL BORING LOCATION	DATE COLLECTED	DEPTH TO WATER (feet bls)	SAMPLE INTERVAL (feet bls)	TOTAL FID READING (ppm)
FC-SB-46	7/20/04	5.0	4-6	10
FC-SB-47	7/20/04	5.0	4-6	1340
FC-SB-48	7/20/04	5.0	4-6	247
FC-SB-49	7/20/04	5.0	2-4	33
FC-SB-49	7/20/04	5.0	4-6	309
FC-SB-50	7/20/04	5.0	0-2	33
FC-SB-50	7/20/04	5.0	4-6	6500
FC-SB-51	7/20/04	5.0	4-6	24
FC-SB-52	7/20/04	5.0	4-6	178
FC-SB-53	7/20/04	5.0	4-6	320
FC-SB-54	7/20/04	5.0	4-6	3400
FC-SB-73	9/21/04	3-4	2-4	3200
FC-SB-83	9/21/04	3-4	2-4	3180
FC-SB-84	9/21/04	3-4	2-4	178
FC-SB-85	9/21/04	3-4	2-4	3000

Notes:
All samples with positive FID readings were measured a second time using the FID with a GAC filter for vapor readings due to organic constituents. However, no response was observed on any sample, therefore, the Total FID reading is only shown in the table.

bls Below land surface
ppm Parts per million
FID Flame Ionization Detector

TABLE 4-2

**SOIL ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA**

DEPTH (feet bls)	LOCATION	PARAMETER	RESULT (mg/kg)	QUAL.[a]	SCTL[b] (mg/kg)
2 -4	KWFCSB46-04-0704	BENZO(A)ANTHRACENE	110	J	1400
2 -4	KWFCSB46-04-0704	BENZO(A)PYRENE	98	J	100
2 -4	KWFCSB46-04-0704	BENZO(B)FLUORANTHENE	110	J	1400
2 -4	KWFCSB46-04-0704	BENZO(K)FLUORANTHENE	96	J	15000
2 -4	KWFCSB46-04-0704	CHRYSENE	99	J	140000
2 -4	KWFCSB46-04-0704	FLUORANTHENE	89	J	2900000
2 -4	KWFCSB46-04-0704	PYRENE	120	J	2200000
2 -4	KWFCSB28-04-0704	TOTAL PETROLEUM HYDROCARBONS	50		340
2 -4	KWFCSB46-04-0704	TOTAL PETROLEUM HYDROCARBONS	49	J	340

Notes:
The notation "-AVG" indicates that duplicate samples were collected and averaged for the reported result.
(a) Qualifier (Qual.)Codes:
J – The result is an estimated quantity.
(b) Soil Cleanup Target Level (SCTL), Residential Criteria for direct exposure as listed in Chapter 62-777, FAC, Table II.
bls below land surface
mg/kg milligram per kilogram

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 6**

Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW23-02-0904	ALUMINUM	46.3		80000
0-4	KWFCSB-MW23-04-0904-AVG	ALUMINUM	44.35		
0-2	KWFCSB-MW24-02-0904	ALUMINUM	1930		
0-4	KWFCSB-MW24-04-0904	ALUMINUM	103		
0-2	KWFCSB-MW25-02-0904	ALUMINUM	51.5		
0-4	KWFCSB-MW25-04-0904	ALUMINUM	39.8		
0-2	KWFCSB-MW26-02-0904	ALUMINUM	298		
0-4	KWFCSB-MW26-04-0904	ALUMINUM	47		
0-2	KWFCSB-MW27-02-0904	ALUMINUM	43.8		
0-2	KWFCSB-MW28-02-0904	ALUMINUM	504		
0-4	KWFCSB-MW28-04-0904	ALUMINUM	69.3		
0-2	KWFCSB-SS01-02-0904	ALUMINUM	253		
0-4	KWFCSB-SS01-04-0904	ALUMINUM	190		
0-2	KWFCSB-SS02-02-0904	ALUMINUM	263		
0-4	KWFCSB-SS02-04-0904	ALUMINUM	161		
0-2	KWFCSB-MW23-02-0904	ANTIMONY	0.27		27
0-2	KWFCSB-MW24-02-0904	ANTIMONY	1.2		
0-2	KWFCSB-MW25-02-0904	ANTIMONY	0.18		
0-2	KWFCSB-MW28-02-0904	ANTIMONY	0.32		
0-2	KWFCSB-MW23-02-0904	ARSENIC	0.78		2.1
0-4	KWFCSB-MW23-04-0904-AVG	ARSENIC	0.2275(1)		
0-2	KWFCSB-MW24-02-0904	ARSENIC	1.6		
0-4	KWFCSB-MW24-04-0904	ARSENIC	0.32		
0-2	KWFCSB-MW25-02-0904	ARSENIC	0.24		
0-4	KWFCSB-MW25-04-0904	ARSENIC	0.3		
0-2	KWFCSB-MW26-02-0904	ARSENIC	0.38		
0-4	KWFCSB-MW26-04-0904	ARSENIC	0.26		
0-2	KWFCSB-MW28-02-0904	ARSENIC	0.75		
0-4	KWFCSB-SS01-02-0904	ARSENIC	0.85		
0-4	KWFCSB-SS01-04-0904	ARSENIC	0.62		
0-2	KWFCSB-SS02-02-0904	ARSENIC	1.9		
0-4	KWFCSB-SS02-04-0904	ARSENIC	0.36		
0-2	KWFCSB-MW23-02-0904	BARIUM	10.6		120
0-4	KWFCSB-MW23-04-0904-AVG	BARIUM	7.2		
0-2	KWFCSB-MW24-02-0904	BARIUM	26.8		
0-4	KWFCSB-MW24-04-0904	BARIUM	6.2		
0-2	KWFCSB-MW25-02-0904	BARIUM	6.8		
0-4	KWFCSB-MW25-04-0904	BARIUM	6.7		

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 6**

Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW26-02-0904	BARIUM	47.3		120
0-4	KWFCSB-MW26-04-0904	BARIUM	9.4		
0-2	KWFCSB-MW27-02-0904	BARIUM	8		
0-4	KWFCSB-MW27-04-0904	BARIUM	7.6		
0-2	KWFCSB-MW28-02-0904	BARIUM	9.9		
0-4	KWFCSB-MW28-04-0904	BARIUM	7		
0-2	KWFCSB-SS01-02-0904	BARIUM	8.5		
0-4	KWFCSB-SS01-04-0904	BARIUM	7.6		
0-2	KWFCSB-SS02-02-0904	BARIUM	12.1		
0-4	KWFCSB-SS02-04-0904	BARIUM	7.7		
0-2	KWFCSB-MW24-02-0904	CADMIUM	1		82
0-2	KWFCSB-MW26-02-0904	CADMIUM	0.55		
0-2	KWFCSB-MW28-02-0904	CADMIUM	0.46		
0-2	KWFCSB-MW23-02-0904	CHROMIUM	1.9		210
0-4	KWFCSB-MW23-04-0904-AVG	CHROMIUM	1.85		
0-2	KWFCSB-MW24-02-0904	CHROMIUM	9.9		
0-4	KWFCSB-MW24-04-0904	CHROMIUM	2.2		
0-2	KWFCSB-MW25-02-0904	CHROMIUM	1.8		
0-4	KWFCSB-MW25-04-0904	CHROMIUM	1.6		
0-2	KWFCSB-MW26-02-0904	CHROMIUM	5.1		
0-4	KWFCSB-MW26-04-0904	CHROMIUM	2		
0-2	KWFCSB-MW27-02-0904	CHROMIUM	1.6		
0-4	KWFCSB-MW27-04-0904	CHROMIUM	1.7		
0-2	KWFCSB-MW28-02-0904	CHROMIUM	2.6		
0-4	KWFCSB-MW28-04-0904	CHROMIUM	1.9		
0-2	KWFCSB-SS01-02-0904	CHROMIUM	3.1		
0-4	KWFCSB-SS01-04-0904	CHROMIUM	2.5		
0-2	KWFCSB-SS02-02-0904	CHROMIUM	3		
0-4	KWFCSB-SS02-04-0904	CHROMIUM	2.1		
0-2	KWFCSB-MW24-02-0904	COBALT	0.6		1700
0-2	KWFCSB-MW23-02-0904	COPPER	1.6		150
0-4	KWFCSB-MW23-04-0904-AVG	COPPER	0.95		
0-2	KWFCSB-MW24-02-0904	COPPER	18.8		
0-4	KWFCSB-MW24-04-0904	COPPER	1.5		
0-2	KWFCSB-MW25-02-0904	COPPER	0.93		
0-4	KWFCSB-MW25-04-0904	COPPER	0.88		
0-2	KWFCSB-MW26-02-0904	COPPER	7.2		
0-4	KWFCSB-MW26-04-0904	COPPER	1.5		

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW27-02-0904	COPPER	0.88		150
0-4	KWFCSB-MW27-04-0904	COPPER	1		
0-2	KWFCSB-MW28-02-0904	COPPER	6.1		
0-4	KWFCSB-MW28-04-0904	COPPER	1.1		
0-2	KWFCSB-SS01-02-0904	COPPER	3.9		
0-4	KWFCSB-SS01-04-0904	COPPER	2.3		
0-2	KWFCSB-SS02-02-0904	COPPER	5.8		
0-4	KWFCSB-SS02-04-0904	COPPER	2.1		
0-2	KWFCSB-MW23-02-0904	IRON	39.4		53000
0-4	KWFCSB-MW23-04-0904-AVG	IRON	30.35		
0-2	KWFCSB-MW24-02-0904	IRON	2630		
0-4	KWFCSB-MW24-04-0904	IRON	73.7		
0-2	KWFCSB-MW25-02-0904	IRON	28.4		
0-4	KWFCSB-MW25-04-0904	IRON	16.5		
0-2	KWFCSB-MW26-02-0904	IRON	1320		
0-4	KWFCSB-MW26-04-0904	IRON	97.2		
0-2	KWFCSB-MW27-02-0904	IRON	22.4		
0-4	KWFCSB-MW27-04-0904	IRON	18.6		
0-2	KWFCSB-MW28-02-0904	IRON	417		
0-4	KWFCSB-MW28-04-0904	IRON	43.8		
0-2	KWFCSB-SS01-02-0904	IRON	274		
0-4	KWFCSB-SS01-04-0904	IRON	158		
0-2	KWFCSB-SS02-02-0904	IRON	366		
0-4	KWFCSB-SS02-04-0904	IRON	210		
0-2	KWFCSB-MW23-02-0904	LEAD	5.3		400
0-2	KWFCSB-MW24-02-0904	LEAD	182		
0-2	KWFCSB-MW25-02-0904	LEAD	11.2		
0-4	KWFCSB-MW25-04-0904	LEAD	11.9		
0-2	KWFCSB-MW26-02-0904	LEAD	40.9		
0-2	KWFCSB-SS01-02-0904	LEAD	8		
0-4	KWFCSB-SS01-04-0904	LEAD	8.1		
0-2	KWFCSB-SS02-02-0904	LEAD	23.9		
0-4	KWFCSB-SS02-04-0904	LEAD	5.7		
0-2	KWFCSB-MW23-02-0904	MANGANESE	0.99		3500
0-4	KWFCSB-MW23-04-0904-AVG	MANGANESE	0.83		
0-2	KWFCSB-MW24-02-0904	MANGANESE	25.4		
0-4	KWFCSB-MW24-04-0904	MANGANESE	2.3		
0-2	KWFCSB-MW25-02-0904	MANGANESE	0.87		

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW26-02-0904	MANGANESE	9.7		3500
0-4	KWFCSB-MW26-04-0904	MANGANESE	2.2		
0-2	KWFCSB-MW27-02-0904	MANGANESE	0.78		
0-2	KWFCSB-MW28-02-0904	MANGANESE	9.8		
0-4	KWFCSB-MW28-04-0904	MANGANESE	1.3		
0-2	KWFCSB-SS01-02-0904	MANGANESE	60.9		
0-4	KWFCSB-SS01-04-0904	MANGANESE	44.5		
0-2	KWFCSB-SS02-02-0904	MANGANESE	62.6		
0-4	KWFCSB-SS02-04-0904	MANGANESE	37.4		
0-2	KWFCSB-MW24-02-0904	MERCURY	0.01		3.0
0-4	KWFCSB-MW23-04-0904-AVG	THALLIUM	0.295(1)		6.1
0-4	KWFCSB-MW27-04-0904	THALLIUM	1.2		
0-2	KWFCSB-MW23-02-0904	VANADIUM	1.1		67
0-4	KWFCSB-MW23-04-0904-AVG	VANADIUM	1.04		
0-2	KWFCSB-MW24-02-0904	VANADIUM	2.6		
0-4	KWFCSB-MW24-04-0904	VANADIUM	0.76		
0-2	KWFCSB-MW25-02-0904	VANADIUM	0.98		
0-4	KWFCSB-MW25-04-0904	VANADIUM	0.89		
0-2	KWFCSB-MW26-02-0904	VANADIUM	1.7		
0-4	KWFCSB-MW26-04-0904	VANADIUM	1.7		
0-2	KWFCSB-MW27-02-0904	VANADIUM	0.64		
0-4	KWFCSB-MW27-04-0904	VANADIUM	0.94		
0-2	KWFCSB-MW28-02-0904	VANADIUM	1.2		
0-4	KWFCSB-MW28-04-0904	VANADIUM	0.68		
0-2	KWFCSB-SS01-02-0904	VANADIUM	1.6		
0-4	KWFCSB-SS01-04-0904	VANADIUM	0.88		
0-2	KWFCSB-SS02-02-0904	VANADIUM	1.3		
0-4	KWFCSB-SS02-04-0904	VANADIUM	0.69		
0-2	KWFCSB-MW23-02-0904	ZINC	11		26000
0-2	KWFCSB-MW24-02-0904	ZINC	68		
0-2	KWFCSB-MW26-02-0904	ZINC	21.2		
0-2	KWFCSB-MW28-02-0904	ZINC	12.8		
0-2	KWFCSB-SS01-02-0904	ZINC	11.1		
0-4	KWFCSB-SS01-04-0904	ZINC	7.5		
0-2	KWFCSB-SS02-02-0904	ZINC	12.7		
0-4	KWFCSB-SS02-04-0904	ZINC	5.9		
0-2	KWFCSB-MW24-02-0904	ACENAPHTHYLENE	42	J	1800000
0-2	KWFCSB-MW24-02-0904	BENZO(A)ANTHRACENE	39	J	1400

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW26-02-0904	BENZO(A)ANTHRACENE	37	J	1400
0-2	KWFCSB-MW24-02-0904	BENZO(A)PYRENE	230	J	100
0-2	KWFCSB-MW26-02-0904	BENZO(A)PYRENE	240	J	
0-2	KWFCSB-SS01-02-0904	BENZO(A)PYRENE	200	J	
0-2	KWFCSB-MW24-02-0904	BENZO(B)FLUORANTHENE	310	J	1400
0-2	KWFCSB-MW26-02-0904	BENZO(B)FLUORANTHENE	270	J	
0-2	KWFCSB-MW24-02-0904	BENZO(G,H,I)PERYLENE	81	J	2500
0-2	KWFCSB-MW26-02-0904	BENZO(G,H,I)PERYLENE	78	J	
0-2	KWFCSB-MW24-02-0904	BENZO(K)FLUORANTHENE	81	J	15000
0-2	KWFCSB-MW26-02-0904	BENZO(K)FLUORANTHENE	66	J	
0-2	KWFCSB-MW24-02-0904	CHRYSENE	120	J	140000
0-2	KWFCSB-MW26-02-0904	CHRYSENE	50	J	
0-2	KWFCSB-MW24-02-0904	FLUORANTHENE	350	J	3200000
0-2	KWFCSB-MW26-02-0904	FLUORANTHENE	280	J	
0-2	KWFCSB-SS01-02-0904	FLUORANTHENE	240	J	
0-2	KWFCSB-SS02-02-0904	FLUORANTHENE	240	J	
0-2	KWFCSB-MW24-02-0904	INDENO(1,2,3-CD)PYRENE	74	J	1500
0-2	KWFCSB-MW26-02-0904	INDENO(1,2,3-CD)PYRENE	78	J	
0-2	KWFCSB-SS01-02-0904	INDENO(1,2,3-CD)PYRENE	56	J	
0-2	KWFCSB-MW24-02-0904	PYRENE	120	J	2400000
0-4	KWFCSB-SS01-04-0904	ACETONE	17	J	11000
0-2	KWFCSB-SS02-02-0904	ACETONE	15	J	
0-4	KWFCSB-MW23-04-0904-AVG	BROMOMETHANE	20.5(1)	J	3100
0-4	KWFCSB-MW23-04-0904-AVG	CHLOROFORM	4.5(1)	J	400
0-2	KWFCSB-MW24-02-0904	CHLOROFORM	0.7	J	
0-4	KWFCSB-MW24-04-0904	CHLOROFORM	0.6	J	
0-2	KWFCSB-MW25-02-0904	CHLOROFORM	0.7	J	
0-4	KWFCSB-MW25-04-0904	CHLOROFORM	0.8	J	
0-2	KWFCSB-MW26-02-0904	CHLOROFORM	0.4	J	
0-2	KWFCSB-MW27-02-0904	CHLOROFORM	1	J	
0-4	KWFCSB-MW28-04-0904	CHLOROFORM	1	J	
0-2	KWFCSB-SS01-02-0904	CHLOROFORM	0.9	J	
0-4	KWFCSB-SS02-04-0904	CHLOROFORM	0.7	J	
0-4	KWFCSB-MW23-04-0904-AVG	METHYL IODIDE	32.5(1)	J	0
0-4	KWFCSB-MW23-04-0904-AVG	METHYLENE CHLORIDE	51.5(1)	J	17000
0-4	KWFCSB-MW28-04-0904	TRICHLOROFLUOROMETHANE	2	J	270000
0-4	KWFCSB-SS01-04-0904	TRICHLOROFLUOROMETHANE	0.8	J	
0-4	KWFCSB-SS02-04-0904	TRICHLOROFLUOROMETHANE	3	J	

TABLE 4-3

**SOIL ANALYTICAL RESULTS, SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Depth	Location	Parameter	Results	Qual.	SCTL
0-2	KWFCSB-MW24-02-0904	AROCLOR-1260	92		500
0-2	KWFCSB-MW26-02-0904	AROCLOR-1260	20	J	
0-2	KWFCSB-SS02-02-0904	4,4'-DDD	1.7	J	4200
0-2	KWFCSB-MW24-02-0904	4,4'-DDE	1.9	J	2900
0-2	KWFCSB-MW26-02-0904	4,4'-DDE	31		
0-2	KWFCSB-SS01-02-0904	4,4'-DDE	4.7	J	
0-2	KWFCSB-SS02-02-0904	4,4'-DDE	8.7		
0-2	KWFCSB-MW24-02-0904	4,4'-DDT	9.8	J	
0-2	KWFCSB-MW26-02-0904	4,4'-DDT	14		
0-2	KWFCSB-SS01-02-0904	4,4'-DDT	2.6	J	
0-2	KWFCSB-SS02-02-0904	4,4'-DDT	4.3	J	

Shading indicates an exceedance of the GCTL.
(a) Qualifier (Qual.):
J – The result is an estimated quantity.
(b) Groundwater Cleanup Target Level (GCTL) as defined in Chapter 62-777, FAC, Table I.

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 1 OF 7**

LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-07-0704	LEAD	1.8		15	
KWFCGS-27-0704	LEAD	6.9		15	
KWFCGS-28-0704	LEAD	19.6		15	EXCEED
KWFCGS-30-0704	LEAD	14		15	
KWFCGS-32-0704	LEAD	20.1		15	EXCEED
KWFCGS-32-0704-D	LEAD	14.8		15	
KWFCGS-35-0704	LEAD	6.9		15	
KWFCGS-36-0704	LEAD	13.8		15	
KWFCGS-37-0704	LEAD	69.4		15	EXCEED
KWFCGS-38-0704	LEAD	16.2		15	EXCEED
KWFCGS-40-0704	LEAD	24.5		15	EXCEED
KWFCGS-42-0704-D	LEAD	3.5		15	
KWFCGS-49-0704	LEAD	9.4		15	
KWFCGS-50-0704	LEAD	6		15	
KWFCGS-54-0704	LEAD	30		15	EXCEED
KWFCGS-55-0704	LEAD	31.5		15	EXCEED
KWFCGS-22-0704	BENZENE	0.5	J	1	
KWFCGS-26-0704	BENZENE	0.3	J	1	
KWFCGS-28-0704	BENZENE	0.6	J	1	
KWFCGS-36-0704	BENZENE	1	J	1	
KWFCGS-37-0704	BENZENE	0.1	J	1	
KWFCGS-38-0704	BENZENE	0.2	J	1	
KWFCGS-40-0704	BENZENE	710		1	EXCEED
KWFCGS-49-0704	BENZENE	21		1	EXCEED
KWFCGS-54-0704	BENZENE	0.2	J	1	
KWFCGS-55-0704	BENZENE	0.3	J	1	
KWFCGS-07-0704	ETHYLBENZENE	2		30	
KWFCGS-22-0704	ETHYLBENZENE	0.2	J	30	
KWFCGS-26-0704	ETHYLBENZENE	5		30	
KWFCGS-27-0704	ETHYLBENZENE	1	J	30	
KWFCGS-28-0704	ETHYLBENZENE	11		30	
KWFCGS-30-0704	ETHYLBENZENE	39		30	EXCEED
KWFCGS-32-0704	ETHYLBENZENE	3		30	
KWFCGS-32-0704-D	ETHYLBENZENE	3		30	
KWFCGS-35-0704	ETHYLBENZENE	5		30	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
PAGE 2 OF 7**

LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-36-0704	ETHYLBENZENE	3		30	
KWFCGS-37-0704	ETHYLBENZENE	2		30	
KWFCGS-38-0704	ETHYLBENZENE	1		30	
KWFCGS-40-0704	ETHYLBENZENE	1200		30	EXCEED
KWFCGS-42-0704	ETHYLBENZENE	13		30	
KWFCGS-42-0704-D	ETHYLBENZENE	12		30	
KWFCGS-49-0704	ETHYLBENZENE	19		30	
KWFCGS-50-0704	ETHYLBENZENE	6		30	
KWFCGS-54-0704	ETHYLBENZENE	1		30	
KWFCGS-55-0704	ETHYLBENZENE	0.3	J	30	
KWFCGS-58-0704	ETHYLBENZENE	0.6	J	30	
KWFCGS-07-0704	M+P-XYLENES	1	J	20	
KWFCGS-26-0704	M+P-XYLENES	4		20	
KWFCGS-27-0704	M+P-XYLENES	0.4	J	20	
KWFCGS-28-0704	M+P-XYLENES	4		20	
KWFCGS-30-0704	M+P-XYLENES	21		20	EXCEED
KWFCGS-32-0704	M+P-XYLENES	4		20	
KWFCGS-32-0704-D	M+P-XYLENES	4		20	
KWFCGS-35-0704	M+P-XYLENES	3		20	
KWFCGS-36-0704	M+P-XYLENES	2		20	
KWFCGS-37-0704	M+P-XYLENES	4		20	
KWFCGS-38-0704	M+P-XYLENES	0.7	J	20	
KWFCGS-40-0704	M+P-XYLENES	660		20	EXCEED
KWFCGS-42-0704	M+P-XYLENES	4		20	
KWFCGS-42-0704-D	M+P-XYLENES	4		20	
KWFCGS-49-0704	M+P-XYLENES	60		20	EXCEED
KWFCGS-50-0704	M+P-XYLENES	2	J	20	
KWFCGS-54-0704	M+P-XYLENES	2		20	
KWFCGS-58-0704	M+P-XYLENES	0.4	J	20	
KWFCGS-07-0704	O-XYLENE	0.2	J	20	
KWFCGS-30-0704	O-XYLENE	3		20	
KWFCGS-32-0704	O-XYLENE	0.4	J	20	
KWFCGS-32-0704-D	O-XYLENE	0.4	J	20	
KWFCGS-36-0704	O-XYLENE	0.2	J	20	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-42-0704	O-XYLENE	0.4	J	20	
KWFCGS-42-0704-D	O-XYLENE	0.5	J	20	
KWFCGS-49-0704	O-XYLENE	4		20	
KWFCGS-50-0704	O-XYLENE	0.3	J	20	
KWFCGS-54-0704	O-XYLENE	0.3	J	20	
KWFCGS-07-0704	TOLUENE	0.2	J	40	
KWFCGS-22-0704	TOLUENE	0.2	J	40	
KWFCGS-26-0704	TOLUENE	0.3	J	40	
KWFCGS-30-0704	TOLUENE	1	J	40	
KWFCGS-32-0704	TOLUENE	0.2	J	40	
KWFCGS-32-0704-D	TOLUENE	0.2	J	40	
KWFCGS-36-0704	TOLUENE	0.2	J	40	
KWFCGS-37-0704	TOLUENE	0.2	J	40	
KWFCGS-38-0704	TOLUENE	0.2	J	40	
KWFCGS-40-0704	TOLUENE	110		40	EXCEED
KWFCGS-42-0704-D	TOLUENE	0.2	J	40	
KWFCGS-49-0704	TOLUENE	11		40	
KWFCGS-50-0704	TOLUENE	0.3	J	40	
KWFCGS-54-0704	TOLUENE	0.2	J	40	
KWFCGS-55-0704	TOLUENE	0.2	J	40	
KWFCGS-58-0704	TOLUENE	0.2	J	40	
KWFCGS-07-0704	TOTAL XYLENES	1.2	J	20	
KWFCGS-26-0704	TOTAL XYLENES	4		20	
KWFCGS-27-0704	TOTAL XYLENES	0.4	J	20	
KWFCGS-28-0704	TOTAL XYLENES	4	J	20	
KWFCGS-30-0704	TOTAL XYLENES	24		20	EXCEED
KWFCGS-32-0704	TOTAL XYLENES	4.4		20	
KWFCGS-32-0704-D	TOTAL XYLENES	4.4		20	
KWFCGS-35-0704	TOTAL XYLENES	3	J	20	
KWFCGS-36-0704	TOTAL XYLENES	2.2	J	20	
KWFCGS-37-0704	TOTAL XYLENES	4		20	
KWFCGS-38-0704	TOTAL XYLENES	0.7	J	20	
KWFCGS-40-0704	TOTAL XYLENES	660		20	EXCEED
KWFCGS-42-0704	TOTAL XYLENES	4.4		20	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-42-0704-D	TOTAL XYLENES	4.5		20	
KWFCGS-49-0704	TOTAL XYLENES	64		20	EXCEED
KWFCGS-50-0704	TOTAL XYLENES	2.3	J	20	
KWFCGS-54-0704	TOTAL XYLENES	2.3	J	20	
KWFCGS-55-0704	TOTAL XYLENES	0.4	J	20	
KWFCGS-07-0704	1-METHYLNAPHTHALENE	17		20	
KWFCGS-22-0704	1-METHYLNAPHTHALENE	19		20	
KWFCGS-26-0704	1-METHYLNAPHTHALENE	25		20	EXCEED
KWFCGS-27-0704	1-METHYLNAPHTHALENE	8.9		20	
KWFCGS-28-0704	1-METHYLNAPHTHALENE	48		20	EXCEED
KWFCGS-30-0704	1-METHYLNAPHTHALENE	53		20	EXCEED
KWFCGS-32-0704	1-METHYLNAPHTHALENE	22		20	EXCEED
KWFCGS-32-0704-D	1-METHYLNAPHTHALENE	28		20	EXCEED
KWFCGS-35-0704	1-METHYLNAPHTHALENE	1.4		20	
KWFCGS-36-0704	1-METHYLNAPHTHALENE	2	J	20	
KWFCGS-37-0704	1-METHYLNAPHTHALENE	12		20	
KWFCGS-38-0704	1-METHYLNAPHTHALENE	19		20	
KWFCGS-40-0704	1-METHYLNAPHTHALENE	86		20	EXCEED
KWFCGS-42-0704	1-METHYLNAPHTHALENE	12		20	
KWFCGS-42-0704-D	1-METHYLNAPHTHALENE	10		20	
KWFCGS-49-0704	1-METHYLNAPHTHALENE	84		20	EXCEED
KWFCGS-50-0704	1-METHYLNAPHTHALENE	26		20	EXCEED
KWFCGS-54-0704	1-METHYLNAPHTHALENE	13		20	
KWFCGS-58-0704	1-METHYLNAPHTHALENE	0.39		20	
KWFCGS-07-0704	2-METHYLNAPHTHALENE	0.81		20	
KWFCGS-22-0704	2-METHYLNAPHTHALENE	9.3		20	
KWFCGS-26-0704	2-METHYLNAPHTHALENE	50		20	EXCEED
KWFCGS-27-0704	2-METHYLNAPHTHALENE	19		20	
KWFCGS-28-0704	2-METHYLNAPHTHALENE	110		20	EXCEED
KWFCGS-30-0704	2-METHYLNAPHTHALENE	90		20	EXCEED
KWFCGS-32-0704	2-METHYLNAPHTHALENE	34		20	EXCEED
KWFCGS-32-0704-D	2-METHYLNAPHTHALENE	43		20	EXCEED
KWFCGS-35-0704	2-METHYLNAPHTHALENE	0.61		20	
KWFCGS-36-0704	2-METHYLNAPHTHALENE	1.4	J	20	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-37-0704	2-METHYLNAPHTHALENE	15		20	
KWFCGS-38-0704	2-METHYLNAPHTHALENE	18		20	
KWFCGS-40-0704	2-METHYLNAPHTHALENE	170		20	EXCEED
KWFCGS-42-0704	2-METHYLNAPHTHALENE	24		20	EXCEED
KWFCGS-42-0704-D	2-METHYLNAPHTHALENE	19		20	
KWFCGS-49-0704	2-METHYLNAPHTHALENE	140		20	EXCEED
KWFCGS-50-0704	2-METHYLNAPHTHALENE	35		20	EXCEED
KWFCGS-54-0704	2-METHYLNAPHTHALENE	17		20	
KWFCGS-55-0704	2-METHYLNAPHTHALENE	0.091	J	20	
KWFCGS-58-0704	2-METHYLNAPHTHALENE	0.33		20	
KWFCGS-07-0704	ACENAPHTHENE	0.38		20	
KWFCGS-22-0704	ACENAPHTHENE	1.6	J	20	
KWFCGS-27-0704	ACENAPHTHENE	0.11	J	20	
KWFCGS-28-0704	ACENAPHTHENE	0.4		20	
KWFCGS-32-0704	ACENAPHTHENE	0.48	J	20	
KWFCGS-32-0704-D	ACENAPHTHENE	0.44		20	
KWFCGS-37-0704	ACENAPHTHENE	1.2		20	
KWFCGS-38-0704	ACENAPHTHENE	0.21		20	
KWFCGS-40-0704	ACENAPHTHENE	0.15	J	20	
KWFCGS-42-0704	ACENAPHTHENE	0.078	J	20	
KWFCGS-49-0704	ACENAPHTHENE	0.75	J	20	
KWFCGS-54-0704	ACENAPHTHENE	0.089	J	20	
KWFCGS-36-0704	ACENAPHTHYLENE	0.1	J	210	
KWFCGS-37-0704	BENZO(A)ANTHRACENE	0.16	J	0.2	
KWFCGS-37-0704	BENZO(G,H,I)PERYLENE	0.15	J	210	
KWFCGS-37-0704	CHRYSENE	0.26		4.8	
KWFCGS-49-0704	FLUORANTHENE	0.11	J	280	
KWFCGS-55-0704	FLUORANTHENE	0.11	J	280	
KWFCGS-07-0704	FLUORENE	0.42		280	
KWFCGS-22-0704	FLUORENE	1.2	J	280	
KWFCGS-26-0704	FLUORENE	0.18	J	280	
KWFCGS-27-0704	FLUORENE	0.27		280	
KWFCGS-28-0704	FLUORENE	0.46		280	
KWFCGS-32-0704	FLUORENE	0.55	J	280	
KWFCGS-32-0704-D	FLUORENE	0.52		280	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-37-0704	FLUORENE	1.2		280	
KWFCGS-38-0704	FLUORENE	0.35		280	
KWFCGS-40-0704	FLUORENE	0.14	J	280	
KWFCGS-42-0704	FLUORENE	0.067	J	280	
KWFCGS-42-0704-D	FLUORENE	0.07	J	280	
KWFCGS-49-0704	FLUORENE	0.38	J	280	
KWFCGS-50-0704	FLUORENE	0.18	J	280	
KWFCGS-55-0704	FLUORENE	0.16	J	280	
KWFCGS-37-0704	INDENO(1,2,3-CD)PYRENE	0.2	J	0.2	
KWFCGS-07-0704	NAPHTHALENE	23		20	EXCEED
KWFCGS-22-0704	NAPHTHALENE	2.3	J	20	
KWFCGS-26-0704	NAPHTHALENE	43		20	EXCEED
KWFCGS-27-0704	NAPHTHALENE	4.9		20	
KWFCGS-28-0704	NAPHTHALENE	60		20	EXCEED
KWFCGS-30-0704	NAPHTHALENE	630		20	EXCEED
KWFCGS-32-0704	NAPHTHALENE	8.6		20	
KWFCGS-32-0704-D	NAPHTHALENE	9		20	
KWFCGS-35-0704	NAPHTHALENE	0.2	J	20	
KWFCGS-36-0704	NAPHTHALENE	29		20	EXCEED
KWFCGS-37-0704	NAPHTHALENE	1.3		20	
KWFCGS-38-0704	NAPHTHALENE	6		20	
KWFCGS-40-0704	NAPHTHALENE	580		20	EXCEED
KWFCGS-42-0704	NAPHTHALENE	17	J	20	
KWFCGS-42-0704-D	NAPHTHALENE	11	J	20	
KWFCGS-49-0704	NAPHTHALENE	760		20	EXCEED
KWFCGS-50-0704	NAPHTHALENE	120		20	EXCEED
KWFCGS-54-0704	NAPHTHALENE	71		20	EXCEED
KWFCGS-55-0704	NAPHTHALENE	0.11	J	20	
KWFCGS-58-0704	NAPHTHALENE	1.1		20	
KWFCGS-22-0704	PHENANTHRENE	1.9	J	210	
KWFCGS-28-0704	PHENANTHRENE	0.12	J	210	
KWFCGS-32-0704	PHENANTHRENE	0.17	J	210	
KWFCGS-32-0704-D	PHENANTHRENE	0.14	J	210	
KWFCGS-37-0704	PHENANTHRENE	0.93		210	

TABLE 4-4

**GROUNDWATER SCREENING ANALYTICAL RESULTS, JULY 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
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LOCATION	PARAMETER	RESULT (µg/L)	VAL_QUAL	FL GCTL	EXCEED
KWFCGS-38-0704	PHENANTHRENE	0.28		210	
KWFCGS-49-0704	PHENANTHRENE	0.28	J	210	
KWFCGS-22-0704	PYRENE	0.15	J	210	
KWFCGS-37-0704	PYRENE	0.6		210	

Shading indicates an exceedance of the GCTL.
(a) Qualifier (Qual.):
J – The result is an estimated quantity.
(b) Groundwater Cleanup Target Level (GCTL) as defined in Chapter 62-777, FAC, Table I.

TABLE 4-5

**GROUNDWATER ANALYTICAL RESULTS
SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Location	Parameter	Result (µg/L)	Qual.	GCTL (µg/L)
Inorganics				
KWFCGS-MW23-0904-AVG	ALUMINUM	256.25		200
KWFCGS-MW27-0904	ALUMINUM	362		
KWFCGS-MW05-0904	ARSENIC	4.6		50
KWFCGS-MW06-0904	ARSENIC	6.5		
KWFCGS-MW23-0904-AVG	ARSENIC	3.3		
KWFCGS-MW24-0904	ARSENIC	8.7		
KWFCGS-MW05-0904	BARIUM	30.8		0
KWFCGS-MW06-0904	BARIUM	6.4		
KWFCGS-MW19-0904	BARIUM	6.7		
KWFCGS-MW22-0904	BARIUM	6.6		
KWFCGS-MW23-0904-AVG	BARIUM	6.85		
KWFCGS-MW24-0904	BARIUM	7.9		
KWFCGS-MW26-0904	BARIUM	5.6		
KWFCGS-MW27-0904	BARIUM	4.7		
KWFCGS-MW28-0904	BARIUM	9		
KWFCGS-MW05-0904	CHROMIUM	1.3		100
KWFCGS-MW06-0904	CHROMIUM	0.94		
KWFCGS-MW23-0904-AVG	CHROMIUM	1.35		
KWFCGS-MW27-0904	CHROMIUM	3.4		
KWFCGS-MW05-0904	IRON	173		300
KWFCGS-MW06-0904	IRON	152		
KWFCGS-MW22-0904	LEAD	29.3		15
KWFCGS-MW23-0904-AVG	LEAD	20.45		
KWFCGS-MW24-0904	LEAD	18.9		
KWFCGS-MW06-0904	MANGANESE	24.7		50
KWFCGS-MW19-0904	MANGANESE	2.4		
KWFCGS-MW22-0904	MANGANESE	2.2		
KWFCGS-MW23-0904-AVG	MANGANESE	1.1		
KWFCGS-MW24-0904	MANGANESE	2.7		
KWFCGS-MW26-0904	MANGANESE	1.6		
KWFCGS-MW05-0904	NICKEL	2.6		100
KWFCGS-MW23-0904-AVG	NICKEL	2.5		
KWFCGS-MW28-0904	NICKEL	3.9		
KWFCGS-MW28-0904	SELENIUM	5.4		50
KWFCGS-MW28-0904	VANADIUM	4.3		49

TABLE 4-5

**GROUNDWATER ANALYTICAL RESULTS
SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
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Location	Parameter	Result (µg/L)	Qual.	GCTL (µg/L)
SVOCs				
KWFCGS-MW22-0904	2-METHYLNAPHTHALENE	52		20
KWFCGS-MW23-0904-AVG	2-METHYLNAPHTHALENE	125		
KWFCGS-MW24-0904	2-METHYLNAPHTHALENE	83		
KWFCGS-MW28-0904	2-METHYLNAPHTHALENE	5	J	
KWFCGS-MW22-0904	NAPHTHALENE	140		20
KWFCGS-MW23-0904-AVG	NAPHTHALENE	780		
KWFCGS-MW24-0904	NAPHTHALENE	320		
KWFCGS-MW28-0904	NAPHTHALENE	18		20
VOCs				
KWFCGS-MW22-0904	BENZENE	0.1	J	1
KWFCGS-MW28-0904	BROMOMETHANE	0.6	J	9.8
KWFCGS-MW23-0904	CARBON DISULFIDE	0.3	J	700
KWFCGS-MW24-0904	CARBON DISULFIDE	0.2	J	
KWFCGS-MW26-0904	CARBON DISULFIDE	0.5	J	
KWFCGS-MW06-0904	ETHYLBENZENE	0.2	J	30
KWFCGS-MW22-0904	ETHYLBENZENE	32		30
KWFCGS-MW23-0904-AVG	ETHYLBENZENE	145		
KWFCGS-MW24-0904	ETHYLBENZENE	44		
KWFCGS-MW25-0904	ETHYLBENZENE	0.6	J	30
KWFCGS-MW22-0904	M+P-XYLENES	7	J	20
KWFCGS-MW23-0904-AVG	M+P-XYLENES	15.5		
KWFCGS-MW24-0904	M+P-XYLENES	8	J	
KWFCGS-MW25-0904	M+P-XYLENES	1	J	
KWFCGS-MW23-0904-AVG	O-XYLENE	2	J	20
KWFCGS-MW24-0904	O-XYLENE	2	J	
KWFCGS-MW25-0904	O-XYLENE	0.3	J	
KWFCGS-MW23-0904-AVG	TOLUENE	1	J	40
KWFCGS-MW22-0904	TOTAL XYLENES	7	J	20
KWFCGS-MW23-0904-AVG	TOTAL XYLENES	17.5		
KWFCGS-MW24-0904	TOTAL XYLENES	10	J	
KWFCGS-MW25-0904	TOTAL XYLENES	1	J	

TABLE 4-5

**GROUNDWATER ANALYTICAL RESULTS
SEPTEMBER 2004
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
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Location	Parameter	Result (μg/L)	Qual.	GCTL (μg/L)
Pesticides				
KWFCGS-MW22-0904	ALPHA-BHC	0.037	J	0.006
KWFCGS-MW23-0904-AVG	ALPHA-BHC	0.0305	J	
KWFCGS-MW23-0904-AVG	DELTA-BHC	0.015(1)	J	2.1

Shading indicates an exceedance of the GCTL.
(a) Qualifier (Qual.):
J – The result is an estimated quantity.
(b) Groundwater Cleanup Target Level (GCTL) as defined in Chapter 62-777, FAC, Table I.

TABLE 4-6

**GROUNDWATER ANALYTICAL RESULTS
JANUARY 2005
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Location	Parameter	Result (µg/L)	Qual.	GCTL (µg/L)
Inorganics				
KWFCGS-MW23-0105-AVG	ANTIMONY	1.935[(1)]		6
KWFCGS-MW27-0105	ANTIMONY	2.8		
KWFCGS-MW06-0105	ARSENIC	8.8		50
KWFCGS-MW23-0105-AVG	ARSENIC	14.7		
KWFCGS-MW24-0105	ARSENIC	10.1		
KWFCGS-MW25-0105	ARSENIC	10.5		
KWFCGS-MW05-0105	BARIUM	23.1		NA
KWFCGS-MW06-0105	BARIUM	5.5		
KWFCGS-MW19-0105	BARIUM	5.2		
KWFCGS-MW22-0105	BARIUM	5.5		
KWFCGS-MW23-0105-AVG	BARIUM	4.85		
KWFCGS-MW24-0105	BARIUM	7.2		
KWFCGS-MW25-0105	BARIUM	6.7		
KWFCGS-MW26-0105	BARIUM	8.8		
KWFCGS-MW27-0105	BARIUM	3.7		
KWFCGS-MW28-0105	BARIUM	7		
KWFCGS-MW25-0105	CHROMIUM	6.1		100
KWFCGS-MW05-0105	IRON	293		300
KWFCGS-MW06-0105	LEAD	1.7		15
KWFCGS-MW22-0105	LEAD	24.2		
KWFCGS-MW23-0105-AVG	LEAD	14.3		
KWFCGS-MW24-0105	LEAD	18.3		
KWFCGS-MW25-0105	LEAD	5.1		
KWFCGS-MW06-0105	MANGANESE	19		50
KWFCGS-MW22-0105	MANGANESE	2.1		
KWFCGS-MW24-0105	MANGANESE	2.3		
KWFCGS-MW26-0105	MANGANESE	5.1		
KWFCGS-MW25-0105	TIN	13.2		4,200
KWFCGS-MW25-0105	VANADIUM	7		49
SVOCs				
KWFCGS-MW22-0105	2-METHYLNAPHTHALENE	40	J	20
KWFCGS-MW23-0105-AVG	2-METHYLNAPHTHALENE	56.5		
KWFCGS-MW24-0105	2-METHYLNAPHTHALENE	54		
FWFCGS-MW23-0105-AVG	DIETHYL PHTHALATE	4	J	5,600
KWFCGS-MW22-0105	DIETHYL PHTHALATE	4	J	
KWFCGS-MW24-0105	DIETHYL PHTHALATE	4	J	

TABLE 4-6

GROUNDWATER ANALYTICAL RESULTS
JANUARY 2005
BOCA CHICA FLYING CLUB
SITE ASSESSMENT REPORT
NAVAL AIR STATION
KEY WEST, FLORIDA
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Location	Parameter	Result (µg/L)	Qual.	GCTL (µg/L)
KWFCGS-MW22-0105	NAPHTHALENE	130	J	20
KWFCGS-MW23-0105-AVG	NAPHTHALENE	225		
KWFCGS-MW24-0105	NAPHTHALENE	130		
VOCs				
KWFCGS-MW23-0105-AVG	ACETONE	21	J	700
KWFCGS-MW24-0105	BENZENE	0.7	J	1
KWFCGS-MW23-0105-AVG	CARBON DISULFIDE	1	J	700
KWFCGS-MW22-0105	ETHYLBENZENE	16		30
KWFCGS-MW23-0105-AVG	ETHYLBENZENE	48		
KWFCGS-MW24-0105	ETHYLBENZENE	21		
KWFCGS-MW25-0105	ETHYLBENZENE	2	J	
KWFCGS-MW22-0105	M+P-XYLENES	6	J	20
KWFCGS-MW23-0105-AVG	M+P-XYLENES	6	J	
KWFCGS-MW24-0105	M+P-XYLENES	5	J	
KWFCGS-MW25-0105	M+P-XYLENES	3	J	
KWFCGS-MW22-0105	O-XYLENE	0.5	J	20
KWFCGS-MW23-0105-AVG	O-XYLENE	0.8	J	
KWFCGS-MW24-0105	O-XYLENE	1	J	
KWFCGS-MW25-0105	O-XYLENE	0.4	J	
KWFCGS-MW06-0105	TETRACHLOROETHENE	0.6	J	3
KWFCGS-MW22-0105	TOLUENE	0.5	J	40
KWFCGS-MW23-0105-AVG	TOLUENE	0.4	J	
KWFCGS-MW24-0105	TOLUENE	1	J	
KWFCGS-MW22-0105	TOTAL XYLENES	6	J	20
KWFCGS-MW23-0105-AVG	TOTAL XYLENES	7	J	
KWFCGS-MW24-0105	TOTAL XYLENES	6	J	
KWFCGS-MW25-0105	TOTAL XYLENES	3	J	
Pesticides				
KWFCGS-MW06-0105	DELTA-BHC	0.076	J	2.1

Shading indicates an exceedance of the GCTL.
(a) Qualifier (Qual.):
J – The result is an estimated quantity.
(b) Groundwater Cleanup Target Level (GCTL) as defined in Chapter 62-777, FAC, Table I.

5.0 SITE INVESTIGATION SUMMARY

5.1 POTENTIAL SOURCES OF HYDROCARBONS

Four ASTs of varying capacity were present at the facility. Past practices such as overfilling and possible leaks from these tank systems were the suspected cause of contamination at the site. The ASTs, fuel dispensers, and associated piping were removed from the site in February 1992. Soil and groundwater investigations in the vicinity of the tanks did not indicate the area as a continuing source of contamination. The groundwater investigation revealed the existence of impacted groundwater in the vicinity of Building A133 and the associated former USTs; however, a source area with elevated contaminant levels was not discovered.

Various scenarios have been postulated for the source of contamination to both soil and groundwater at the Flying Club. The scenarios have been discussed by the Partnering Team; including a recent meeting in June 2005. These scenarios are presented in the following paragraphs to present the rationale for the recommendations in this report as well as to record observations for continuing efforts at the site.

The UST detected adjacent to Buildings A126 and A128 may be a source if the contaminants migrate along a utility trench (preferential pathway) that runs between Buildings A128 and A133. This scenario would account for the unexpectedly high readings detected around Building A133. Documentation for this UST has not yet been located; however, NAS Key West personnel report that it appears to have been a fuel tank for a boiler that may have been housed in Building A128. The size of this tank is not known, but its capacity is likely around 500 gallons. Unfortunately, this scenario does not explain the unexpectedly high concentrations of nonvolatile constituents detected on site and chemical migration over such a long distance (although possible) is not likely in the oolitic limestone.

NAS Key West personnel reported during the June 2005 Partnering Team meeting that used oils and lubricants were believed to have been stored around Building A133. The former motor pool operations performed in and around Building A126 during the mid 20th Century make this a scenario that explains the presence of the unexpectedly high concentration of nonvolatile constituents that have been detected around Building A133. Unfortunately, the data do not fully support this scenario as it assumes that all of the investigations and the remedial actions taken during the 1990s completely missed (and did not remediate) the majority of onsite contamination. The volatile constituents detected still need to be explained - perhaps by identifying another source other than oils and lubricants. In addition, this scenario assumes that the Flying Club site is unique with respect to the degradation rate of petroleum constituents. Specifically, petroleum constituents at other NAS Key West sites have been observed to decrease relatively rapidly over time in the oolitic subsurface conditions. The increases in chemical constituents over time suggest a continuing source still exists at the Flying Club site that can't be explained under this scenario.

The Partnering Team also discussed aircraft operations on the apron adjacent to the site as another potential source for contamination. Storm water runoff could carry heavier-phase petroleum constituents off the tarmac while engine exhaust could possibly carry chemical constituents further away from the tarmac and deposit around Building A133. Unfortunately, the data do not support this scenario as chemical concentrations would be much higher at the surface than the observed levels or higher near the tarmac (if surface water runoff was the source). Also, the chemical concentrations would be higher to the north and south of Building A133 as aircraft operations are performed all along the tarmac, not just to the east of Building A133.

The Partnering Team has also discussed past dust control practices around Buildings A126 and A133 where oil was believed to be spread on the ground. This scenario explains the detection of nonvolatile constituents; however, there is insufficient data to determine if this is the source of detected nonvolatile constituents. It is unlikely that heavy-phase petroleum constituents have migrated to account for the higher readings in some areas and low readings elsewhere. Finally, additional data are needed to determine whether contamination exists around Building A126.

Finally, the Partnering Team briefly discussed current operations at Buildings A126 and A133 during its June 2005 meeting. NAS Key West personnel noted that current operations have received awards for environmental excellence so these current operations are not considered a potential source for detected constituents and the data support such a conclusion.

5.2 SITE CONDITIONS

The site is underlain by Oolitic limestone to approximately 25 feet bls. Confining layers were not observed at the site. Groundwater elevations in the surficial aquifer ranged from 1.95 to 2.03 feet during the September 2004 event and 1.24 to 1.84 feet during January 2005. Groundwater elevations were calculated from the SWL and TOC elevation survey data. These data points were used to calculate the groundwater flow direction and hydraulic gradient at the time of each gauging event. Groundwater flow at the site during both events was toward the northeast. The average hydraulic gradient calculated for the site was 0.001 feet per foot. The average hydraulic conductivity for the site was determined to be feet per day from data obtained by slug tests conducted during the site assessment (ABB, 1994). The groundwater flow velocity was calculated from the average hydraulic gradient and hydraulic conductivity values, and is estimated at 0.0031 feet per day. A tidal study at the site revealed the presence of a fluctuation in water levels of 0.046 and 0.01 feet during a 24-hour period. No known active potable water supply or irrigation wells occur on Boca Chica.

5.3 SOIL ASSESSMENT

Headspace vapor analysis of vadose zone soil samples and samples collected from the monitoring well borings indicated that “excessively contaminated soil” for KAG constituents, as defined in Chapter 62-770.200(12), FAC was detected in two locations. Soil analytical data indicated the presence of benzo(a)anthracene above the residential SCTLs in three of the samples collected. Concentrations of all other CoCs were below standard laboratory detection limits.

5.4 GROUNDWATER ASSESSMENT

Screening samples collected during the DPT assessment revealed several CoCs above GCTLs in borings located east and east-southeast of Building A133. Total naphthalenes (naphthalene, 1 and 2-methylnaphthalene), VOCs, and lead were detected above GCTLs. The assessment did reveal the presence of slightly elevated levels of naphthalene in the former location of the ASTs; however, the results were not confirmed by the monitoring well sample collected from the same location.

Monitoring well analytical samples indicated that 2-methylnaphthalene and lead exceeded GCTLs in both monitoring events while naphthalene and ethylbenzene exceeded their GCTLs during the September 2004 event only. The presence of pesticides (Alpha-BHC and Delta-BHC) were detected during both events; however, an exceedance of Alpha-BHC was only present during the September 2004 event. Free product was not detected in any of the monitoring wells during either event.

The results of groundwater analytical data from the two sampling events were fairly consistent, with monitoring wells FCMW-22, FCMW-23 and FCMW-24 exhibiting contaminant levels above GCTLs in both events. Monitoring wells FCMW-23 and FCMW-24 are located adjacent to Building A133; however monitoring well FCMW-22 is located further east. Monitoring wells FCMW-6 and FCMW-28 also located adjacent to Building A133 had detections below GCTLs in both events. In addition, the assumed downgradient well (FCMW-19) did not have detectable levels of any contaminants. The sample from monitoring well FCMW-26 located in the area of former ASTs was also below detection levels. Groundwater results indicate that the area of the former ASTs is not a continuing source of contamination.

6.0 SUMMARY, CONCLUSIONS, AND RECOMMENDATION

The following is a summary of the results of the site assessment performed by TtNUS at the Boca Chica Flying Club:

- The site is underlain by a surficial aquifer comprised of oolitic limestone. No confining layers were encountered within the upper 12 feet of the surficial aquifer.
- The surficial aquifer is non-potable and tidally influenced in the site vicinity.
- The direction of groundwater flow was toward the northeast during both groundwater sampling events. The surficial aquifer flow velocity was calculated to be 0.0031 feet/day.
- Headspace vapor analysis was conducted on soils from the 0-2 and 2-4 foot vadose zone and from the 4-6 foot saturated zone. Vadose zone samples did not indicate the presence of "excessively contaminated soil."
- Petroleum contaminants were detected in soil samples collected. Benzo(a)anthracene was detected above residential SCTLs.
- Groundwater screening samples collected during the DPT investigations had exceedances of naphthalene, 1-and-2 methylnaphthalene, lead, benzene, total xylenes and ethylbenzene.
- Concentrations of naphthalene, 2-methylnaphthalene, ethylbenzene, lead, aluminum and the pesticide Alpha-BHC exceeded GCTLs in site monitoring wells
- Free product was not observed at the site.
- Soil and groundwater data in the vicinity of the former ASTs provide evidence that the area is not a continuing source of contamination.

The elevated levels of groundwater contamination at the site after tank removals and remediation prompted the performance of this site assessment. This assessment revealed impacted soil and groundwater at the site; however, it did not identify a contaminant source. Recent discussions among the NAS Key West Partnering Team members revealed several possibilities for sources of contamination at the site. Past practices in the area have probably impacted the subsurface soil and groundwater to a greater degree than previously thought. In addition, the UST adjacent to Buildings A126 and A128 may be causing the observed increases in chemical concentrations. An underground utility trench could possibly provide a preferred pathway for contaminant migration. Additional soil and groundwater data will provide further insight to the continuing source of contamination at the site.

Based on the hydrogeological and chemical data presented in this SAR and the information provided during recent Partnering Team meetings, TtNUS recommends that an additional DPT investigation be conducted in the vicinity of Building A126 to identify whether the suspected contaminant sources are in fact impacting the site and to provide additional delineation of the groundwater plume.

REFERENCES

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APPENDIX A

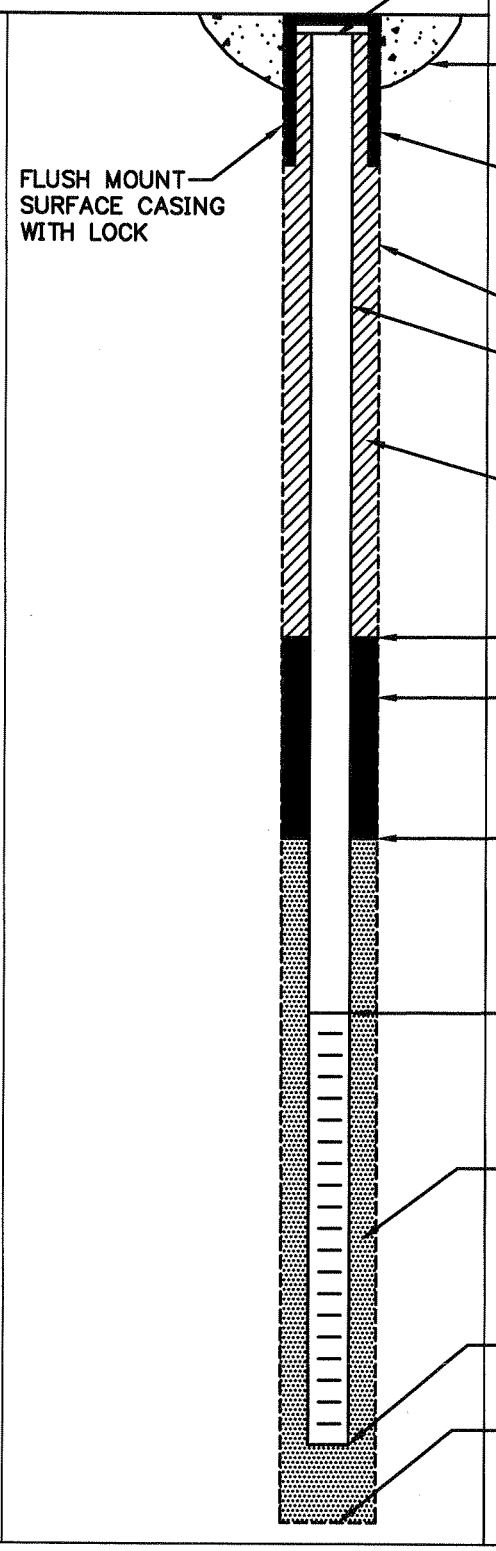
FIELD LOG SHEETS

WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club.	DRILLER Precision
PROJECT NO.	BORING FCMW-23	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	DEVELOPMENT METHOD submersible.
FIELD GEOLOGIST Gary Burgess.		
GROUND ELEVATION 0	DATUM N/A.	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cement

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: /0.5

TYPE OF SEAL: 30/65 fine Sand sand.

ELEVATION/DEPTH TOP OF SAND: /1 ft.

ELEVATION/DEPTH TOP OF SCREEN: /2 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: /12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: /12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: /12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30.

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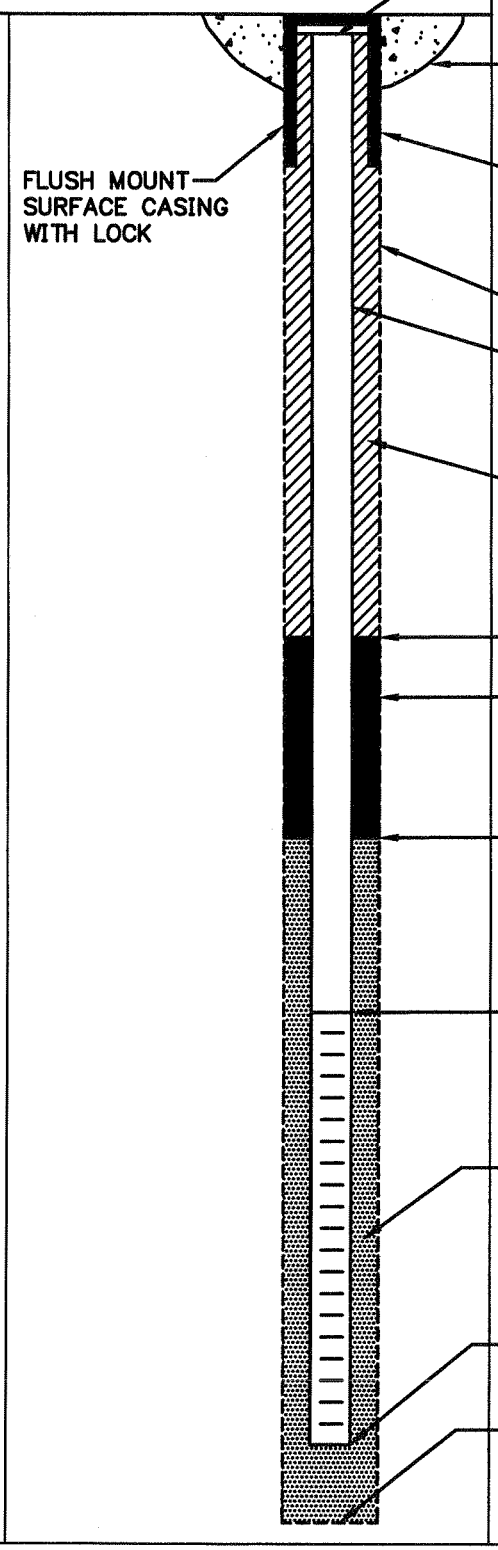
WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club.	DRILLER Precision
PROJECT NO.	BORING PC MW-24	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	
FIELD GEOLOGIST Gary Bugg		DEVELOPMENT METHOD submersible.
GROUND ELEVATION	DATUM N/A	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cement

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: 10.5

TYPE OF SEAL: 30/65 fine Sand sed.

ELEVATION/DEPTH TOP OF SAND: 11 ft.

ELEVATION/DEPTH TOP OF SCREEN: 12 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: 12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: 12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: 12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30.

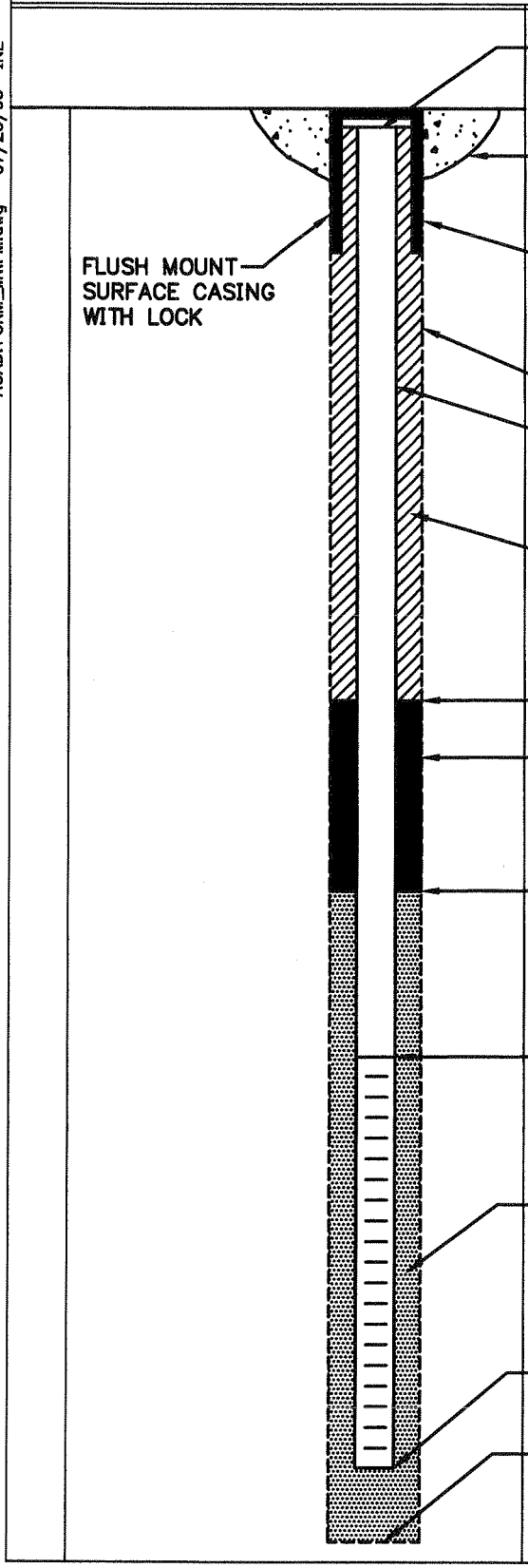
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club.	DRILLER Precision
PROJECT NO.	BORING FCMW-28S	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	
FIELD GEOLOGIST Gary Burgess		DEVELOPMENT METHOD submersible
GROUND ELEVATION	DATUM N/A	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cement

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: 10.5

TYPE OF SEAL: 30/65 fine Sand sand.

ELEVATION/DEPTH TOP OF SAND: 11 ft.

ELEVATION/DEPTH TOP OF SCREEN: 12 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: 12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: 12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: 12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30.

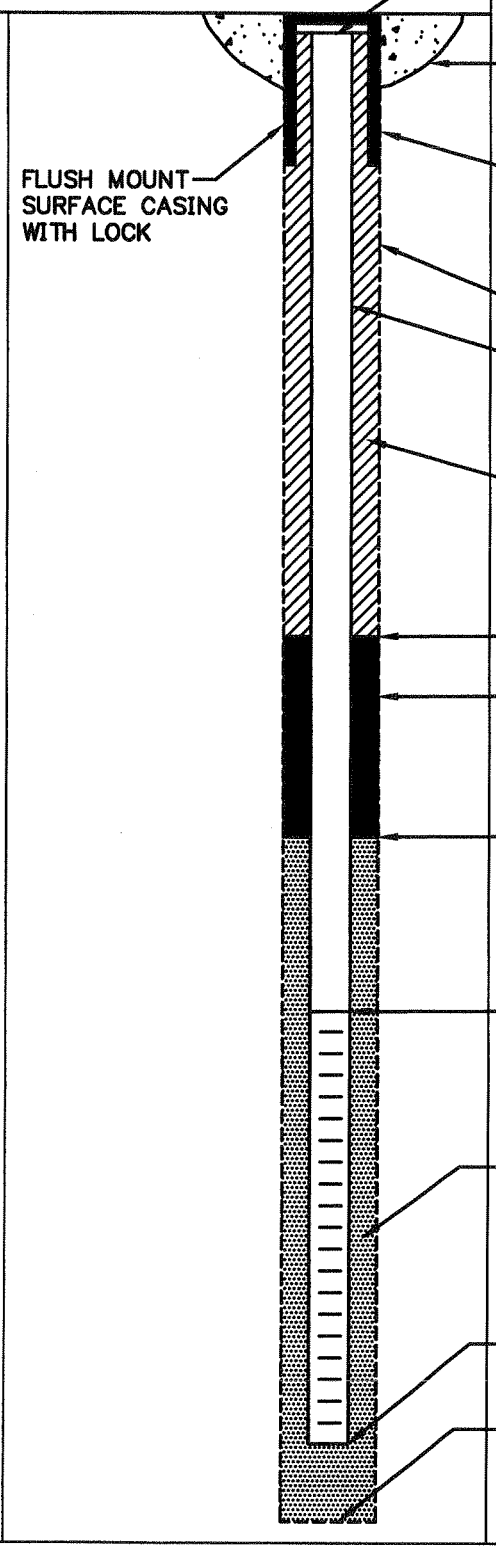
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club.	DRILLER Precision
PROJECT NO.	BORING FCMW-26	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	
FIELD GEOLOGIST Gary Burgess		DEVELOPMENT METHOD submersible.
GROUND ELEVATION 0	DATUM N/A.	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cement

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: /0.5

TYPE OF SEAL: 30/65 fine Sand sand.

ELEVATION/DEPTH TOP OF SAND: /1 ft.

ELEVATION/DEPTH TOP OF SCREEN: /2 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: /12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: /12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: — /12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30.

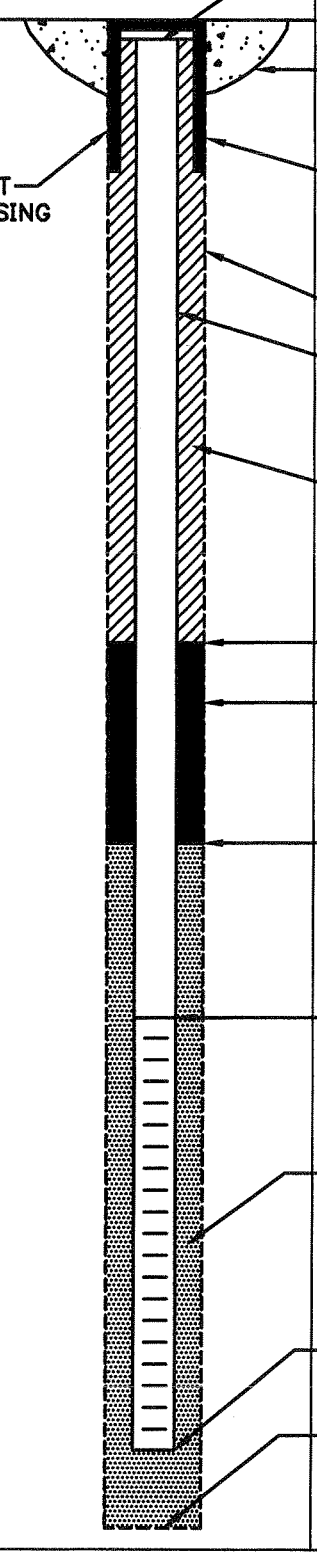
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club.	DRILLER Precision
PROJECT NO.	BORING FCMW-27	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	
FIELD GEOLOGIST Gary Bugge		DEVELOPMENT METHOD submersible.
GROUND ELEVATION 0	DATUM N/A.	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cant

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: /0.5

TYPE OF SEAL: 30/65 fine Sand sand.

ELEVATION/DEPTH TOP OF SAND: /1 ft.

ELEVATION/DEPTH TOP OF SCREEN: /2 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: /12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: /12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: — /12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30.

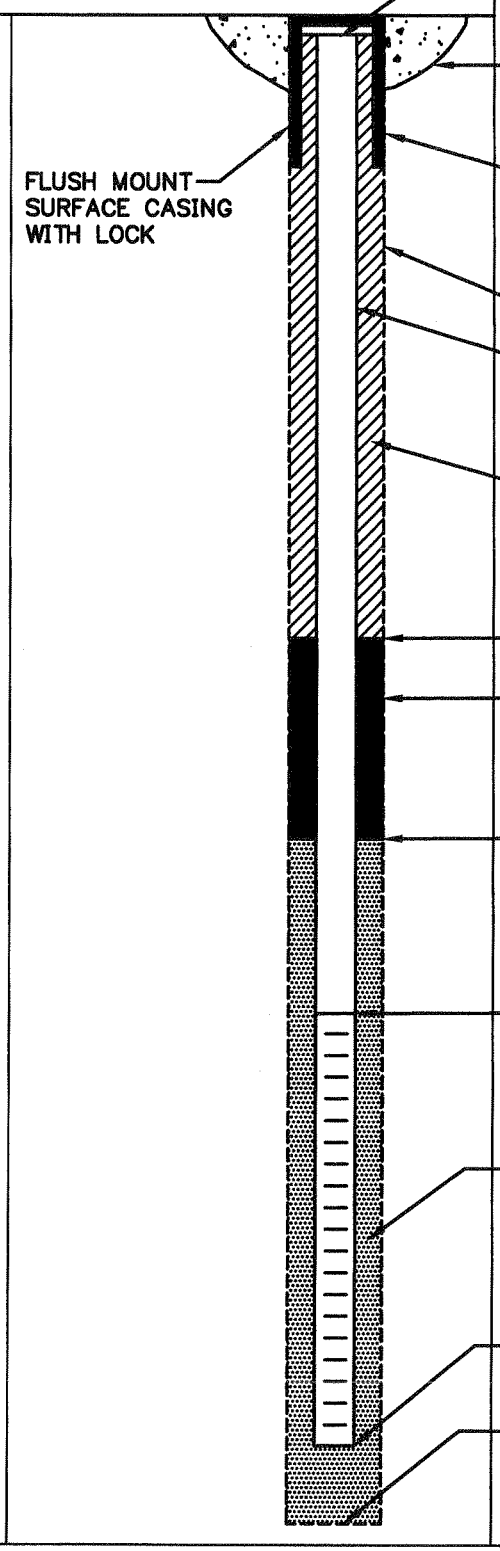
ACAD:FORM_MWFM.dwg 07/20/99 INL

WELL NO.: _____

Tetra Tech NUS, Inc.

OVERBURDEN MONITORING WELL SHEET FLUSH - MOUNT

PROJECT NAS Key West	LOCATION Flying Club	DRILLER Precision
PROJECT NO.	BORING FCMW-28	DRILLING METHOD HSA
DATE BEGUN 9/22/04	DATE COMPLETED 9/22/04	
FIELD GEOLOGIST Gary Burgess		DEVELOPMENT METHOD submersible
GROUND ELEVATION 0	DATUM N/A	



ELEVATION TOP OF RISER: 0 ft.

TYPE OF SURFACE SEAL: Portland cement

TYPE OF PROTECTIVE CASING: steel manhole

I.D. OF PROTECTIVE CASING: 8"

DIAMETER OF HOLE: 8.5"

TYPE OF RISER PIPE: PVC

RISER PIPE I.D.: 2"

TYPE OF BACKFILL/SEAL: Bentonite/Grout mix

ELEVATION/DEPTH TOP OF SEAL: 10.5

TYPE OF SEAL: 30/65 fine Sand sand

ELEVATION/DEPTH TOP OF SAND: 11 ft.

ELEVATION/DEPTH TOP OF SCREEN: 12 ft.

TYPE OF SCREEN: PVC

SLOT SIZE x LENGTH: 0.010 x 10 ft.

TYPE OF SAND PACK: 20/30 silica Sand

DIAMETER OF HOLE IN BEDROCK: 8.5 inches

ELEVATION / DEPTH BOTTOM OF SCREEN: 12.00 ft

ELEVATION / DEPTH BOTTOM OF SAND: 12.5 ft

ELEVATION/DEPTH BOTTOM OF HOLE: 12.50 ft

BACKFILL MATERIAL BELOW SAND: 20/30

ACAD:FORM_MWFM.dwg 07/20/99 INL

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCMW~~03~~ 24-0904
Sample Location: MW ~~03~~ 24
Sampled By: RB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/29/04								
Time: 9:00								
Method: Peristaltic/reverse flow	cloud	6.80	0.080	30.6	>999	2.96	0.0	-259

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/29/04								
Method: low flow	6000 ml	6.76	0.080	30.4	>999	3.11	0.0	-286
Monitor Reading (ppm): N/A	1000 ml	6.79	0.080	30.5	>999	3.04	0.0	-278
Well Casing Diameter & Material	1000 ml	6.80	0.080	30.6	>999	3.02	0.0	-273
Type: 2" PVC	1000 ml	6.80	0.080	30.6	>999	3.00	0.0	-264
Total Well Depth (TD): 12	1000 ml	6.80	0.080	30.6	>999	2.96	0.0	-259
Static Water Level (WL): 3.56								
One Casing Volume(gal/L):								
Start Purge (hrs): 8:00								
End Purge (hrs): 8:50								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOCs	—	2 - 1 liter	✓
Pest / PCB	—	2 - 1 liter	✓
TAL metals + Sn	HNO_3	1 - 500 ml	✓
VOC			

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST -
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW05-0904
Sample Location: KW-A-127-MW-524
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/24/04								
Time: 9:45								
Method:	clear	7.05	0.085	29.1	541	7.43	0.0	-270

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other ORP
Date: 9/24/04								
Method: low flow	5000 ml	7.03	0.088	28.7	544.0	8.67	0.0	-229
Monitor Reading (ppm):	1000 ml	7.05	0.086	29.0	541	8.07	0.0	-250
Well Casing Diameter & Material Type: 2" PVC	1000 ml	7.05	0.085	29.1	541	7.76	0.0	-259
	1000 ml	7.05	0.085	29.1	541	7.55	0.0	-263
Total Well Depth (TD): 12.00	1000 ml	7.05	0.086	29.1	541	7.43	0.0	-270
Static Water Level (WL): 3.61								
One Casing Volume(gal/L): 5.1L								
Start Purge (hrs): 9:00								
End Purge (hrs): 9:40								
Total Purge Time (min): 40								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	-		✓
Pest/PCB	-		✓
TAL Metals + Tin	HNO_3		✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bingham

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCES-MW-18-0904
Sample Location: MW-18 26
Sampled By: BB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/24/04								
Time: 11:10								
Method: low flow	clear/white	7.61	0.039	30.2	7999	2.80	0.0	-246

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/24/04								
Method: Peristaltic	6000	7.60	0.039	30.2	7999	3.02	0.0	-228
Monitor Reading (ppm): N/A	1000 ml	7.61	0.039	30.2	7999	2.88	0.0	-233
Well Casing Diameter & Material Type: 2" PVC	1000 ml	7.61	0.039	30.2	7998	2.88	0.0	-236
	1000 ml	7.61	0.039	30.2	7999	2.84	0.0	-239
Total Well Depth (TD): 12	1000 ml	7.61	0.039	30.2	7999	2.80	0.0	-246
Static Water Level (WL): 2.95								
One Casing Volume(gal/L): 5.5								
Start Purge (hrs): 10:05								
End Purge (hrs): 11:05								
Total Purge Time (min): 60								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	–	2x 1 liter	✓
Pest + PCB	–	2x 1 liter	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Briggs

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW25-0904
Sample Location: MW25
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/24								
Time: 12:40								
Method: low flow	clear	7.58	0.039	29.8	>999	3.09	0.0	-248

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/24								
Method: Peristaltic	7000 ml	7.61	0.039	30.0	>999	4.22	0.0	-227
Monitor Reading (ppm):	1000 ml	7.59	0.039	30.1	>999	3.71	0.0	-229
Well Casing Diameter & Material	1000 ml	7.57	0.039	29.9	>999	3.35	0.0	-238
Type: 2" PVC	1000 ml	7.58	0.039	29.8	>999	3.18	0.0	-241
Total Well Depth (TD): 12.0	1000 ml	7.58	0.039	29.8	>999	3.09	0.0	-246
Static Water Level (WL): 2.52								
One Casing Volume(gal/L): 5.8								
Start Purge (hrs): 11:25								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	–	2-1 liter	✓
PEST/PCB	–	2-1 liter	✓
MAT METALS + SN	HNO_3	1-500 ml	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:	Signature(s):
		Gary Bregan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW22-0904
Sample Location: MW-22
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/24/04								
Time: 14:10								
Method: low flow	clear	clearly	7.13	29.3	615.0	2.56	0.0	-328

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other ORP
Date: 9/24/04								
Method: Peristaltic pump	5000ml	7.17	0.059	29.4	658.0	2.83	0.0	-312
Monitor Reading (ppm):	1000ml	7.14	0.060	29.3	643.0	2.58	0.0	-312
Well Casing Diameter & Material	1000 ml	7.13	0.061	29.3	627.0	2.38	0.0	-321
Type: 2" PVC	1000ml	7.13	0.061	29.3	626.0	2.43	0.0	-322
Total Well Depth (TD): 15.00	1000ml	7.13	0.061	29.3	615.0	2.56	0.0	-328
Static Water Level (WL): 2.85								
One Casing Volume(gal/L):								
Start Purge (hrs): 13:20								
End Purge (hrs): 14:05								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 9L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	

OBSERVATIONS / NOTES:

fully submerged screen.
purge rate = 200ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bregge

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW11-0904
Sample Location: MW-11
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/25/04								
Time: 8:35								
Method: Peristaltic/low flow	clear	7.72	0.038	29.6	>999	3.62	0.0	-167

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/25/04								
Method: Peristaltic	600 ml	7.73	0.039	29.2	>999	3.55	0.0	-132
Monitor Reading (ppm): N/A	1000 ml	7.73	0.038	29.4	>999	3.51	0.0	-146
Well Casing Diameter & Material	1000 ml	7.72	0.038	29.5	>999	3.53	0.0	-153
Type: 2" PVC	1000 ml	7.72	0.038	29.6	>999	3.58	0.0	-160
Total Well Depth (TD): 12	1000 ml	7.72	0.038	29.6	>999	3.62	0.0	-167
Static Water Level (WL): 3.25								
One Casing Volume(gal/L):								
Start Purge (hrs): 7:45								
End Purge (hrs): 8:30								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC			✓
Pest/PCB			✓
Metals + Tin			✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW06-092004
Sample Location: MW06
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other ORP
Date: 9/25/04								
Time: 9:55								
Method:	cloudy	7.29	0.099	28.4	852.0	2.27	0.0	-298

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/25/04								
Method: Peristaltic	1000 ml	7.28	0.101	28.4	905.1	2.61	0.0	-278
Monitor Reading (ppm):	1000 ml	7.28	0.101	28.4	966.0	2.48	0.0	-282
Well Casing Diameter & Material	1000 ml.	7.28	0.099	28.4	888.0	2.40	0.0	-286
Type: 2" PVC	1000 ml.	7.29	0.099	28.4	863.0	2.34	0.0	-291
Total Well Depth (TD): 12	1000 ml	7.28	0.098	28.4	852.0	2.27	0.0	-298
Static Water Level (WL): 2.55								
One Casing Volume(gal/L):								
Start Purge (hrs): 9:00								
End Purge (hrs): 9:50								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 10 L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	–	2 x 1 liter	✓
Pest/PCB	–	2 x 1 liter	✓
Metals + Tin	HNO_3	1 x 500 ml	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Burgess Jr.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - Flying Cloud
Project No.: 2943

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW19-0904
Sample Location: MW-19
Sampled By: RPO
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/25/04								
Time: 11:10								
Method: Peristaltic / low flow	clear	7.38	0.044	29.9	782	2.34	0.0	-254

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/25/04								
Method: Peristaltic	6000 ml	7.41	0.044	29.9	793.0	2.61	0.0	-216
Monitor Reading (ppm): N/A	1000 ml	7.38	0.044	29.9	787.0	2.54	0.0	-235
Well Casing Diameter & Material	1000 ml	7.38	0.044	29.9	785.0	2.38	0.0	-244
Type: 2" PVC	1000 ml	7.38	0.044	29.9	784.0	2.38	0.0	-249
Total Well Depth (TD): 12	1000 ml	7.38	0.044	29.9	782.0	2.34	0.0	-254
Static Water Level (WL): 3.27								
One Casing Volume(gal/L):								
Start Purge (hrs): 10:20								
End Purge (hrs): 11:05								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 10								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	–	2x1 liter	✓
Pest/PCB	–	2x1 liter	✓
metals + Tin	HNO_3	1x500 ml	✓

OBSERVATIONS / NOTES:

purge rate = 200 ml/min

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragg Jr.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW12-0904
Sample Location: MW12
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/25/04								
Time: 14:00								
Method: low flow	clear	7.05	0.096	32.2	817.0	7.15	0.0	-19.

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 9/25/04								
Method: Peristaltic pump	1000 ml	7.05	0.096	32.1	923.0	7.64	0.0	-20
Monitor Reading (ppm): N/A	1000 ml	7.05	0.096	32.1	913.0	7.50	0.0	-18
Well Casing Diameter & Material	1000 ml	7.05	0.096	32.2	838.0	7.32	0.0	-21
Type: 2" PVC	1000 ml	7.05	0.096	32.2	821.0	7.19	0.0	-20
Total Well Depth (TD): 12.00	1000 ml	7.05	0.096	32.2	817.0	7.15	0.0	-19
Static Water Level (WL): 3.40								
One Casing Volume(gal/L):								
Start Purge (hrs): 13:10								
End Purge (hrs): 13:55								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 10 L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOC	-		✓
Pest/PCB	-		✓
Metals + Tin	HNO_3		✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragger

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS KEY WEST - FLYING CLUB
Project No.:

[ ] Domestic Well Data
[X] Monitoring Well Data
[ ] Other Well Type:
[ ] QA Sample Type:

Sample ID No.: KWFCGS-MW07-0904
Sample Location: MW07
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[ ] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (^{0}C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Date: 9/26/04								
Time: 11:05								
Method: Peristaltic	clear	7.22	0.070	28.7	7999	2.31	0.0	-326

PURGE DATA: No purge data was collected for groundwater screening samples.

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	~~Other~~ ORP
Date: 9/26/04								
Method: Peristaltic/low flow	6000 ml	7.32	0.067	28.4	7999	2.35	0.0	-310
Monitor Reading (ppm):	1000 ml	7.27	0.068	28.7	7999	2.26	0.0	-325
Well Casing Diameter & Material	1000 ml	7.23	0.070	28.6	7999	2.30	0.0	-331
Type: 2" PVC	1000 ml	7.22	0.069	28.6	7999	2.33	0.0	-334
Total Well Depth (TD): 12	1000 ml	7.23	0.070	28.7	7999	2.30	0.0	-329
Static Water Level (WL): 3.12	1000 ml	7.22	0.070	28.7	7999	2.31	0.0	-326
One Casing Volume(gal/L):								
Start Purge (hrs): 10:00								
End Purge (hrs): 11:00								
Total Purge Time (min): 60								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
PPL VOHs, BTEX, MTBE	HCl	3x40mL	✓
SVOCs	–	2x 1 liter	✓
Pest/PCB	–	2x 1 liter	✓
Metals	HNO_3	1x 500 ml.	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:
	KWFCGS-FD01-0904

Signature(s): Gary Bregonza.

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS Key West
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW23-0105
Sample Location: FCMW-23
Sampled By: GPB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other Time
Date: 1/28/05								
Time: 9:20								
Method:	clear	8.25	0.454	26.14	660	5.78	-321	9:20

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other
Date: 1/28/05								
Method: low flow	8L	8.19	0.441	25.19	>990	8.13	-310	8:50
Monitor Reading (ppm):	1000ml	8.23	0.437	25.80	>990	7.45	-315	8:55
Well Casing Diameter & Material	1000ml	8.25	0.444	25.15	900	7.75	-317	9:00
Type: 2" PVC	1000ml	8.26	0.452	26.12	810	6.42	-319	9:05
Total Well Depth (TD): 12	1000ml	8.26	0.454	26.14	710	5.90	-321	9:10
Static Water Level (WL): 3.90	1000ml	8.25	0.454	26.14	660	5.78	-321	9:15
One Casing Volume(gal/L): 4.9L								
Start Purge (hrs): 8:10								
End Purge (hrs): 9:15								
Total Purge Time (min):								
Total Vol. Purged (gal/L): 13L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
Pest/PCB	—	2-1 liter	✓
SVOC	—	2-1 liter	✓
VOC	HCl	3-40ml vial	✓
TAL Metals	HNO3	1-500ml	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.: KWFCGS-FD01-0105

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS Key West
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW-06-0105
Sample Location: FCMW-06
Sampled By: GB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other Time
Date: 1/28/05								
Time: 10:50								
Method:	clear	7.45	0.903	25.73	0	0.66	-329	10:45

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other Time
Date: 1/28/05								
Method: low flow	5 L	7.43	0.846	25.85	0	1.12	-283	10:25
Monitor Reading (ppm): 0	1000 ml	7.43	0.874	25.80	0	1.05	-300	10:30
Well Casing Diameter & Material	1000 ml	7.44	0.900	25.75	0	0.82	-316	10:35
Type: 2" PVC	1000 ml	7.44	0.902	25.73	0	0.70	-322	10:40
Total Well Depth (TD): 12	1000 ml	7.45	0.903	25.73	0	0.66	-329	10:45
Static Water Level (WL): 3.02								
One Casing Volume(gal/L):								
Start Purge (hrs): 10:00								
End Purge (hrs): 10:50								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 9 L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Flying Club
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW22-0105
Sample Location: FCMW-22
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other Time
Date: 1/28/05								
Time: 12:00								
Method: Reverse flow / vacuum sub	clear	7.22	0.648	26.22	0	0.49	-338	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other Time
Date: 1/28/05								
Method: low flow / peristaltic	5 L	7.26	0.659	26.66	0	0.70	-315	11:35
Monitor Reading (ppm):	1000 ml	7.25	0.648	26.17	0	0.55	-325	11:40
Well Casing Diameter & Material	1000 ml	7.24	0.646	26.20	0	0.51	-334	11:45
Type: 2" PVC	1000 ml	7.23	0.647	26.21	0	0.49	-338	11:50
Total Well Depth (TD): 12	1000 ml	7.22	0.648	26.22	0	0.49	-338	11:55
Static Water Level (WL): 3.82								
One Casing Volume(gal/L): 5 L								
Start Purge (hrs): 11:10								
End Purge (hrs): 12:00								
Total Purge Time (min): 50								
Total Vol. Purged (gal/L): 9 L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOC	–	2 - 1 liter AG	✓
Pest/PCB	–	2 - 1 liter AG	✓
VOC	HCl	3 - 40 ml CG	✓
TAL Metals	HNO_3	1 - 500 ml HDPE	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragaman

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: Flying Club - KW.
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW28-0105
Sample Location: FCMW-28
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other ORP
Date: 1/26/05								
Time: 15:20								
Method: Peristaltic / low flow	clear	7.06	0.844	26.68	300	2.97	0.0	-159

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other Time
Date: 1/26/05								
Method: Peristaltic / low flow	6L	7.12	0.845	26.72	340	3.46	-144	14:50
Monitor Reading (ppm): 0	1000ml	7.11	0.842	27.01	400	3.63	-148	14:55
Well Casing Diameter & Material	1000ml	7.06	0.844	26.86	340	3.01	-152	15:00
Type: 2" PVC	1000ml	7.07	0.846	26.70	320	3.06	-154	15:05
Total Well Depth (TD): 12.00	1000ml	7.06	0.844	26.68	300	2.97	-155	15:10
Static Water Level (WL): 4.00	1000ml	7.06	0.844	26.68	300	2.97	-159	15:15
One Casing Volume(gal/L): 4.9L								
Start Purge (hrs): 14:20								
End Purge (hrs): 15:15								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): 11L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOA	—	2 - 1 liter ambers	✓
VOA	HCl	3 - 40 ml vials	✓
Pest/PCB	—	2 - 1 liter amber	✓
TAL Metals	HNO_3	1 - 500 ml HDP	✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Bragan

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: Flying Club
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW-27-0005
Sample Location: FCMW-27
Sampled By: GPB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity ~~(%)~~ ORP	Other Time
Date: 1/26/05								
Time: 16:50								
Method:	clear	7.59	0.422	24.64	180	2.85	-211	16:45

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other Time
Date: 1/26/05								
Method: low flow	6L	7.59	0.430	24.64	240	3.20	-198	16:25
Monitor Reading (ppm):	1000 ml	7.59	0.423	24.64	230	2.99	-202	16:30
Well Casing Diameter & Material	1000 ml	7.59	0.423	24.62	220	2.94	-207	16:35
Type: 2" PVC	1000 ml.	7.59	0.422	24.64	180	2.84	-210	16:40
Total Well Depth (TD): 12	1000 ml	7.59	0.422	24.64	180	2.85	-211	16:45
Static Water Level (WL): 3.82								
One Casing Volume(gal/L):								
Start Purge (hrs): 15:55								
End Purge (hrs): 16:50								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): [illegible]

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Project Site Name: NAS Key West.
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: FCMW-25
Sample Location: KWFCGS-MW-25-0105
Sampled By: GB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other Time
Date: 1/27/05								
Time: 8:35								
Method:	white/cloudy	7.51	0.530	25.14	630	6.00	-250	8:30

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity	Other
Date: 1/27/05								
Method: Low flow	6L	7.50	0.583	25.07	390	7.54	-253	8:10
Monitor Reading (ppm): 0	1000ml	7.50	0530	25.15	510	7.12	-253	8:15
Well Casing Diameter & Material	1000ml	7.51	0.530	25.16	575	6.82	-252	8:20
Type: 2" PVC	1000ml	7.52	0.530	25.16	610	6.34	-250	8:25
Total Well Depth (TD):	1000ml	7.51	0.530	25.14	630	6.00	-250	8:30
Static Water Level (WL): 3.08								
One Casing Volume(gal/L): 5.5								
Start Purge (hrs): 7:40								
End Purge (hrs): 8:35								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s):

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page 1 of 1

Project Site Name: Flying Club.
Project No.:

[] Domestic Well Data
[X] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: FCMW-26
Sample Location: KWFCGS-MW-26-0105
Sampled By: GB
C.O.C. No.:
Type of Sample:
[X] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other Time
Date: 1/27/05								
Time: 10:45								
Method:	cloudy/red	7.54	0.470	25.54	>999	4.20	-216	10:40

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other Time
Date: 1/27/05								
Method: low flow	6L	7.54	0.473	26.05	>999	2.33	-225	10:20
Monitor Reading (ppm): 0	1000 ml	7.54	0.472	25.83	>999	2.75	-220	10:25
Well Casing Diameter & Material	1000 ml	7.53	0.470	25.56	>999	3.33	-218	10:30
Type: 2" PVC	1000 ml	7.53	0.472	25.54	>999	3.65	-217	10:35
Total Well Depth (TD): 12.0	1000 ml	7.54	0.470	25.54	>999	4.20	-216	10:40
Static Water Level (WL): 3.57								
One Casing Volume(gal/L): 5.2L								
Start Purge (hrs): 9:50								
End Purge (hrs): 10:45								
Total Purge Time (min): 55								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOC	—	2 - 1 liter amber	
Pest/PCB	—	2 - 1 liter amber	
VOC	HCl	3 - 40 ml glass vial	
TAL Metals	HNO_3	1 - 500 ml HDP	

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD

Duplicate ID No.:

Signature(s): Gary Burger

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: Flying Club
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW-5-0105
Sample Location: FCMW-5
Sampled By: KD
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

Date: 1/27/05	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%)	Other
Time: 12:05								
Method:	clear						0.1	

PURGE DATA:

Date: 1/27/05	Volume	pH	S.C.	Temp.	Turbidity	DO	~~Salinity~~ ORP	Other
Method:	5L	7.01	0.890	26.74	58	0.87	-233	11:35
Monitor Reading (ppm):	1000 ml	7.00	0.891	26.77	0	0.82	-239	11:40
Well Casing Diameter & Material	1000 ml	7.00	0.893	26.82	0	0.63	-242	11:45
Type: 2" PVC	1000 ml	7.00	0.891	26.78	0	0.74	-244	11:50
Total Well Depth (TD):	1000 ml	7.00	0.890	26.76	0	0.66	-248	11:55
Static Water Level (WL): 4.12	1000 ml							12:00
One Casing Volume(gal/L): 4.8L								
Start Purge (hrs): 11:10								
End Purge (hrs):								
Total Purge Time (min):								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOCs	—		✓
Pest/PCB	—		✓
TAL metals	HNO_3		✓
VOA	HCl		✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Bragaw

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS Key West
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFCGS-MW-19-0105
Sample Location: FCMW-19
Sampled By: GB
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other
Date: 1/26/05								
Time: 11:05								
Method: low flow	clear	7.40	25.98	0.427	440	0.67	-245	

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other Time
Date: 1/26/05								
Method: low flow	5000	7.39	25.94	0.428	520	-236	-265	10:40
Monitor Reading (ppm): 0	1000	7.40	25.95	0.427	530	-238	-266	10:45
Well Casing Diameter & Material	1000	7.40	25.98	0.425	520	-242	-250	10:50
Type: 2" PVC	1000	7.39	25.96	0.426	480	-243	-252	10:55
Total Well Depth (TD): 12	1000	7.40	25.98	0.427	440	-245	-246	11:00
Static Water Level (WL): 3.85								
One Casing Volume(gal/L):								
Start Purge (hrs): 10:15								
End Purge (hrs): 11:00								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L):								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOCs			✓
Pest/PCB			✓
TAL metals			✓
VOCs			✓

OBSERVATIONS / NOTES:

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary Burgess

Tetra Tech NUS, Inc.

GROUNDWATER SAMPLE LOG SHEET

Page___ of ___

Project Site Name: NAS Key West
Project No.:

[] Domestic Well Data
[] Monitoring Well Data
[] Other Well Type:
[] QA Sample Type:

Sample ID No.: KWFC-MW-24-01-22
Sample Location: FCMW-24
Sampled By: GB.
C.O.C. No.:
Type of Sample:
[] Low Concentration
[] High Concentration

SAMPLING DATA:

	Color (Visual)	pH (S.U.)	S.C. (mS/cm)	Temp. (°C)	Turbidity (NTU)	DO (mg/l)	Salinity (%) ORP	Other Time
Date: 1/26/05								
Time: 9:30								
Method:	clear	7.14	0.870	24.49	980	2.95	-253	9:25

PURGE DATA:

	Volume	pH	S.C.	Temp.	Turbidity	DO	Salinity ORP	Other Time
Date: 1/26/05								
Method: low flow	500L	7.05	0.888	24.39	990	2.11	-245	9:05
Monitor Reading (ppm): 0	1000L	7.11	0.882	24.23	990	2.39	-250	9:10
Well Casing Diameter & Material	1000	7.12	0.875	24.49	990	2.53	-253	9:15
Type: 2" PVC	1000	7.13	0.871	24.48	990	2.82	-252	9:20
Total Well Depth (TD): 12'	1000	7.14	0.870	24.49	980	2.95	-253	9:25
Static Water Level (WL): 4.18	1000							
One Casing Volume(gal/L):								
Start Purge (hrs): 8:40								
End Purge (hrs): 9:25								
Total Purge Time (min): 45								
Total Vol. Purged (gal/L): 10L								

SAMPLE COLLECTION INFORMATION:

Analysis	Preservative	Container Requirements	Collected
SVOC			✓
Pest/PCB			✓
TAL Metals			✓
VOC			✓
			✓

OBSERVATIONS / NOTES:

petroleum odor.

Circle if Applicable:

MS/MSD	Duplicate ID No.:

Signature(s): Gary B

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West/Flying Club
PROJECT NUMBER:
DRILLING COMPANY: Precision.
DRILLING RIG: DT66.
BORING No.: FCMW-25
DATE: 9/22/04
GEOLOGIST: GB
DRILLER: Precision / Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand + gravel, unsorted	GP					
							fill material, shell fragments			0	0	0	0
							boulders + cobbles						
				4			↓			0	0	0	0
5							limestone, oolitic,		moist.				
							sandy, clay + silt	SC					
							intermixed, brown, med						
							to coarse grained,						
							vuggy porosity, well						
10							consolidated			0	0	0	0
							↓						
12													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: FCMW-25.

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West
PROJECT NUMBER:
DRILLING COMPANY: Precision
DRILLING RIG: 66 DT

BORING No.: FCMW-26
DATE: 9/22/04
GEOLOGIST: GB
DRILLER: Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand + gravel, unsorted						
							fill material, grey						
							cobbles, pebbles, consolidated						
				4			↓		most				
5							limestone, oolitic		slight odor	100	0	100	0
							brown, sandy with						
							minor clay, some						
							shell fragments						
							porous, well consolidated						
10							↓			0	0	0	0
							↓						
12													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: FCMW-26

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West
PROJECT NUMBER:
DRILLING COMPANY: Precision
DRILLING RIG: 66DT

BORING No.: FC-MW-24
DATE: 9/22/04
GEOLOGIST: GB
DRILLER: Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand + gravel, grey						
							unconsolidated, shell			0	0	0	0
							fragments						
				4			↓						
5				40			limestone, oolitic		moist, fuel	3000	0	1000	0
							sandy, brown, some		odor				
							clay + silt, well						
							consolidated						
10										200	0	10	0
							↓						
12													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: FC MW 24

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West
PROJECT NUMBER:
DRILLING COMPANY: Precision
DRILLING RIG: 66 DT

BORING No.: FCMW-23
DATE: 9/22/04
GEOLOGIST: GB
DRILLER: Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand + gravel, crushed						
							limestone, grey-brown						
							fill material, consolidated						
				4			↓						
5							Limestone, oolitic		moist	120	0	100	0
							sandy, minor clay +		strong fuel odor				
							silt, brown, well						
							consolidated, few						
							shell fragments,						
10							vuggy porosity			50	0	75	0
							↓						
22													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes _____ No _____ Well I.D. #: FCMW-23

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West
PROJECT NUMBER:
DRILLING COMPANY: Precision
DRILLING RIG: CC DT

BORING No.: FCMW-28
DATE: 9/22/04
GEOLOGIST: Gary Bunting
DRILLER: Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand + gravel,						
							grey to brown, well			0	0	0	0
							consolidated, fill material						
				4			↓						
5							oolitic limestone,		moist	40	0	50	0
							light brown, sandy,		slight odor.				
							minor clay + silt						
							vuggy porosity						
							↓						
10										10	0	3	0
12													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm): 0

Converted to Well: Yes ✓ No _____ Well I.D. #: FCMW-28

Tetra Tech NUS, Inc.

BORING LOG

PROJECT NAME: NAS Key West
PROJECT NUMBER:
DRILLING COMPANY: Precision
DRILLING RIG: 66DT

BORING No.: FCMW-27
DATE: 9/22/0
GEOLOGIST: Gary B
DRILLER: Paul Mike

Sample No. and Type or RQD	Depth (Ft.) or Run No.	Blows / 6" or RQD (%)	Sample Recovery / Sample Length	Lithology Change (Depth/Ft.) or Screened Interval	MATERIAL DESCRIPTION: Soil Density/ Consistency or Rock Hardness	Color	Material Classification	USCS *	Remarks	PID/FID Reading (ppm): Sample	Sampler BZ	Borehole**	Driller BZ**
							sand and gravel,						
							poorly sorted, light			0	0	0	0
							brown, well consolidated						
							↓						
5				4			limestone, oolitic		moist	0	0	0	0
							light brown, sandy						
							minor clay + silt						
							well consolidated,						
							vuggy porosity						
10										0	0	0	0
							↓						
12													

* When rock coring, enter rock brokeness.

** Include monitor reading in 6 foot intervals @ borehole. Increase reading frequency if elevated reponse read.

Remarks:

Drilling Area Background (ppm):

Converted to Well: Yes ✓ No _____ Well I.D. #: FCMW-27

APPENDIX B

ANALYTICAL VALIDATION REPORTS

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**SEPTEMBER 22, 2004**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOA/SVOA**
CTO 351, NAS KEY WEST
SDG 3512

SAMPLES: 22/Aqueous

KWFCFD03-0704	KWFCFD02-0704	KWFCGS-07-0704
KWFCGS-22-0704	KWFCGS-26-0704	KWFCGS-27-0704
KWFCGS-28-0704	KWFCGS-30-0704	KWFCGS-32-0704
KWFCGS-35-0704	KWFCGS-36-0704	KWFCGS-37-0704
KWFCGS-38-0704	KWFCGS-40-0704	KWFCGS-42-0704
KWFCGS-49-0704	KWFCGS-50-0704	KWFCGS-54-0704
KWFCGS-55-0704	KWFCGS-58-0704	KWFCRB010704
KWFCTB010704		

OVERVIEW

The sample set for CTO 351 NAS Key West, SDG 3512 consists of one (1) rinse blank, one (1) trip blank, and twenty (20) aqueous environmental samples. All samples were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOA). The trip blank (KWFCTB010704) was analyzed for VOCs only. Two field duplicate pairs are associated with this SDG: KWFCGS-32-0704 / KWFCFD03-0704 and KWFCGS-42-0704 / KWFCFD01-0704.

The samples were collected by TetraTech NUS on July 17, 18, and 19, 2004 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Method 8060B and 8270M SIM analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

- Data completeness
- * Holding times
- Initial/continuing calibrations
- Laboratory method blank results
- Surrogate Recoveries
- Internal Standards
- Field Duplicates
- * Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A.

VOCs

The following compound was detected in the method blanks:

Compound	Maximum Concentration	Blank Action Level
Methylene chloride	4.0 ug/L	40.0 ug/L

- Value < Reporting Limit (RL); report RL followed by a U.
- Value > RL and < Action level; report value followed by a U.

Sample aliquot and dilution factors were taken into consideration when applying the blank action levels. Positive results for methylene chloride below the blank action level were qualified as non-detected, U. Field quality control blanks were not qualified based on laboratory method blank contamination.

SVOCs

The surrogate pyrene-d10 had a recovery greater than the quality control criterion for samples KWFCGS-22-0704, KWFCGS-50-0704, KWFCGS-32-0704, KWFCGS-36-0704, and KWFCRB010704. The positive results have been qualified as estimated (J) for the aforementioned samples, except those results that were reported from a dilution.

The internal standards naphthalene-d8, acenaphthene-d10, phenanthrene-d10, chrysene-d12, and perylene-d12 had area counts greater than +100% of the area counts of the continuing calibration for sample KWFCGS-49-0704. The positive results quantitated using the aforementioned internal standards for sample KSWFCGS-49-0704 have been qualified as estimated (J).

Field duplicate imprecision (RPD > 50%) was noted for naphthalene in the KWFCGS-42-0704 / KWFCFD02-0704 sample pair. Positive results reported for naphthalene were qualified as estimated, "J" in this sample pair only.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

The surrogate 1,2-dichloroethane-d4 had a recovery less than the quality control criterion for sample KWFCGS-49-0704MSD. No action was taken on this basis because the original sample and the matrix spike were within quality control criterion.

Calibration verification percent differences (%Ds) exceeded the 25% (and were <90%) quality control limit for chloroethane and 2-chloroethylvinylether on instrument "GCMS-S", on 7/21/04 @0759. No action was taken on this basis because chloroethane and 2-chloroethylvinylether were not detected in the associated samples.

Calibration verification %Ds exceeded the 25% (and were <90%) quality control limit for chloromethane, bromomethane, methyl tert-butyl ether, and 1,1-dichloroethane on instrument "GCMS-S", on 7/22/04 @0728. No action was taken on this basis because the aforementioned compounds were not detected in the associated samples.

Calibration verification %Ds exceeded the 25% (and were <90%) quality control limit for bromomethane and 2-chloroethylvinylether on instrument "GCMS-S", on 7/23/04 @0716. No action was taken on this basis because bromoehtane and 2-chloroethylvinylether were not detected in the associated samples.

Calibration verification %Ds exceeded the 25% (and were <90%) quality control limit for chloromethane and bromomethane on instrument "GCMS-S", on 7/26/04 @0832. No action was taken on this basis because chloromethane and bromomethane were not detected in the associated samples.

The surrogate pyrene-d10 had a recovery greater than the quality control criterion for the method blank

(WG8775-BLANK) associated with the semivolatile samples. No action was taken on this basis.

The rinse blank sample (KWFCRB010704) had detections for naphthalene, 2-methylnaphthalene, fluorene, and 1-methylnaphthalene. No action was taken on this basis.

A calibration verification %D exceeded the 25% (and was <90%) quality control limit for acenaphthylene on instrument "GCMS-K", on 8/16/04 @1306. No action was taken on this basis because acenaphthylene was not detected in the associated samples.

Calibration verification %Ds exceeded the 25% (and were <90%) quality control limit for benzo(b)fluoranthene and dibenzo(a,h)anthracene on instrument "GCMS-K", on 8/17/04 @1255. No action was taken on this basis because benzo(b)fluoranthene and dibenzo(a,h)anthracene were not detected in the associated samples.

A calibration verification %D exceeded the 25% (and was <90%) quality control limit for benzo(b)fluoranthene on instrument "GCMS-X", on 7/27/04 @1040. No action was taken on this basis because benzo(b)fluoranthene was not detected in the associated samples.

A calibration verification %D exceeded the 25% (and was <90%) quality control limit for pyrene on instrument "GCMS-X", on 8/18/04 @0917. No action was taken on this basis because pyrene was not detected in the associated samples.

The internal standard perylene-d12 had area counts greater than +100% of the area counts of the continuing calibration for sample KWFCGS-55-0704. No action was taken on this basis because no detections were associated with the out of control internal standard.

The internal standards chrysene-d12 and perylene-d12 had area counts less than 50% of the area counts of the continuing calibration for the diluted run of sample KWFCGS-50-0704. No action was taken on this basis because no detections were associated with the out of control internal standards.

The internal standards chrysene-d12 and perylene-d12 had area counts less than 50% of the area counts of the continuing calibration for the diluted run of sample KWFCGS-07-0704. No action was taken on this basis because no detections were associated with the out of control internal standards.

The internal standard perylene-d12 had area counts less than 50% of the area counts of the continuing calibration for the diluted run of samples KWFCGS-32-0704, KWFCGS-27-0704, and KWFCGS-36-0704. No action was taken on this basis because no detections were associated with the out of control internal standard.

The internal standards chrysene-d12 and perylene-d12 had area counts less than 50% of the area counts of the continuing calibration for the diluted run of samples KWFCGS-30-0704, KWFCGS-26-0704, KWFCGS-49-0704, and KWFCGS-40-0704. No action was taken on this basis because no detections were associated with the out of control internal standards.

The internal standard perylene-d12 had area counts less than 50% of the area counts of the continuing calibration for sample KWFCGS-54-0704. The sample was also analyzed at a dilution and the internal standards chrysene-d12 and perylene-d12 had area counts less than 50% of the area counts of the continuing calibration. No action was taken on this basis because no detections were associated with the out of control internal standards.

The following samples required dilutions due to high concentrations of VOC compounds: KWFCGS-28-0704 (2X) and KWFCGS-40-0704 (10X). A concentrated run of sample KWFCGS-28-0704 was not submitted by the laboratory which accounts for the elevated detection limits. The diluted results for sample KWFCGS-40-0704 were transposed to the undiluted run in the database.

The laboratory did not report the following compounds for sample KWFCFD03-0704: benzene, ethylbenzene, m&p xylene, methyl tert-butyl ether, o-xylene, toluene, and total xylene. The data reviewer obtained the information from the summary Form I and entered them into the database.

As per Emily McRee sample KWFCFD01-0704 was changed to KWFCFD03-0704. The sample ID was changed because KWFCFD01-0704 was previously used. The field sampling team inadvertently duplicated the

KWFCFD01-0704 ID.

Sample KWFCFD03-0704 (20X) required a dilution due to high concentrations of SVOC compounds.

The following samples required dilutions due to high concentrations of SVOC compounds: KWFCFD02-0704 (10X), KWFCGS-07-0704 (10X), KWFCGS-22-0704 (10X), KWFCGS-26-0704 (25X), KWFCGS-27-0704 (10X), KWFCGS-28-0704 (50X), KWFCGS-30-0704 (250X), KWFCGS-32-0704 (20X), KWFCGS-36-0704 (10X), KWFCGS-37-0704 (10X), KWFCGS-38-0704 (10X), KWFCGS-40-0704 (250X), KWFCGS-42-0704 (10X), KWFCGS-49-0704 (400X), KWFCGS-50-0704 (100X), and KWFCGS-54-0704 (25X). The diluted results for these samples were transposed to the undiluted run in the database.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Data was qualified due to VOC blank contamination. The laboratory did not submit results for all compounds required by the laboratory specification. Several SVOC continuing calibrations did not meet %D criterion.

Other Factors Affecting Data Quality: Data was qualified due to surrogate and internal standard non-compliance.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Edward Sedlmyer
Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCFD02-0704	nsample	KWFCFD03-0704	nsample	KWFCGS-07-0704
samp_date	7/19/2004	samp_date	7/19/2004	samp_date	7/18/2004
lab_id	WU2178-20	lab_id	WU2178-19	lab_id	WU2178-6RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:	KWFCGS-42-0704	DUP_OF:	KWFCGS-32-0704	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	12		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.5	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	4.5		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	3		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.4	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	4.4		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	2		
M+P-XYLENES	1	J	P
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.2	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	1.2	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-22-0704	nsample	KWFCGS-26-0704	nsample	KWFCGS-27-0704
samp_date	7/18/2004	samp_date	7/18/2004	samp_date	7/18/2004
lab_id	WU2178-7RA	lab_id	WU2178-8	lab_id	WU2178-9RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.5	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	0.2	J	P
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	3	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.3	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	5		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.3	J	P
TOTAL XYLENES	4		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1	J	P
M+P-XYLENES	0.4	J	P
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	0.4	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-28-0704	nsample	KWFCGS-30-0704	nsample	KWFCGS-32-0704
samp_date	7/18/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-10DL2	lab_id	WU2178-17	lab_id	WU2178-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	2	U	
1,1,2,2-TETRACHLOROETHANE	2	U	
1,1,2-TRICHLOROETHANE	2	U	
1,1-DICHLOROETHANE	2	U	
1,1-DICHLOROETHENE	2	U	
1,2-DICHLOROETHANE	2	U	
1,2-DICHLOROPROPANE	2	U	
2-CHLOROETHYL VINYL ETHER	2	U	
BENZENE	0.6	J	P
BROMODICHLOROMETHANE	2	U	
BROMOFORM	2	U	
BROMOMETHANE	4	U	
CARBON TETRACHLORIDE	2	U	
CHLOROBENZENE	2	U	
CHLORODIBROMOMETHANE	2	U	
CHLOROETHANE	4	U	
CHLOROFORM	2	U	
CHLOROMETHANE	4	U	
CIS-1,2-DICHLOROETHENE	2	U	
CIS-1,3-DICHLOROPROPENE	2	U	
ETHYLBENZENE	11		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	4	U	
METHYLENE CHLORIDE	2	U	A
O-XYLENE	2	U	
TETRACHLOROETHENE	2	U	
TOLUENE	2	U	
TOTAL XYLENES	4	J	P
TRANS-1,2-DICHLOROETHENE	2	U	
TRANS-1,3-DICHLOROPROPENE	2	U	
TRICHLOROETHENE	2	U	
VINYL CHLORIDE	4	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	39		
M+P-XYLENES	21		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	3		
TETRACHLOROETHENE	1	U	
TOLUENE	1	J	P
TOTAL XYLENES	24		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	3		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.4	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	4.4		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-35-0704	nsample	KWFCGS-36-0704	nsample	KWFCGS-37-0704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-1	lab_id	WU2178-13	lab_id	WU2178-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	5		
M+P-XYLENES	3		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	3	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	3		
M+P-XYLENES	2		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.2	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	2.2	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.1	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	2		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	4		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

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SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-38-0704	nsample	KWFCGS-40-0704	nsample	KWFCGS-42-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/19/2004
lab_id	WU2178-14	lab_id	WU2178-2	lab_id	WU2178-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.2	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1		
M+P-XYLENES	0.7	J	P
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	0.7	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	710		
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1200		
M+P-XYLENES	660		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	110		
TOTAL XYLENES	660		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	13		
M+P-XYLENES	4		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.4	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	4.4		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

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SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-49-0704	nsample	KWFCGS-50-0704	nsample	KWFCGS-54-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/17/2004
lab_id	WU2178-18	lab_id	WU2178-3RA2	lab_id	WU2178-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	21		
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	19		
M+P-XYLENES	60		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	4		
TETRACHLOROETHENE	1	U	
TOLUENE	11		
TOTAL XYLENES	64		
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	6		
M+P-XYLENES	2	J	P
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.3	J	P
TOTAL XYLENES	2.3	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.2	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1		
M+P-XYLENES	2		
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	J	P
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	2.3	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

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SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-55-0704	nsample	KWFCGS-58-0704	nsample	KWFCRB010704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-5	lab_id	WU2178-16	lab_id	WU2178-21
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	0.3	J	P
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	0.3	J	P
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	0.4	J	P
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	0.6	J	P
M+P-XYLENES	0.4	J	P
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.2	J	P
TOTAL XYLENES	3	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	3	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCTB010704
samp_date	7/19/2004
lab_id	WU2178-22
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1-TRICHLOROETHANE	1	U	
1,1,2,2-TETRACHLOROETHANE	1	U	
1,1,2-TRICHLOROETHANE	1	U	
1,1-DICHLOROETHANE	1	U	
1,1-DICHLOROETHENE	1	U	
1,2-DICHLOROETHANE	1	U	
1,2-DICHLOROPROPANE	1	U	
2-CHLOROETHYL VINYL ETHER	1	U	
BENZENE	1	U	
BROMODICHLOROMETHANE	1	U	
BROMOFORM	1	U	
BROMOMETHANE	2	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	1	U	
CHLORODIBROMOMETHANE	1	U	
CHLOROETHANE	2	U	
CHLOROFORM	1	U	
CHLOROMETHANE	2	U	
CIS-1,2-DICHLOROETHENE	1	U	
CIS-1,3-DICHLOROPROPENE	1	U	
ETHYLBENZENE	1	U	
M+P-XYLENES	2	U	
METHYL TERT-BUTYL ETHER	2	U	
METHYLENE CHLORIDE	0.9	J	P
O-XYLENE	1	U	
TETRACHLOROETHENE	1	U	
TOLUENE	1	U	
TOTAL XYLENES	3	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRICHLOROETHENE	1	U	
VINYL CHLORIDE	2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCFD02-0704	nsample	KWFCFD03-0704	nsample	KWFCGS-07-0704
samp_date	7/19/2004	samp_date	7/19/2004	samp_date	7/18/2004
lab_id	WU2178-20RA	lab_id	WU2178-19DL	lab_id	WU2178-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:	KWFCGS-42-0704	DUP_OF:	KWFCGS-32-0704	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	10		
2-METHYLNAPHTHALENE	19		
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.07	J	P
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	11	J	G
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	28		
2-METHYLNAPHTHALENE	43		
ACENAPHTHENE	0.44		
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	4	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.52		
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	9		
PHENANTHRENE	0.14	J	P
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	17		
2-METHYLNAPHTHALENE	0.81		
ACENAPHTHENE	0.38		
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.42		
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	23		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-22-0704	nsample	KWFCGS-26-0704	nsample	KWFCGS-27-0704
samp_date	7/18/2004	samp_date	7/18/2004	samp_date	7/18/2004
lab_id	WU2178-7	lab_id	WU2178-8	lab_id	WU2178-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	19		
2-METHYLNAPHTHALENE	9.3		
ACENAPHTHENE	1.6	J	R
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	1.2	J	R
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	2.3	J	R
PHENANTHRENE	1.9	J	R
PYRENE	0.15	J	PR

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	25		
2-METHYLNAPHTHALENE	50		
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.18	J	P
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	43		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	8.9		
2-METHYLNAPHTHALENE	19		
ACENAPHTHENE	0.11	J	P
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.27		
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	4.9		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-28-0704	nsample	KWFCGS-30-0704	nsample	KWFCGS-32-0704
samp_date	7/18/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-10	lab_id	WU2178-17	lab_id	WU2178-11RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	48		
2-METHYLNAPHTHALENE	110		
ACENAPHTHENE	0.4		
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.46		
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	60		
PHENANTHRENE	0.12	J	P
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	53		
2-METHYLNAPHTHALENE	90		
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.2	U	
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	630		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	22		
2-METHYLNAPHTHALENE	34		
ACENAPHTHENE	0.48	J	R
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.55	J	R
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	8.6		
PHENANTHRENE	0.17	J	PR
PYRENE	0.2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-35-0704	nsample	KWFCGS-36-0704	nsample	KWFCGS-37-0704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-1RA	lab_id	WU2178-13RA	lab_id	WU2178-12RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	1.4		
2-METHYLNAPHTHALENE	0.61		
ACENAPHTHENE	0.21	U	
ACENAPHTHYLENE	0.21	U	
ANTHRACENE	0.21	U	
BENZO(A)ANTHRACENE	0.21	U	
BENZO(A)PYRENE	0.21	U	
BENZO(B)FLUORANTHENE	0.21	U	
BENZO(G,H,I)PERYLENE	0.21	U	
BENZO(K)FLUORANTHENE	0.21	U	
CHRYSENE	0.21	U	
DIBENZO(A,H)ANTHRACENE	0.21	U	
FLUORANTHENE	0.21	U	
FLUORENE	0.21	U	
INDENO(1,2,3-CD)PYRENE	0.21	U	
NAPHTHALENE	0.2	J	P
PHENANTHRENE	0.21	U	
PYRENE	0.21	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	2	J	R
2-METHYLNAPHTHALENE	1.4	J	R
ACENAPHTHENE	0.22	U	
ACENAPHTHYLENE	0.1	J	PR
ANTHRACENE	0.22	U	
BENZO(A)ANTHRACENE	0.22	U	
BENZO(A)PYRENE	0.22	U	
BENZO(B)FLUORANTHENE	0.22	U	
BENZO(G,H,I)PERYLENE	0.22	U	
BENZO(K)FLUORANTHENE	0.22	U	
CHRYSENE	0.22	U	
DIBENZO(A,H)ANTHRACENE	0.22	U	
FLUORANTHENE	0.22	U	
FLUORENE	0.22	U	
INDENO(1,2,3-CD)PYRENE	0.22	U	
NAPHTHALENE	29		
PHENANTHRENE	0.22	U	
PYRENE	0.22	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	12		
2-METHYLNAPHTHALENE	15		
ACENAPHTHENE	1.2		
ACENAPHTHYLENE	0.22	U	
ANTHRACENE	0.22	U	
BENZO(A)ANTHRACENE	0.16	J	P
BENZO(A)PYRENE	0.22	U	
BENZO(B)FLUORANTHENE	0.22	U	
BENZO(G,H,I)PERYLENE	0.15	J	P
BENZO(K)FLUORANTHENE	0.22	U	
CHRYSENE	0.26		
DIBENZO(A,H)ANTHRACENE	0.22	U	
FLUORANTHENE	0.22	U	
FLUORENE	1.2		
INDENO(1,2,3-CD)PYRENE	0.2	J	P
NAPHTHALENE	1.3		
PHENANTHRENE	0.93		
PYRENE	0.6		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-38-0704	nsample	KWFCGS-40-0704	nsample	KWFCGS-42-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/19/2004
lab_id	WU2178-14RA	lab_id	WU2178-2	lab_id	WU2178-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	19		
2-METHYLNAPHTHALENE	18		
ACENAPHTHENE	0.21		
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.35		
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	6		
PHENANTHRENE	0.28		
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	86		
2-METHYLNAPHTHALENE	170		
ACENAPHTHENE	0.15	J	P
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.14	J	P
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	580		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	12		
2-METHYLNAPHTHALENE	24		
ACENAPHTHENE	0.078	J	P
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.067	J	P
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	17	J	G
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-49-0704	nsample	KWFCGS-50-0704	nsample	KWFCGS-54-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/17/2004
lab_id	WU2178-18	lab_id	WU2178-3RA	lab_id	WU2178-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	84		
2-METHYLNAPHTHALENE	140		
ACENAPHTHENE	0.75	J	N
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.11	J	PN
FLUORENE	0.38	J	N
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	760		
PHENANTHRENE	0.28	J	N
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	26		
2-METHYLNAPHTHALENE	35		
ACENAPHTHENE	0.21	U	
ACENAPHTHYLENE	0.21	U	
ANTHRACENE	0.21	U	
BENZO(A)ANTHRACENE	0.21	U	
BENZO(A)PYRENE	0.21	U	
BENZO(B)FLUORANTHENE	0.21	U	
BENZO(G,H,I)PERYLENE	0.21	U	
BENZO(K)FLUORANTHENE	0.21	U	
CHRYSENE	0.21	U	
DIBENZO(A,H)ANTHRACENE	0.21	U	
FLUORANTHENE	0.21	U	
FLUORENE	0.18	J	PR
INDENO(1,2,3-CD)PYRENE	0.21	U	
NAPHTHALENE	120		
PHENANTHRENE	0.21	U	
PYRENE	0.21	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	13		
2-METHYLNAPHTHALENE	17		
ACENAPHTHENE	0.089	J	P
ACENAPHTHYLENE	0.21	U	
ANTHRACENE	0.21	U	
BENZO(A)ANTHRACENE	0.21	U	
BENZO(A)PYRENE	0.21	U	
BENZO(B)FLUORANTHENE	0.21	U	
BENZO(G,H,I)PERYLENE	0.21	U	
BENZO(K)FLUORANTHENE	0.21	U	
CHRYSENE	0.21	U	
DIBENZO(A,H)ANTHRACENE	0.21	U	
FLUORANTHENE	0.21	U	
FLUORENE	0.21	U	
INDENO(1,2,3-CD)PYRENE	0.21	U	
NAPHTHALENE	71		
PHENANTHRENE	0.21	U	
PYRENE	0.21	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: PAH

nsample	KWFCGS-55-0704	nsample	KWFCGS-58-0704	nsample	KWFCRB010704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-5	lab_id	WU2178-16	lab_id	WU2178-21RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.2	U	
2-METHYLNAPHTHALENE	0.091	J	P
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.11	J	P
FLUORENE	0.16	J	P
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	0.11	J	P
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.39		
2-METHYLNAPHTHALENE	0.33		
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.2	U	
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	1.1		
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	0.12	J	PR
2-METHYLNAPHTHALENE	0.13	J	PR
ACENAPHTHENE	0.2	U	
ACENAPHTHYLENE	0.2	U	
ANTHRACENE	0.2	U	
BENZO(A)ANTHRACENE	0.2	U	
BENZO(A)PYRENE	0.2	U	
BENZO(B)FLUORANTHENE	0.2	U	
BENZO(G,H,I)PERYLENE	0.2	U	
BENZO(K)FLUORANTHENE	0.2	U	
CHRYSENE	0.2	U	
DIBENZO(A,H)ANTHRACENE	0.2	U	
FLUORANTHENE	0.2	U	
FLUORENE	0.15	J	PR
INDENO(1,2,3-CD)PYRENE	0.2	U	
NAPHTHALENE	0.1	J	PR
PHENANTHRENE	0.2	U	
PYRENE	0.2	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/26/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-19 3
Client ID: KWFCFD0~~1~~-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8791
Units: ug/l

9-2-04 JAS

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		3	1.0	1	1	0.2
1330-20-7	Xylenes (total)		5	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.4	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/26/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-20
Client ID: KWFCFD02-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8791
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		12	1.0	1	1	0.2
1330-20-7	Xylenes (total)		5	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.5	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		83%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-6RA
Client ID: KWFCGS-07-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1 0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	1	1.0	3	3	0.5
	m+p-Xylenes	J	1.0	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.2	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		81%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-7RA
Client ID: KWFCGS-22-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.5	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	J	0.2	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		109%				
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-8
Client ID: KWFCGS-26-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.3	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.3	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		5	1.0	1	1	0.2
1330-20-7	Xylenes (total)		4	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-9RA
Client ID: KWFCGS-27-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	J	1.0	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	J	0.4	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-10DL2
Client ID: KWFCGS-28-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	4	2.0	2	4	1
75-01-4	Vinyl chloride	U	4	2.0	2	4	0.3
74-83-9	Bromomethane	U	4	2.0	2	4	1
75-00-3	Chloroethane	U	4	2.0	2	4	0.3
75-35-4	1,1-Dichloroethene	U	2	2.0	1	2	0.2
75-09-2	Methylene Chloride	J	1	2.0	2	4	0.9
156-60-5	trans-1,2-Dichloroethene	U	2	2.0	1	2	0.3
1634-04-4	Methyl tert-butyl ether	U	4	2.0	2	4	0.3
75-34-3	1,1-Dichloroethane	U	2	2.0	1	2	0.2
156-59-2	cis-1,2-Dichloroethene	U	2	2.0	1	2	0.2
67-66-3	Chloroform	U	2	2.0	1	2	0.2
56-23-5	Carbon Tetrachloride	U	2	2.0	1	2	0.3
71-55-6	1,1,1-Trichloroethane	U	2	2.0	1	2	0.3
71-43-2	Benzene	J	0.6	2.0	1	2	0.2
107-06-2	1,2-Dichloroethane	U	2	2.0	1	2	0.3
79-01-6	Trichloroethene	U	2	2.0	1	2	0.2
78-87-5	1,2-Dichloropropane	U	2	2.0	1	2	0.2
75-27-4	Bromodichloromethane	U	2	2.0	1	2	0.2
10061-01-5	cis-1,3-dichloropropene	U	2	2.0	1	2	0.2
110-75-8	2-Chloroethylvinylether	U	2	2.0	1	2	0.3
108-88-3	Toluene	U	2	2.0	1	2	0.3
127-18-4	Tetrachloroethene	U	2	2.0	1	2	0.7
10061-02-6	trans-1,3-Dichloropropene	U	2	2.0	1	2	0.3
79-00-5	1,1,2-Trichloroethane	U	2	2.0	1	2	0.2
124-48-1	Dibromochloromethane	U	2	2.0	1	2	0.2
108-90-7	Chlorobenzene	U	2	2.0	1	2	0.2
100-41-4	Ethylbenzene		11	2.0	1	2	0.3
1330-20-7	Xylenes (total)	J	4	2.0	3	6	1.0
	m+p-Xylenes		4	2.0	2	4	0.6
95-47-6	o-Xylene	U	2	2.0	1	2	0.4
75-25-2	Bromoform	U	2	2.0	1	2	0.3
79-34-5	1,1,2,2-Tetrachloroethane	U	2	2.0	1	2	0.4
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-17
Client ID: KWFCGS-30-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0 09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	1.0	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		39	1.0	1	1	0.2
1330-20-7	Xylenes (total)		24	1.0	3	3	0.5
	m+p-Xylenes		21	1.0	2	2	0.3
95-47-6	o-Xylene		3	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		114%				
460-00-4	P-Bromofluorobenzene		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-11
Client ID: KWFCGS-32-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		3	1.0	1	1	0.2
1330-20-7	Xylenes (total)		5	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.4	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-1
Client ID: KWFCGS-35-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		5	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	3	1.0	3	3	0.5
	m+p-Xylenes		3	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-13
Client ID: KWFCGS-36-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	1.0	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		3	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	3	1.0	3	3	0.5
	m+p-Xylenes		2	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.2	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-12
Client ID: KWFCGS-37-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		2	1.0	1	1	0.2
1330-20-7	Xylenes (total)		4	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-14
Client ID: KWFCGS-38-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.2	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	0.7	1.0	3	3	0.5
	m+p-Xylenes	J	0.7	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		81%				
2037-26-5	Toluene-D8		88%				
460-00-4	P-Bromofluorobenzene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-2
Client ID: KWFCGS-40-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	E	570	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene		110	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	E	850	1.0	1	1	0.2
1330-20-7	Xylenes (total)		470	1.0	3	3	0.5
	m+p-Xylenes	E	470	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		79%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		78%				
460-00-4	P-Bromofluorobenzene		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-2DL
Client ID: KWFCGS-40-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	20	10	2	20	6
75-01-4	Vinyl chloride	U	20	10	2	20	2
74-83-9	Bromomethane	U	20	10	2	20	6
75-00-3	Chloroethane	U	20	10	2	20	2
75-35-4	1,1-Dichloroethene	U	10	10	1	10	1
75-09-2	Methylene Chloride	JB	8	10	2	20	4
156-60-5	trans-1,2-Dichloroethene	U	10	10	1	10	1
1634-04-4	Methyl tert-butyl ether	U	20	10	2	20	2
75-34-3	1,1-Dichloroethane	U	10	10	1	10	1
156-59-2	cis-1,2-Dichloroethene	U	10	10	1	10	0.9
67-66-3	Chloroform	U	10	10	1	10	1
56-23-5	Carbon Tetrachloride	U	10	10	1	10	1
71-55-6	1,1,1-Trichloroethane	U	10	10	1	10	2
71-43-2	Benzene		710	10	1	10	0.9
107-06-2	1,2-Dichloroethane	U	10	10	1	10	2
79-01-6	Trichloroethene	U	10	10	1	10	0.8
78-87-5	1,2-Dichloropropane	U	10	10	1	10	1
75-27-4	Bromodichloromethane	U	10	10	1	10	0.9
10061-01-5	cis-1,3-dichloropropene	U	10	10	1	10	1
110-75-8	2-Chloroethylvinylether	U	10	10	1	10	2
108-88-3	Toluene		140	10	1	10	2
127-18-4	Tetrachloroethene	U	10	10	1	10	4
10061-02-6	trans-1,3-Dichloropropene	U	10	10	1	10	2
79-00-5	1,1,2-Trichloroethane	U	10	10	1	10	1
124-48-1	Dibromochloromethane	U	10	10	1	10	0.8
108-90-7	Chlorobenzene	U	10	10	1	10	0.9
100-41-4	Ethylbenzene		1200	10	1	10	2
1330-20-7	Xylenes (total)		660	10	3	30	5
	m+p-Xylenes		660	10	2	20	3
95-47-6	o-Xylene	U	10	10	1	10	2
75-25-2	Bromoform	U	10	10	1	10	1
79-34-5	1,1,2,2-Tetrachloroethane	U	10	10	1	10	2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		81%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-15
Client ID: KWFCGS-42-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		13	1.0	1	1	0.2
1330-20-7	Xylenes (total)		5	1.0	3	3	0.5
	m+p-Xylenes		4	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.4	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-18
Client ID: KWFCGS-49-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene		21	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene		11	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		19	1.0	1	1	0.2
1330-20-7	Xylenes (total)		64	1.0	3	3	0.5
	m+p-Xylenes		60	1.0	2	2	0.3
95-47-6	o-Xylene		4	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		77%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-3RA2
Client ID: KWFCGS-50-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.3	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		6	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.5
	m+p-Xylenes	J	2	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		87%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-4
Client ID: KWFCGS-54-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.2	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene		1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	J	2	1.0	3	3	0.5
	m+p-Xylenes		2	1.0	2	2	0.3
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-5
Client ID: KWFCGS-55-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	J	0.3	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	J	0.3	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-16
Client ID: KWFCGS-58-0704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	J	0.2	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	J	0.6	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	J	0.4	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		89%				
460-00-4	P-Bromofluorobenzene		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-21
Client ID: KWFCRB010704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-22
Client ID: KWFCTB010704
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.2
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	JB	0.9	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		80%				
2037-26-5	Toluene-D8		89%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-19 3
Client ID: KWFCFD01-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

9-21-07 JAS

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	8.2	1.0	0.20	0.20	0.047
91-57-6	2-Methylnaphthalene	E	34	1.0	0.20	0.20	0.075
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.047
83-32-9	Acenaphthene		0.44	1.0	0.20	0.20	0.075
86-73-7	Fluorene		0.52	1.0	0.20	0.20	0.057
85-01-8	Phenanthrene	J	0.14	1.0	0.20	0.20	0.075
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.075
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.085
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.11
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.066
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.085
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.075
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.085
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.094
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.075
90-12-0	1-Methylnaphthalene	E	23	1.0	0.20	0.20	0.075
7297-45-2	2-Methylnaphthalene-d10		120%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-19DL
Client ID: KWFCFD01-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		9.0	20	0.20	3.8	0.94
91-57-6	2-Methylnaphthalene		43	20	0.20	3.8	1.5
208-96-8	Acenaphthylene	U	3.8	20	0.20	3.8	0.94
83-32-9	Acenaphthene	U	3.8	20	0.20	3.8	1.5
86-73-7	Fluorene	U	3.8	20	0.20	3.8	1.1
85-01-8	Phenanthrene	U	3.8	20	0.20	3.8	1.5
120-12-7	Anthracene	U	3.8	20	0.20	3.8	1.5
206-44-0	Fluoranthene	U	3.8	20	0.20	3.8	2.1
129-00-0	Pyrene	U	3.8	20	0.20	3.8	1.7
56-55-3	Benzo(a)anthracene	U	3.8	20	0.20	3.8	2.3
218-01-9	Chrysene	U	3.8	20	0.20	3.8	1.3
205-99-2	Benzo(b)fluoranthene	U	3.8	20	0.20	3.8	1.7
207-08-9	Benzo(k)fluoranthene	U	3.8	20	0.20	3.8	1.5
50-32-8	Benzo(a)pyrene	U	3.8	20	0.20	3.8	1.7
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.8	20	0.20	3.8	1.9
53-70-3	Dibenzo(a,h)anthracene	U	3.8	20	0.20	3.8	2.8
191-24-2	Benzo(g,h,i)perylene	U	3.8	20	0.20	3.8	1.5
90-12-0	1-Methylnaphthalene		28	20	0.20	3.8	1.5
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-20RA
Client ID: KWFCFD02-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	8.6	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	16	1.0	0.20	0.20	0.078
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.078
86-73-7	Fluorene	J	0.070	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.078
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.078
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.087
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.068
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.087
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.078
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.087
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.097
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.078
90-12-0	1-Methylnaphthalene	E	9.1	1.0	0.20	0.20	0.078
7297-45-2	2-Methylnaphthalene-d10		99%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-20DL
Client ID: KWFCFD02-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		11	10	0.20	1.9	0.48
91-57-6	2-Methylnaphthalene		19	10	0.20	1.9	0.78
208-96-8	Acenaphthylene	U	1.9	10	0.20	1.9	0.48
83-32-9	Acenaphthene	U	1.9	10	0.20	1.9	0.78
86-73-7	Fluorene	U	1.9	10	0.20	1.9	0.58
85-01-8	Phenanthrene	U	1.9	10	0.20	1.9	0.78
120-12-7	Anthracene	U	1.9	10	0.20	1.9	0.78
206-44-0	Fluoranthene	U	1.9	10	0.20	1.9	1.1
129-00-0	Pyrene	U	1.9	10	0.20	1.9	0.87
56-55-3	Benzo(a)anthracene	U	1.9	10	0.20	1.9	1.2
218-01-9	Chrysene	U	1.9	10	0.20	1.9	0.68
205-99-2	Benzo(b)fluoranthene	U	1.9	10	0.20	1.9	0.87
207-08-9	Benzo(k)fluoranthene	U	1.9	10	0.20	1.9	0.78
50-32-8	Benzo(a)pyrene	U	1.9	10	0.20	1.9	0.87
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.9	10	0.20	1.9	0.97
53-70-3	Dibenzo(a,h)anthracene	U	1.9	10	0.20	1.9	1.4
191-24-2	Benzo(g,h,i)perylene	U	1.9	10	0.20	1.9	0.78
90-12-0	1-Methylnaphthalene		10	10	0.20	1.9	0.78
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/12/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-6
Client ID: KWFCGS-07-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	20	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene		0.81	1.0	0.20	0.20	0.079
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene		0.38	1.0	0.20	0.20	0.079
86-73-7	Fluorene		0.42	1.0	0.20	0.20	0.059
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.079
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.079
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.089
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.069
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.089
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.079
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.089
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.099
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.079
90-12-0	1-Methylnaphthalene	E	17	1.0	0.20	0.20	0.079
7297-45-2	2-Methylnaphthalene-d10		104%				
81103-79-9	Fluorene-d10		77%				
1718-52-1	Pyrene-d10		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-6DL
Client ID: KWFCGS-07-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		23	10	0.20	2.0	0.50
91-57-6	2-Methylnaphthalene	U	2.0	10	0.20	2.0	0.79
208-96-8	Acenaphthylene	U	2.0	10	0.20	2.0	0.50
83-32-9	Acenaphthene	U	2.0	10	0.20	2.0	0.79
86-73-7	Fluorene	J	1.8	10	0.20	2.0	0.59
85-01-8	Phenanthrene	U	2.0	10	0.20	2.0	0.79
120-12-7	Anthracene	U	2.0	10	0.20	2.0	0.79
206-44-0	Fluoranthene	U	2.0	10	0.20	2.0	1.1
129-00-0	Pyrene	U	2.0	10	0.20	2.0	0.89
56-55-3	Benzo(a)anthracene	U	2.0	10	0.20	2.0	1.2
218-01-9	Chrysene	U	2.0	10	0.20	2.0	0.69
205-99-2	Benzo(b)fluoranthene	U	2.0	10	0.20	2.0	0.89
207-08-9	Benzo(k)fluoranthene	U	2.0	10	0.20	2.0	0.79
50-32-8	Benzo(a)pyrene	U	2.0	10	0.20	2.0	0.89
193-39-5	Indeno(1,2,3-cd)pyrene	U	2.0	10	0.20	2.0	0.99
53-70-3	Dibenzo(a,h)anthracene	U	2.0	10	0.20	2.0	1.5
191-24-2	Benzo(g,h,i)perylene	U	2.0	10	0.20	2.0	0.79
90-12-0	1-Methylnaphthalene		17	10	0.20	2.0	0.79
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/16/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-7
Client ID: KWFCGS-22-0704
SDG: CT0351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		2.3	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	7.4	1.0	0.20	0.20	0.078
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene		1.6	1.0	0.20	0.20	0.078
86-73-7	Fluorene		1.2	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene		1.9	1.0	0.20	0.20	0.078
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.078
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	J	0.15	1.0	0.20	0.20	0.087
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.068
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.087
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.078
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.087
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.097
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.078
90-12-0	1-Methylnaphthalene	E	15	1.0	0.20	0.20	0.078
7297-45-2	2-Methylnaphthalene-d10		82%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		*168%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-7DL
Client ID: KWFCGS-22-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		2.6	10	0.20	1.9	0.48
91-57-6	2-Methylnaphthalene		9.3	10	0.20	1.9	0.78
208-96-8	Acenaphthylene	U	1.9	10	0.20	1.9	0.48
83-32-9	Acenaphthene	J	1.2	10	0.20	1.9	0.78
86-73-7	Fluorene		2.8	10	0.20	1.9	0.58
85-01-8	Phenanthrene		2.1	10	0.20	1.9	0.78
120-12-7	Anthracene	U	1.9	10	0.20	1.9	0.78
206-44-0	Fluoranthene	U	1.9	10	0.20	1.9	1.1
129-00-0	Pyrene	U	1.9	10	0.20	1.9	0.87
56-55-3	Benzo(a)anthracene	U	1.9	10	0.20	1.9	1.2
218-01-9	Chrysene	U	1.9	10	0.20	1.9	0.68
205-99-2	Benzo(b)fluoranthene	U	1.9	10	0.20	1.9	0.87
207-08-9	Benzo(k)fluoranthene	U	1.9	10	0.20	1.9	0.78
50-32-8	Benzo(a)pyrene	U	1.9	10	0.20	1.9	0.87
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.9	10	0.20	1.9	0.97
53-70-3	Dibenzo(a,h)anthracene	U	1.9	10	0.20	1.9	1.4
191-24-2	Benzo(g,h,i)perylene	U	1.9	10	0.20	1.9	0.78
90-12-0	1-Methylnaphthalene		19	10	0.20	1.9	0.78
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/16/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-8
Client ID: KWFCGS-26-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	41	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	50	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.077
86-73-7	Fluorene	J	0.18	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	22	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		81%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		142%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-8DL
Client ID: KWFCGS-26-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		43	25	0.20	4.8	1.2
91-57-6	2-Methylnaphthalene		50	25	0.20	4.8	1.9
208-96-8	Acenaphthylene	U	4.8	25	0.20	4.8	1.2
83-32-9	Acenaphthene	U	4.8	25	0.20	4.8	1.9
86-73-7	Fluorene	U	4.8	25	0.20	4.8	1.4
85-01-8	Phenanthrene	U	4.8	25	0.20	4.8	1.9
120-12-7	Anthracene	U	4.8	25	0.20	4.8	1.9
206-44-0	Fluoranthene	U	4.8	25	0.20	4.8	2.6
129-00-0	Pyrene	U	4.8	25	0.20	4.8	2.2
56-55-3	Benzo(a)anthracene	U	4.8	25	0.20	4.8	2.9
218-01-9	Chrysene	U	4.8	25	0.20	4.8	1.7
205-99-2	Benzo(b)fluoranthene	U	4.8	25	0.20	4.8	2.2
207-08-9	Benzo(k)fluoranthene	U	4.8	25	0.20	4.8	1.9
50-32-8	Benzo(a)pyrene	U	4.8	25	0.20	4.8	2.2
193-39-5	Indeno(1,2,3-cd)pyrene	U	4.8	25	0.20	4.8	2.4
53-70-3	Dibenzo(a,h)anthracene	U	4.8	25	0.20	4.8	3.6
191-24-2	Benzo(g,h,i)perylene	U	4.8	25	0.20	4.8	1.9
90-12-0	1-Methylnaphthalene		25	25	0.20	4.8	1.9
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/16/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-9
Client ID: KWFCGS-27-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	4.8	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	19	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	J	0.11	1.0	0.20	0.20	0.077
86-73-7	Fluorene		0.27	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	8.1	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		79%				
81103-79-9	Fluorene-d10		86%				
1718-52-1	Pyrene-d10		145%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-9DL
Client ID: KWFCGS-27-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		4.9	10	0.20	1.9	0.48
91-57-6	2-Methylnaphthalene		19	10	0.20	1.9	0.77
208-96-8	Acenaphthylene	U	1.9	10	0.20	1.9	0.48
83-32-9	Acenaphthene	U	1.9	10	0.20	1.9	0.77
86-73-7	Fluorene	U	1.9	10	0.20	1.9	0.58
85-01-8	Phenanthrene	U	1.9	10	0.20	1.9	0.77
120-12-7	Anthracene	U	1.9	10	0.20	1.9	0.77
206-44-0	Fluoranthene	U	1.9	10	0.20	1.9	1.0
129-00-0	Pyrene	U	1.9	10	0.20	1.9	0.86
56-55-3	Benzo(a)anthracene	U	1.9	10	0.20	1.9	1.2
218-01-9	Chrysene	U	1.9	10	0.20	1.9	0.67
205-99-2	Benzo(b)fluoranthene	U	1.9	10	0.20	1.9	0.86
207-08-9	Benzo(k)fluoranthene	U	1.9	10	0.20	1.9	0.77
50-32-8	Benzo(a)pyrene	U	1.9	10	0.20	1.9	0.86
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.9	10	0.20	1.9	0.96
53-70-3	Dibenzo(a,h)anthracene	U	1.9	10	0.20	1.9	1.4
191-24-2	Benzo(g,h,i)perylene	U	1.9	10	0.20	1.9	0.77
90-12-0	1-Methylnaphthalene		8.9	10	0.20	1.9	0.77
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/16/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-10
Client ID: KWFCGS-28-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	58	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	100	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene		0.40	1.0	0.20	0.20	0.077
86-73-7	Fluorene		0.46	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	J	0.12	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	42	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		76%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		140%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/18/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-10DL
Client ID: KWFCGS-28-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		60	50	0.20	9.6	2.4
91-57-6	2-Methylnaphthalene		110	50	0.20	9.6	3.8
208-96-8	Acenaphthylene	U	9.6	50	0.20	9.6	2.4
83-32-9	Acenaphthene	U	9.6	50	0.20	9.6	3.8
86-73-7	Fluorene	U	9.6	50	0.20	9.6	2.9
85-01-8	Phenanthrene	U	9.6	50	0.20	9.6	3.8
120-12-7	Anthracene	U	9.6	50	0.20	9.6	3.8
206-44-0	Fluoranthene	U	9.6	50	0.20	9.6	5.3
129-00-0	Pyrene	U	9.6	50	0.20	9.6	4.3
56-55-3	Benzo(a)anthracene	U	9.6	50	0.20	9.6	5.8
218-01-9	Chrysene	U	9.6	50	0.20	9.6	3.4
205-99-2	Benzo(b)fluoranthene	U	9.6	50	0.20	9.6	4.3
207-08-9	Benzo(k)fluoranthene	U	9.6	50	0.20	9.6	3.8
50-32-8	Benzo(a)pyrene	U	9.6	50	0.20	9.6	4.3
193-39-5	Indeno(1,2,3-cd)pyrene	U	9.6	50	0.20	9.6	4.8
53-70-3	Dibenzo(a,h)anthracene	U	9.6	50	0.20	9.6	7.2
191-24-2	Benzo(g,h,i)perylene	U	9.6	50	0.20	9.6	3.8
90-12-0	1-Methylnaphthalene		48	50	0.20	9.6	3.8
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-17
Client ID: KWFCGS-30-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	210	1.0	0.20	0.20	0.047
91-57-6	2-Methylnaphthalene	E	80	1.0	0.20	0.20	0.075
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.047
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.075
86-73-7	Fluorene	U	0.20	1.0	0.20	0.20	0.057
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.075
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.075
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.085
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.11
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.066
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.085
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.075
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.085
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.094
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.075
90-12-0	1-Methylnaphthalene	E	40	1.0	0.20	0.20	0.075
7297-45-2	2-Methylnaphthalene-d10		108%				
81103-79-9	Fluorene-d10		93%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-17DL
Client ID: KWFCGS-30-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		630	250	0.20	47	12
91-57-6	2-Methylnaphthalene		90	250	0.20	47	19
208-96-8	Acenaphthylene	U	47	250	0.20	47	12
83-32-9	Acenaphthene	U	47	250	0.20	47	19
86-73-7	Fluorene	U	47	250	0.20	47	14
85-01-8	Phenanthrene	U	47	250	0.20	47	19
120-12-7	Anthracene	U	47	250	0.20	47	19
206-44-0	Fluoranthene	U	47	250	0.20	47	26
129-00-0	Pyrene	U	47	250	0.20	47	21
56-55-3	Benzo(a)anthracene	U	47	250	0.20	47	28
218-01-9	Chrysene	U	47	250	0.20	47	16
205-99-2	Benzo(b)fluoranthene	U	47	250	0.20	47	21
207-08-9	Benzo(k)fluoranthene	U	47	250	0.20	47	19
50-32-8	Benzo(a)pyrene	U	47	250	0.20	47	21
193-39-5	Indeno(1,2,3-cd)pyrene	U	47	250	0.20	47	24
53-70-3	Dibenzo(a,h)anthracene	U	47	250	0.20	47	35
191-24-2	Benzo(g,h,i)perylene	U	47	250	0.20	47	19
90-12-0	1-Methylnaphthalene		53	250	0.20	47	19
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-11RA
Client ID: KWFCGS-32-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	9.3	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	36	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene		0.48	1.0	0.20	0.20	0.077
86-73-7	Fluorene		0.55	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	J	0.17	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	21	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		82%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		*173%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-11DL
Client ID: KWFCGS-32-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		8.6	20	0.20	3.8	0.96
91-57-6	2-Methylnaphthalene		34	20	0.20	3.8	1.5
208-96-8	Acenaphthylene	U	3.8	20	0.20	3.8	0.96
83-32-9	Acenaphthene	U	3.8	20	0.20	3.8	1.5
86-73-7	Fluorene	U	3.8	20	0.20	3.8	1.2
85-01-8	Phenanthrene	U	3.8	20	0.20	3.8	1.5
120-12-7	Anthracene	U	3.8	20	0.20	3.8	1.5
206-44-0	Fluoranthene	U	3.8	20	0.20	3.8	2.1
129-00-0	Pyrene	U	3.8	20	0.20	3.8	1.7
56-55-3	Benzo(a)anthracene	U	3.8	20	0.20	3.8	2.3
218-01-9	Chrysene	U	3.8	20	0.20	3.8	1.3
205-99-2	Benzo(b)fluoranthene	U	3.8	20	0.20	3.8	1.7
207-08-9	Benzo(k)fluoranthene	U	3.8	20	0.20	3.8	1.5
50-32-8	Benzo(a)pyrene	U	3.8	20	0.20	3.8	1.7
193-39-5	Indeno(1,2,3-cd)pyrene	U	3.8	20	0.20	3.8	1.9
53-70-3	Dibenzo(a,h)anthracene	U	3.8	20	0.20	3.8	2.9
191-24-2	Benzo(g,h,i)perylene	U	3.8	20	0.20	3.8	1.5
90-12-0	1-Methylnaphthalene		22	20	0.20	3.8	1.5
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-1RA
Client ID: KWFCGS-35-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	J	0.20	1.0	0.20	0.21	0.052
91-57-6	2-Methylnaphthalene		0.61	1.0	0.20	0.21	0.083
208-96-8	Acenaphthylene	U	0.21	1.0	0.20	0.21	0.052
83-32-9	Acenaphthene	U	0.21	1.0	0.20	0.21	0.083
86-73-7	Fluorene	U	0.21	1.0	0.20	0.21	0.062
85-01-8	Phenanthrene	U	0.21	1.0	0.20	0.21	0.083
120-12-7	Anthracene	U	0.21	1.0	0.20	0.21	0.083
206-44-0	Fluoranthene	U	0.21	1.0	0.20	0.21	0.11
129-00-0	Pyrene	U	0.21	1.0	0.20	0.21	0.094
56-55-3	Benzo(a)anthracene	U	0.21	1.0	0.20	0.21	0.12
218-01-9	Chrysene	U	0.21	1.0	0.20	0.21	0.073
205-99-2	Benzo(b)fluoranthene	U	0.21	1.0	0.20	0.21	0.094
207-08-9	Benzo(k)fluoranthene	U	0.21	1.0	0.20	0.21	0.083
50-32-8	Benzo(a)pyrene	U	0.21	1.0	0.20	0.21	0.094
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.21	1.0	0.20	0.21	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.21	1.0	0.20	0.21	0.16
191-24-2	Benzo(g,h,i)perylene	U	0.21	1.0	0.20	0.21	0.083
90-12-0	1-Methylnaphthalene		1.4	1.0	0.20	0.21	0.083
7297-45-2	2-Methylnaphthalene-d10		74%				
81103-79-9	Fluorene-d10		84%				
1718-52-1	Pyrene-d10		147%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-13RA
Client ID: KWFCGS-36-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	28	1.0	0.20	0.22	0.056
91-57-6	2-Methylnaphthalene		1.4	1.0	0.20	0.22	0.089
208-96-8	Acenaphthylene	J	0.100	1.0	0.20	0.22	0.056
83-32-9	Acenaphthene	U	0.22	1.0	0.20	0.22	0.089
86-73-7	Fluorene	U	0.22	1.0	0.20	0.22	0.067
85-01-8	Phenanthrene	U	0.22	1.0	0.20	0.22	0.089
120-12-7	Anthracene	U	0.22	1.0	0.20	0.22	0.089
206-44-0	Fluoranthene	U	0.22	1.0	0.20	0.22	0.12
129-00-0	Pyrene	U	0.22	1.0	0.20	0.22	0.10
56-55-3	Benzo(a)anthracene	U	0.22	1.0	0.20	0.22	0.13
218-01-9	Chrysene	U	0.22	1.0	0.20	0.22	0.078
205-99-2	Benzo(b)fluoranthene	U	0.22	1.0	0.20	0.22	0.10
207-08-9	Benzo(k)fluoranthene	U	0.22	1.0	0.20	0.22	0.089
50-32-8	Benzo(a)pyrene	U	0.22	1.0	0.20	0.22	0.10
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.22	1.0	0.20	0.22	0.11
53-70-3	Dibenzo(a,h)anthracene	U	0.22	1.0	0.20	0.22	0.17
191-24-2	Benzo(g,h,i)perylene	U	0.22	1.0	0.20	0.22	0.089
90-12-0	1-Methylnaphthalene		2.0	1.0	0.20	0.22	0.089
7297-45-2	2-Methylnaphthalene-d10		93%				
81103-79-9	Fluorene-d10		91%				
1718-52-1	Pyrene-d10		*238%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date; 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-13DL
Client ID: KWFCGS-36-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		29	10	0.20	2.2	0.56
91-57-6	2-Methylnaphthalene	J	2.1	10	0.20	2.2	0.89
208-96-8	Acenaphthylene	U	2.2	10	0.20	2.2	0.56
83-32-9	Acenaphthene	U	2.2	10	0.20	2.2	0.89
86-73-7	Fluorene	U	2.2	10	0.20	2.2	0.67
85-01-8	Phenanthrene	U	2.2	10	0.20	2.2	0.89
120-12-7	Anthracene	U	2.2	10	0.20	2.2	0.89
206-44-0	Fluoranthene	U	2.2	10	0.20	2.2	1.2
129-00-0	Pyrene	U	2.2	10	0.20	2.2	1.0
56-55-3	Benzo(a)anthracene	U	2.2	10	0.20	2.2	1.3
218-01-9	Chrysene	U	2.2	10	0.20	2.2	0.78
205-99-2	Benzo(b)fluoranthene	U	2.2	10	0.20	2.2	1.0
207-08-9	Benzo(k)fluoranthene	U	2.2	10	0.20	2.2	0.89
50-32-8	Benzo(a)pyrene	U	2.2	10	0.20	2.2	1.0
193-39-5	Indeno(1,2,3-cd)pyrene	U	2.2	10	0.20	2.2	1.1
53-70-3	Dibenzo(a,h)anthracene	U	2.2	10	0.20	2.2	1.7
191-24-2	Benzo(g,h,i)perylene	U	2.2	10	0.20	2.2	0.89
90-12-0	1-Methylnaphthalene		2.9	10	0.20	2.2	0.89
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-12RA
Client ID: KWFCGS-37-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		1.3	1.0	0.20	0.22	0.056
91-57-6	2-Methylnaphthalene	E	9.5	1.0	0.20	0.22	0.089
208-96-8	Acenaphthylene	U	0.22	1.0	0.20	0.22	0.056
83-32-9	Acenaphthene		1.2	1.0	0.20	0.22	0.089
86-73-7	Fluorene		1.2	1.0	0.20	0.22	0.067
85-01-8	Phenanthrene		0.93	1.0	0.20	0.22	0.089
120-12-7	Anthracene	U	0.22	1.0	0.20	0.22	0.089
206-44-0	Fluoranthene	U	0.22	1.0	0.20	0.22	0.12
129-00-0	Pyrene		0.60	1.0	0.20	0.22	0.10
56-55-3	Benzo(a)anthracene	J	0.16	1.0	0.20	0.22	0.13
218-01-9	Chrysene		0.26	1.0	0.20	0.22	0.078
205-99-2	Benzo(b)fluoranthene	U	0.22	1.0	0.20	0.22	0.10
207-08-9	Benzo(k)fluoranthene	U	0.22	1.0	0.20	0.22	0.089
50-32-8	Benzo(a)pyrene	U	0.22	1.0	0.20	0.22	0.10
193-39-5	Indeno(1,2,3-cd)pyrene	J	0.20	1.0	0.20	0.22	0.11
53-70-3	Dibenzo(a,h)anthracene	U	0.22	1.0	0.20	0.22	0.17
191-24-2	Benzo(g,h,i)perylene	J	0.15	1.0	0.20	0.22	0.089
90-12-0	1-Methylnaphthalene	E	7.8	1.0	0.20	0.22	0.089
7297-45-2	2-Methylnaphthalene-d10		68%				
81103-79-9	Fluorene-d10		42%				
1718-52-1	Pyrene-d10		42%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-12DL
Client ID: KWFCGS-37-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	J	1.7	10	0.20	2.2	0.56
91-57-6	2-Methylnaphthalene		15	10	0.20	2.2	0.89
208-96-8	Acenaphthylene	U	2.2	10	0.20	2.2	0.56
83-32-9	Acenaphthene	U	2.2	10	0.20	2.2	0.89
86-73-7	Fluorene		2.5	10	0.20	2.2	0.67
85-01-8	Phenanthrene	U	2.2	10	0.20	2.2	0.89
120-12-7	Anthracene	U	2.2	10	0.20	2.2	0.89
206-44-0	Fluoranthene	U	2.2	10	0.20	2.2	1.2
129-00-0	Pyrene	U	2.2	10	0.20	2.2	1.0
56-55-3	Benzo(a)anthracene	U	2.2	10	0.20	2.2	1.3
218-01-9	Chrysene	U	2.2	10	0.20	2.2	0.78
205-99-2	Benzo(b)fluoranthene	U	2.2	10	0.20	2.2	1.0
207-08-9	Benzo(k)fluoranthene	U	2.2	10	0.20	2.2	0.89
50-32-8	Benzo(a)pyrene	U	2.2	10	0.20	2.2	1.0
193-39-5	Indeno(1,2,3-cd)pyrene	U	2.2	10	0.20	2.2	1.1
53-70-3	Dibenzo(a,h)anthracene	U	2.2	10	0.20	2.2	1.7
191-24-2	Benzo(g,h,i)perylene	U	2.2	10	0.20	2.2	0.89
90-12-0	1-Methylnaphthalene		12	10	0.20	2.2	0.89
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-14RA
Client ID: KWFCGS-38-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	5.7	1.0	0.20	0.20	0.049
91-57-6	2-Methylnaphthalene	E	16	1.0	0.20	0.20	0.078
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.049
83-32-9	Acenaphthene		0.21	1.0	0.20	0.20	0.078
86-73-7	Fluorene		0.35	1.0	0.20	0.20	0.059
85-01-8	Phenanthrene		0.28	1.0	0.20	0.20	0.078
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.078
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.088
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.069
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.088
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.078
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.088
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.098
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.078
90-12-0	1-Methylnaphthalene	E	18	1.0	0.20	0.20	0.078
7297-45-2	2-Methylnaphthalene-d10		125%				
81103-79-9	Fluorene-d10		105%				
1718-52-1	Pyrene-d10		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-14DL
Client ID: KWFCGS-38-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		6.0	10	0.20	2.0	0.49
91-57-6	2-Methylnaphthalene		18	10	0.20	2.0	0.78
208-96-8	Acenaphthylene	U	2.0	10	0.20	2.0	0.49
83-32-9	Acenaphthene	U	2.0	10	0.20	2.0	0.78
86-73-7	Fluorene	U	2.0	10	0.20	2.0	0.59
85-01-8	Phenanthrene	U	2.0	10	0.20	2.0	0.78
120-12-7	Anthracene	U	2.0	10	0.20	2.0	0.78
206-44-0	Fluoranthene	U	2.0	10	0.20	2.0	1.1
129-00-0	Pyrene	U	2.0	10	0.20	2.0	0.88
56-55-3	Benzo(a)anthracene	U	2.0	10	0.20	2.0	1.2
218-01-9	Chrysene	U	2.0	10	0.20	2.0	0.69
205-99-2	Benzo(b)fluoranthene	U	2.0	10	0.20	2.0	0.88
207-08-9	Benzo(k)fluoranthene	U	2.0	10	0.20	2.0	0.78
50-32-8	Benzo(a)pyrene	U	2.0	10	0.20	2.0	0.88
193-39-5	Indeno(1,2,3-cd)pyrene	U	2.0	10	0.20	2.0	0.98
53-70-3	Dibenzo(a,h)anthracene	U	2.0	10	0.20	2.0	1.5
191-24-2	Benzo(g,h,i)perylene	U	2.0	10	0.20	2.0	0.78
90-12-0	1-Methylnaphthalene		19	10	0.20	2.0	0.78
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/12/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-2
Client ID: KWFCGS-40-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	160	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	130	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	J	0.15	1.0	0.20	0.20	0.077
86-73-7	Fluorene	J	0.14	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	63	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		98%				
81103-79-9	Fluorene-d10		55%				
1718-52-1	Pyrene-d10		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/12/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-2
Client ID: KWFCGS-40-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	160	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	130	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	J	0.15	1.0	0.20	0.20	0.077
86-73-7	Fluorene	J	0.14	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	63	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		98%				
81103-79-9	Fluorene-d10		55%				
1718-52-1	Pyrene-d10		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-2DL
Client ID: KWFCGS-40-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		580	250	0.20	48	12
91-57-6	2-Methylnaphthalene		170	250	0.20	48	19
208-96-8	Acenaphthylene	U	48	250	0.20	48	12
83-32-9	Acenaphthene	U	48	250	0.20	48	19
86-73-7	Fluorene	U	48	250	0.20	48	14
85-01-8	Phenanthrene	U	48	250	0.20	48	19
120-12-7	Anthracene	U	48	250	0.20	48	19
206-44-0	Fluoranthene	U	48	250	0.20	48	26
129-00-0	Pyrene	U	48	250	0.20	48	22
56-55-3	Benzo(a)anthracene	U	48	250	0.20	48	29
218-01-9	Chrysene	U	48	250	0.20	48	17
205-99-2	Benzo(b)fluoranthene	U	48	250	0.20	48	22
207-08-9	Benzo(k)fluoranthene	U	48	250	0.20	48	19
50-32-8	Benzo(a)pyrene	U	48	250	0.20	48	22
193-39-5	Indeno(1,2,3-cd)pyrene	U	48	250	0.20	48	24
53-70-3	Dibenzo(a,h)anthracene	U	48	250	0.20	48	36
191-24-2	Benzo(g,h,i)perylene	U	48	250	0.20	48	19
90-12-0	1-Methylnaphthalene		86	250	0.20	48	19
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-15
Client ID: KWFCGS-42-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	13	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	19	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	J	0.078	1.0	0.20	0.20	0.077
86-73-7	Fluorene	J	0.067	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	10	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		100%				
81103-79-9	Fluorene-d10		89%				
1718-52-1	Pyrene-d10		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-15DL
Client ID: KWFCGS-42-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		17	10	0.20	1.9	0.48
91-57-6	2-Methylnaphthalene		24	10	0.20	1.9	0.77
208-96-8	Acenaphthylene	U	1.9	10	0.20	1.9	0.48
83-32-9	Acenaphthene	U	1.9	10	0.20	1.9	0.77
86-73-7	Fluorene	U	1.9	10	0.20	1.9	0.58
85-01-8	Phenanthrene	U	1.9	10	0.20	1.9	0.77
120-12-7	Anthracene	U	1.9	10	0.20	1.9	0.77
206-44-0	Fluoranthene	U	1.9	10	0.20	1.9	1.0
129-00-0	Pyrene	U	1.9	10	0.20	1.9	0.86
56-55-3	Benzo(a)anthracene	U	1.9	10	0.20	1.9	1.2
218-01-9	Chrysene	U	1.9	10	0.20	1.9	0.67
205-99-2	Benzo(b)fluoranthene	U	1.9	10	0.20	1.9	0.86
207-08-9	Benzo(k)fluoranthene	U	1.9	10	0.20	1.9	0.77
50-32-8	Benzo(a)pyrene	U	1.9	10	0.20	1.9	0.86
193-39-5	Indeno(1,2,3-cd)pyrene	U	1.9	10	0.20	1.9	0.96
53-70-3	Dibenzo(a,h)anthracene	U	1.9	10	0.20	1.9	1.4
191-24-2	Benzo(g,h,i)perylene	U	1.9	10	0.20	1.9	0.77
90-12-0	1-Methylnaphthalene		12	10	0.20	1.9	0.77
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-18
Client ID: KWFCGS-49-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	28	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene	E	32	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene		0.75	1.0	0.20	0.20	0.077
86-73-7	Fluorene		0.38	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene		0.28	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	J	0.11	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene	E	18	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		51%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/18/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-18DL
Client ID: KWFCGS-49-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		760	400	0.20	77	19
91-57-6	2-Methylnaphthalene		140	400	0.20	77	31
208-96-8	Acenaphthylene	U	77	400	0.20	77	19
83-32-9	Acenaphthene	U	77	400	0.20	77	31
86-73-7	Fluorene	U	77	400	0.20	77	23
85-01-8	Phenanthrene	U	77	400	0.20	77	31
120-12-7	Anthracene	U	77	400	0.20	77	31
206-44-0	Fluoranthene	U	77	400	0.20	77	42
129-00-0	Pyrene	U	77	400	0.20	77	35
56-55-3	Benzo(a)anthracene	U	77	400	0.20	77	46
218-01-9	Chrysene	U	77	400	0.20	77	27
205-99-2	Benzo(b)fluoranthene	U	77	400	0.20	77	35
207-08-9	Benzo(k)fluoranthene	U	77	400	0.20	77	31
50-32-8	Benzo(a)pyrene	U	77	400	0.20	77	35
193-39-5	Indeno(1,2,3-cd)pyrene	U	77	400	0.20	77	38
53-70-3	Dibenzo(a,h)anthracene	U	77	400	0.20	77	58
191-24-2	Benzo(g,h,i)perylene	U	77	400	0.20	77	31
90-12-0	1-Methylnaphthalene		84	400	0.20	77	31
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-3RA
Client ID: KWFCGS-50-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	63	1.0	0.20	0.21	0.052
91-57-6	2-Methylnaphthalene	E	31	1.0	0.20	0.21	0.083
208-96-8	Acenaphthylene	U	0.21	1.0	0.20	0.21	0.052
83-32-9	Acenaphthene	U	0.21	1.0	0.20	0.21	0.083
86-73-7	Fluorene	J	0.18	1.0	0.20	0.21	0.062
85-01-8	Phenanthrene	U	0.21	1.0	0.20	0.21	0.083
120-12-7	Anthracene	U	0.21	1.0	0.20	0.21	0.083
206-44-0	Fluoranthene	U	0.21	1.0	0.20	0.21	0.11
129-00-0	Pyrene	U	0.21	1.0	0.20	0.21	0.094
56-55-3	Benzo(a)anthracene	U	0.21	1.0	0.20	0.21	0.12
218-01-9	Chrysene	U	0.21	1.0	0.20	0.21	0.073
205-99-2	Benzo(b)fluoranthene	U	0.21	1.0	0.20	0.21	0.094
207-08-9	Benzo(k)fluoranthene	U	0.21	1.0	0.20	0.21	0.083
50-32-8	Benzo(a)pyrene	U	0.21	1.0	0.20	0.21	0.094
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.21	1.0	0.20	0.21	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.21	1.0	0.20	0.21	0.16
191-24-2	Benzo(g,h,i)perylene	U	0.21	1.0	0.20	0.21	0.083
90-12-0	1-Methylnaphthalene	E	17	1.0	0.20	0.21	0.083
7297-45-2	2-Methylnaphthalene-d10		70%				
81103-79-9	Fluorene-d10		90%				
1718-52-1	Pyrene-d10		*176%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-3DL
Client ID: KWFCGS-50-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		120	100	0.20	21	5.2
91-57-6	2-Methylnaphthalene		35	100	0.20	21	8.3
208-96-8	Acenaphthylene	U	21	100	0.20	21	5.2
83-32-9	Acenaphthene	U	21	100	0.20	21	8.3
86-73-7	Fluorene	U	21	100	0.20	21	6.2
85-01-8	Phenanthrene	U	21	100	0.20	21	8.3
120-12-7	Anthracene	U	21	100	0.20	21	8.3
206-44-0	Fluoranthene	U	21	100	0.20	21	11
129-00-0	Pyrene	U	21	100	0.20	21	9.4
56-55-3	Benzo(a)anthracene	U	21	100	0.20	21	12
218-01-9	Chrysene	U	21	100	0.20	21	7.3
205-99-2	Benzo(b)fluoranthene	U	21	100	0.20	21	9.4
207-08-9	Benzo(k)fluoranthene	U	21	100	0.20	21	8.3
50-32-8	Benzo(a)pyrene	U	21	100	0.20	21	9.4
193-39-5	Indeno(1,2,3-cd)pyrene	U	21	100	0.20	21	10
53-70-3	Dibenzo(a,h)anthracene	U	21	100	0.20	21	16
191-24-2	Benzo(g,h,i)perylene	U	21	100	0.20	21	8.3
90-12-0	1-Methylnaphthalene		26	100	0.20	21	8.3
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/12/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-4
Client ID: KWFCGS-54-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	E	63	1.0	0.20	0.21	0.052
91-57-6	2-Methylnaphthalene	E	17	1.0	0.20	0.21	0.083
208-96-8	Acenaphthylene	U	0.21	1.0	0.20	0.21	0.052
83-32-9	Acenaphthene	J	0.089	1.0	0.20	0.21	0.083
86-73-7	Fluorene	U	0.21	1.0	0.20	0.21	0.062
85-01-8	Phenanthrene	U	0.21	1.0	0.20	0.21	0.083
120-12-7	Anthracene	U	0.21	1.0	0.20	0.21	0.083
206-44-0	Fluoranthene	U	0.21	1.0	0.20	0.21	0.11
129-00-0	Pyrene	U	0.21	1.0	0.20	0.21	0.094
56-55-3	Benzo(a)anthracene	U	0.21	1.0	0.20	0.21	0.12
218-01-9	Chrysene	U	0.21	1.0	0.20	0.21	0.073
205-99-2	Benzo(b)fluoranthene	U	0.21	1.0	0.20	0.21	0.094
207-08-9	Benzo(k)fluoranthene	U	0.21	1.0	0.20	0.21	0.083
50-32-8	Benzo(a)pyrene	U	0.21	1.0	0.20	0.21	0.094
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.21	1.0	0.20	0.21	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.21	1.0	0.20	0.21	0.16
191-24-2	Benzo(g,h,i)perylene	U	0.21	1.0	0.20	0.21	0.083
90-12-0	1-Methylnaphthalene	E	13	1.0	0.20	0.21	0.083
7297-45-2	2-Methylnaphthalene-d10		72%				
81103-79-9	Fluorene-d10		65%				
1718-52-1	Pyrene-d10		127%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-4DL
Client ID: KWFCGS-54-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		71	25	0.20	5.2	1.3
91-57-6	2-Methylnaphthalene		17	25	0.20	5.2	2.1
208-96-8	Acenaphthylene	U	5.2	25	0.20	5.2	1.3
83-32-9	Acenaphthene	U	5.2	25	0.20	5.2	2.1
86-73-7	Fluorene	U	5.2	25	0.20	5.2	1.6
85-01-8	Phenanthrene	U	5.2	25	0.20	5.2	2.1
120-12-7	Anthracene	U	5.2	25	0.20	5.2	2.1
206-44-0	Fluoranthene	U	5.2	25	0.20	5.2	2.9
129-00-0	Pyrene	U	5.2	25	0.20	5.2	2.3
56-55-3	Benzo(a)anthracene	U	5.2	25	0.20	5.2	3.1
218-01-9	Chrysene	U	5.2	25	0.20	5.2	1.8
205-99-2	Benzo(b)fluoranthene	U	5.2	25	0.20	5.2	2.3
207-08-9	Benzo(k)fluoranthene	U	5.2	25	0.20	5.2	2.1
50-32-8	Benzo(a)pyrene	U	5.2	25	0.20	5.2	2.3
193-39-5	Indeno(1,2,3-cd)pyrene	U	5.2	25	0.20	5.2	2.6
53-70-3	Dibenzo(a,h)anthracene	U	5.2	25	0.20	5.2	3.9
191-24-2	Benzo(g,h,i)perylene	U	5.2	25	0.20	5.2	2.1
90-12-0	1-Methylnaphthalene		13	25	0.20	5.2	2.1
7297-45-2	2-Methylnaphthalene-d10		D				
81103-79-9	Fluorene-d10		D				
1718-52-1	Pyrene-d10		D				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/12/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-5
Client ID: KWFCGS-55-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	J	0.11	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene	J	0.091	1.0	0.20	0.20	0.081
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.081
86-73-7	Fluorene	J	0.16	1.0	0.20	0.20	0.061
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.081
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.081
206-44-0	Fluoranthene	J	0.11	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.091
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.071
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.091
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.081
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.091
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.081
90-12-0	1-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.081
7297-45-2	2-Methylnaphthalene-d10		87%				
81103-79-9	Fluorene-d10		83%				
1718-52-1	Pyrene-d10		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/17/04
Received Date: 07/20/04
Extraction Date: 07/21/04
Analysis Date: 08/17/04
Report Date: 08/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-5RA
Client ID: KWFCGS-55-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	J	0.12	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene	J	0.12	1.0	0.20	0.20	0.081
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene	J	0.087	1.0	0.20	0.20	0.081
86-73-7	Fluorene		0.24	1.0	0.20	0.20	0.061
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.081
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.081
206-44-0	Fluoranthene		0.22	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.091
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.071
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.091
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.081
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.091
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.081
90-12-0	1-Methylnaphthalene	J	0.16	1.0	0.20	0.20	0.081
7297-45-2	2-Methylnaphthalene-d10		100%				
81103-79-9	Fluorene-d10		110%				
1718-52-1	Pyrene-d10		*183%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-16
Client ID: KWFCGS-58-0704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene		1.1	1.0	0.20	0.20	0.048
91-57-6	2-Methylnaphthalene		0.33	1.0	0.20	0.20	0.077
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.048
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.077
86-73-7	Fluorene	U	0.20	1.0	0.20	0.20	0.058
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.077
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.077
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.086
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.067
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.086
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.077
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.086
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.096
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.077
90-12-0	1-Methylnaphthalene		0.39	1.0	0.20	0.20	0.077
7297-45-2	2-Methylnaphthalene-d10		85%				
81103-79-9	Fluorene-d10		87%				
1718-52-1	Pyrene-d10		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/19/04
Received Date: 07/20/04
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU2178-21RA
Client ID: KWFCRB010704
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	J	0.10	1.0	0.20	0.20	0.047
91-57-6	2-Methylnaphthalene	J	0.13	1.0	0.20	0.20	0.075
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.047
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.075
86-73-7	Fluorene	J	0.15	1.0	0.20	0.20	0.057
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.075
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.075
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.10
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.085
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.11
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.066
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.085
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.075
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.085
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.094
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.14
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.075
90-12-0	1-Methylnaphthalene	J	0.12	1.0	0.20	0.20	0.075
7297-45-2	2-Methylnaphthalene-d10		82%				
81103-79-9	Fluorene-d10		88%				
1718-52-1	Pyrene-d10		*152%				

APPENDIX C

SUPPORT DOCUMENTATION

Samchuck, Joseph

From: McRee, Emily
Sent: Tuesday, September 14, 2004 2:20 PM
To: Samchuck, Joseph
Subject: RE: Katahdin samples
Categories: Business

You're right.

FD01 matches SB46
FD03 matches GS32

Sorry about that.

From: Samchuck, Joseph
Sent: Tuesday, September 14, 2004 11:50 AM
To: McRee, Emily
Subject: RE: Katahdin samples

Hi Emily,

What is the corresponding duplicate of Soil sample KWFCFD01-0704? Is there any possibility that this sample was mis-identified as FD03 below? Samples FD01 and SB46 were collected on 7/20.
Thanks.

Joe

From: McRee, Emily
Sent: Wednesday, August 18, 2004 2:18 PM
To: Samchuck, Joseph
Cc: Thomson, Amy; Murphy, Elizabeth
Subject: Katahdin samples

Joe, you should start receiving sample data probably next week from Katahdin for CTOs 351 and 297. (This is not the CTO 349 quick turn super fast tracked data you have been working on)

297 samples should begin in BCTF, TFS, or VP8
351 samples should begin in KWFC

Duplicate information is as follows

KW-DUP-01-0704 matches TFSGLMW0703
KW-DUP-02-0704 matches BCTFGLPMW2803
KWFCFD01-0704 matches KWFCGS-32-0704
KWFCFD02-0704 matches KWFCGS-42-0704
KWFCFD03-0704 matches KWFCSB46-0704

Let me know if you have any questions. Thanks.

Emily H. McRee
Environmental Engineer

FIELD DUPLICATE PRECISION							
ANALYTE	KWFCGS-32-0704	QUAL	KWFCFD01-0704	QUAL	RPD	DIFFERENCE	
Toluene	0.2	J	0.2	J	0.00	0	
Ethylbenzene	3		3		0.00	0	
o-Xylene	0.4	J	0.4	J	0.00	0	
m&p-Xylene	4		4		0.00	0	
Total Xylenes	5		5		0.00	0	
Naphthalene	8.6		9		4.55	0.4	
2-Methylnaphthalene	34		43		23.38	9	
Acenaphthene	0.48		0.44		8.70	0.04	
Fluorene	0.55		0.52		5.61	0.03	
Phenanthrene	0.17	J	0.14	J	19.35	0.03	
1-Methylnaphthalene	22		28		24.00	6	
ANALYTE	KWFCGS-42-0704	QUAL	KWFCFD02-0704	QUAL	RPD	DIFFERENCE	
Toluene	1	U	0.2	J	133.33	0.8	OK
Ethylbenzene	13		12		8.00	1	
o-Xylene	0.4	J	0.5	J	22.22	0.1	
m&p-Xylene	4		4		0.00	0	
Total Xylenes	5		5		0.00	0	
Naphthalene	17		11		42.86	6	
2-Methylnaphthalene	24		19		23.26	5	
Acenaphthene	0.078	J	1	U	171.06	0.922	OK
Fluorene	0.067	J	0.07	J	4.38	0.003	
1-Methylnaphthalene	12		10		18.18	2	

HOLDTIME

SDG 3512

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-49-0704	WU2178-018	NM	07/19/2004	08/12/2004	08/17/2004	24	5	29
M	UG/L	KWFCFD01-0704	WU2178-019	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCRB010704	WU2178-021	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCGS-58-0704	WU2178-016	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-55-0704	WU2178-005	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-50-0704	WU2178-003	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-42-0704	WU2178-015	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-40-0704	WU2178-002	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-38-0704	WU2178-014	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-37-0704	WU2178-012	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-07-0704	WU2178-006	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-35-0704	WU2178-001	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-32-0704	WU2178-011	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-30-0704	WU2178-017	NM	07/19/2004	08/12/2004	08/17/2004	24	5	29
M	UG/L	KWFCGS-28-0704	WU2178-010	NM	07/18/2004	08/12/2004	08/16/2004	25	4	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-27-0704	WU2178-009	NM	07/18/2004	08/12/2004	08/16/2004	25	4	29
M	UG/L	KWFCGS-26-0704	WU2178-008	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-22-0704	WU2178-007	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-36-0704	WU2178-013	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCFD02-0704	WU2178-020	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCGS-54-0704	WU2178-004	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
OS	%	KWFCGS-40-0704-PAH	WU2178-2	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-42-0704-PAH	WU2178-15	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-49-0704-PAH	WU2178-18	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-50-0704RA-PA	WU2178-3RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCGS-54-0704-PAH	WU2178-4	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-55-0704-PAH	WU2178-5	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-55-0704RA-PA	WU2178-5RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCRB010704RA-PAH	WU2178-21RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	%	KWFCGS-38-0704RA-PA	WU2178-14RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	%	KWFCGS-27-0704-PAH	WU2178-9	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-58-0704-PAH	WU2178-16	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-22-0704-PAH	WU2178-7	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	KWFCGS-30-0704-PAH	WU2178-17	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-37-0704RA-PA	WU2178-12RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	%	KWFCGS-07-0704-PAH	WU2178-6	NM	07/18/2004	07/21/2004	08/12/2004	3	22	25
OS	%	KWFCFD01-0704-PAH	WU2178-19	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-26-0704-PAH	WU2178-8	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-28-0704-PAH	WU2178-10	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-32-0704RA-PA	WU2178-11RA	NM	07/19/2004	07/21/2004	08/17/2004	2	27	29
OS	%	KWFCGS-35-0704RA-PA	WU2178-1RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCGS-36-0704RA-PA	WU2178-13RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	%	KWFCFD02-0704RA-PAH	WU2178-20RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-35-0704RA-PA	WU2178-1RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-27-0704-PAH	WU2178-9	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-32-0704RA-PA	WU2178-11RA	NM	07/19/2004	07/21/2004	08/17/2004	2	27	29
OS	UG/L	KWFCGS-30-0704-PAH	WU2178-17	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-28-0704-PAH	WU2178-10	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-26-0704-PAH	WU2178-8	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-22-0704-PAH	WU2178-7	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-07-0704-PAH	WU2178-6	NM	07/18/2004	07/21/2004	08/12/2004	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	KWFCFD01-0704-PAH	WU2178-19	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-38-0704RA-PA	WU2178-14RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCFD02-0704RA-PAH	WU2178-20RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-58-0704-PAH	WU2178-16	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-37-0704RA-PA	WU2178-12RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	UG/L	KWFCGS-36-0704RA-PA	WU2178-13RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	UG/L	KWFCRB010704RA-PAH	WU2178-21RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-55-0704RA-PA	WU2178-5RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-55-0704-PAH	WU2178-5	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	UG/L	KWFCGS-54-0704-PAH	WU2178-4	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	UG/L	KWFCGS-50-0704RA-PA	WU2178-3RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-49-0704-PAH	WU2178-18	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-42-0704-PAH	WU2178-15	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-40-0704-PAH	WU2178-2	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OV	%	KWFCGS-49-0704	WU2178-18	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-37-0704	WU2178-12	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-58-0704	WU2178-16	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-55-0704	WU2178-5	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	KWFCGS-50-0704	WU2178-3RA2	NM	07/17/2004	07/23/2004	07/23/2004	6	0	6
OV	%	KWFCTB010704	WU2178-22	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-42-0704	WU2178-15	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-40-0704	WU2178-2	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCGS-38-0704	WU2178-14	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	%	KWFCRB010704	WU2178-21	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-22-0704RA	WU2178-7RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCGS-54-0704	WU2178-4	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCGS-36-0704	WU2178-13	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	%	KWFCGS-07-0704RA	WU2178-6RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCFD01-0704	WU2178-19	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	%	KWFCGS-26-0704	WU2178-8	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	%	KWFCGS-27-0704RA	WU2178-9RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCGS-28-0704DL2	WU2178-10DL2	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	%	KWFCGS-30-0704	WU2178-17	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-32-0704	WU2178-11	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-35-0704	WU2178-1	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCFD02-0704	WU2178-20	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	KWFCGS-38-0704	WU2178-14	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	UG/L	KWFCGS-40-0704	WU2178-2	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-42-0704	WU2178-15	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCGS-49-0704	WU2178-18	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-50-0704	WU2178-3RA2	NM	07/17/2004	07/23/2004	07/23/2004	6	0	6
OV	UG/L	KWFCGS-54-0704	WU2178-4	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-55-0704	WU2178-5	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-37-0704	WU2178-12	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCRB010704	WU2178-21	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-26-0704	WU2178-8	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	UG/L	KWFCGS-58-0704	WU2178-16	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-36-0704	WU2178-13	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	UG/L	KWFCGS-35-0704	WU2178-1	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-32-0704	WU2178-11	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCGS-30-0704	WU2178-17	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-27-0704RA	WU2178-9RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	UG/L	KWFCGS-22-0704RA	WU2178-7RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	UG/L	KWFCGS-07-0704RA	WU2178-6RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	KWFCFD02-0704	WU2178-20	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	UG/L	KWFCFD01-0704	WU2178-19	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	UG/L	KWFCTB010704	WU2178-22	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-28-0704DL2	WU2178-10DL2	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE NAS KEY WEST; SDG: CTO351-2
WU2178
TASK ORDER MANAGER: CHARLES BRYAN

Sample Receipt

The following samples were received on July 20, 2004 and were logged in under Katahdin Analytical Services work order number WU2178 for a hardcopy due date of August 15, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU2178-1	KWFCGS-35-0704
WU2178-2	KWFCGS-40-0704
WU2178-3	KWFCGS-50-0704
WU2178-4	KWFCGS-54-0704
WU2178-5	KWFCGS-55-0704
WU2178-6	KWFCGS-07-0704
WU2178-7	KWFCGS-22-0704
WU2178-8	KWFCGS-26-0704
WU2178-9	KWFCGS-27-0704
WU2178-10	KWFCGS-28-0704
WU2178-11	KWFCGS-32-0704
WU2178-12	KWFCGS-37-0704
WU2178-13	KWFCGS-36-0704
WU2178-14	KWFCGS-38-0704
WU2178-15	KWFCGS-42-0704
WU2178-16	KWFCGS-58-0704
WU2178-17	KWFCGS-30-0704
WU2178-18	KWFCGS-49-0704
WU2178-19	KWFCFD01-0704
WU2178-20	KWFCFD02-0704
WU2178-21	KWFCRB010704
WU2178-22	KWFCTB010704

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO351-2 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. Sample WU2178-16 was used as the matrix spike (MS) and matrix spike duplicate sample (MSD) per the client's request. All have been flagged with a "M" (software-generated) on the pertinent quantitation report.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The MS and MSD of sample WU2178-16 had several recoveries that were high and/or low and were outside of the laboratory established acceptance limits. This resulted in several RPD's that were above the laboratory acceptance limits. The MS/MSD was not reanalzyed because the associated LCS's met the laboratory established acceptance limits. Sample WU2178-18 was also analyzed as an MS/MSD and is included with the package.

Sample WU2178-10 was diluted due to matrix interference, sample viscosity or other matrix-related problem.

8270M SIM Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are nominal limits for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits.

Sample WU2178-4 had a low response for one or more internal standards, which was outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration verification standard. The sample was analyzed at dilution with similar results and was therefore not reanalyzed undiluted.

Sample WU2178-18 had a high response for four internal standards, which were outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration

verification standard. Since the diluted analysis had acceptable internal standard responses, the sample was not reanalyzed.

Samples WU2178-2DL, 3DL, 6DL, 8DL, 9DL, 11DL, 13DL and 17DL had low responses for one or more internal standards, which were outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration verification standard. Since the undiluted analyses had acceptable internal standard responses, the samples were not reanalyzed.

Sample WU2178-5 had a high response for one or more internal standards, which were outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration verification standard. This sample was reanalyzed with similar results. Results for both analyses are reported.

There were four initial calibrations performed for this SDG. The initial calibration analyzed on the K instrument on 08/12/04 had %RSD values for three analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The analytes pyrene and benzo(a)anthracene also failed for the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The initial calibration analyzed on the X instrument on 08/11/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The target analytes fluoranthene, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene and benzo(g,h,i)perylene also failed the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The initial calibration analyzed on the X instrument on 08/16/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The target analytes acenaphthene, benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(g,h,i)perylene also failed the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The laboratory method blank WG8775-1RA2 had a high recovery for one surrogate, which was outside the laboratory nominal limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL, the sample was not reanalyzed.

Samples WU2178-3RA, 5RA, 7, 11RA, 13RA and 21RA had high recoveries for one surrogate, which were outside the laboratory nominal limits.

There were no other protocol deviations or observations noted by the organic laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO351-2 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample Nos. WU2178-(1-21) were digested for ICP analysis on 08/12/04 (QC Batches UH12ICW0 and UH12ICW1) in accordance with USEPA Method 3010. Katahdin Sample No. WU2178-16 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO351-2 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Matrix QC Summary

The recoveries for lead in the matrix-spike duplicate aliquots of Katahdin Sample No. WU2178-16 are within the laboratory's acceptance criteria (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analysis of Katahdin Sample No. WU2178-16 for lead is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots).

The serial dilution analysis of Katahdin Sample No. WU2178-16 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for lead.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

María Crouch
09.01.04
María Crouch
Quality Assurance Officer

WW2178

TETRA TECH NUS, INC.

CHAIN OF CUSTODY | NUMBER 3885 | PAGE 1 OF 2

2, 3, 6

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943	FLYING CLUB - KEY WEST	CHUCK BRYAN	(803) 649-7963	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(954) 570-5885	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fed Ex / 8425 8908 7855		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	PPL VOCs BTEX MTBE	PAH's	LEAD						COMMENTS
7/17/04	15:15	KWFCGS-35-0704	SB-35			GW	G	6	X	X	X						VOC's not preserved
	14:30	KWFCGS-40-0704	SB-40					6	X	X	X						
	13:45	KWFCGS-50-0704	SB-50					6	X	X	X						
	13:15	KWFCGS-54-0704	SB-54					6	X	X	X						
	11:30	KWFCGS-55-0704	SB-55					6	X	X	X						
7/18/04	10:15	KWFCGS-07-0704	SB-07					6	X	X	X						
	9:45	KWFCGS-22-0704	SB-22					6	X	X	X						
	9:15	KWFCGS-26-0704	SB-26					6	X	X	X						
	8:45	KWFCGS-27-0704	SB-27					6	X	X	X						
	8:15	KWFCGS-28-0704	SB-28					6	X	X	X						
7/19/04	8:30	KWFCGS-32-0704	SB-32					6	X	X	X						
	9:15	KWFCGS-37-0704	SB-37					6	X	X	X						
	9:45	KWFCGS-36-0704	SB-36					6	X	X	X						

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Braganza	7/19/04		1. RECEIVED BY [illegible]	7/20/04	0840
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

010000

WU2178

TETRA TECH NUS, INC. CHAIN OF CUSTODY NUMBER 3705 PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943	FLYING CLUB-KEY WEST	CHUCK BRYAN	(803)649-7963	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Bragan		GARY BRAGANZA	(954)570-5885	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fedex / 8425 8908 7855		WESTBROOK, ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	PPL VOC's BTEX + MTBE	PAH's	LEAD					COMMENTS
7/19	10:30	KWFCGS-38-0704	SB-38			GW	G	6	X	X	X					VOC's not preserved
	12:00	KWFCGS-42-0704	SB-42					6	X	X	X					
	13:45	KWFCGS-58-0704	SB-58					14	X	X	X					MS/MSD
	14:15	KWFCGS-30-0704	SB-30					6	X	X	X					VOC's not preserved
		KWFCGS-49-0704	SB-49					6	X	X	X					
		KWFCFD01-0704						6	X	X	X					
		KWFCFD02-0704						6	X	X	X					
	15:15	KWFCRB010704						6	X	X	X					
		KWFCTB010704						6	X							TRIP BLANK

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Bragan	7/19/04		1. RECEIVED BY Daniel Fitz	7/20/04	0840
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

000001

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES, Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG8717-LCS	WG8717-1	96	87	84	95	0
02	WG8717-BLANK	WG8717-2	97	77	108	100	0
03	KWFCGS-35-0704	WU2178-1	96	82	91	90	0
04	KWFCGS-40-0704	WU2178-2	79	100	78	85	0
05	KWFCGS-54-0704	WU2178-4	94	85	100	114	0
06	KWFCGS-55-0704	WU2178-5	90	79	111	97	0
07	KWFCGS-36-0704	WU2178-13	101	82	87	89	0
08	KWFCGS-38-0704	WU2178-14	94	81	88	104	0
09	WG8742-LCS	WG8742-1	98	88	97	95	0
10	WG8742-BLANK	WG8742-2	100	76	92	93	0
11	KWFCTB010704	WU2178-22	97	80	89	101	0
12	KWFCGS-40-0704	WU2178-2DL	90	81	93	85	0
13	KWFCRB010704	WU2178-21	102	78	95	96	0
14	KWFCGS-49-0704	WU2178-18	77	90	92	103	0
15	KWFCGS-30-0704	WU2178-17	99	98	114	113	0
16	KWFCGS-58-0704	WU2178-16	102	79	89	106	0
17	KWFCGS-27-0704	WU2178-9RA	104	82	107	109	0
18	KWFCGS-07-0704	WU2178-6RA	99	81	103	117	0
19	KWFCGS-22-0704	WU2178-7RA	84	77	109	99	0
20	KWFCGS-58-0704MS	WG8742-3	105	81	91	95	0
21	KWFCGS-58-0704MSD	WG8742-4	89	78	95	97	0
22	WG8772-LCS	WG8772-1	96	94	102	104	0
23	WG8772-BLANK	WG8772-2	84	89	98	102	0
24	KWFCGS-50-0704	WU2178-3RA2	88	87	100	102	0
25	KWFCGS-26-0704	WU2178-8	87	90	102	102	0
26	KWFCGS-37-0704	WU2178-12	88	90	101	102	0
27	KWFCGS-32-0704	WU2178-11	91	88	101	102	0
28	KWFCGS-42-0704	WU2178-15	87	90	101	101	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES, Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	KWFCGS-28-0704	WU2178-10DL2	93	92	102	102	0
02	WG8791-LCS	WG8791-1	94	88	99	102	0
03	WG8791-BLANK	WG8791-2	92	89	100	102	0
04	KWFCFD01-0704	WU2178-19	93	85	100	104	0
05	KWFCFD02-0704	WU2178-20	86	83	102	105	0
06	KWFCGS-49-0704MS	WG8791-3	87	108	102	104	0
07	KWFCGS-49-0704MSD	WG8791-4	94	74*	102	102	1
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		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8717-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: S2144 Lab Sample ID: WG8717-2

Date Analyzed: 07/21/04 Time Analyzed: 1043

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8717-LCS	WG8717-1	S2142	07/21/04	0923
02	KWFCGS-35-0704	WU2178-1	S2145	07/21/04	1124
03	KWFCGS-40-0704	WU2178-2	S2146	07/21/04	1159
04	KWFCGS-54-0704	WU2178-4	S2148	07/21/04	1309
05	KWFCGS-55-0704	WU2178-5	S2149	07/21/04	1344
06	KWFCGS-36-0704	WU2178-13	S2150	07/21/04	1419
07	KWFCGS-38-0704	WU2178-14	S2151	07/21/04	1454
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8742-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: S2165 Lab Sample ID: WG8742-2

Date Analyzed: 07/22/04 Time Analyzed: 0922

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8742-LCS	WG8742-1	S2163	07/22/04	0808
02	KWFCTB010704	WU2178-22	S2166	07/22/04	1008
03	KWFCGS-40-0704	WU2178-2DL	S2167	07/22/04	1043
04	KWFCRB010704	WU2178-21	S2169	07/22/04	1153
05	KWFCGS-49-0704	WU2178-18	S2170	07/22/04	1228
06	KWFCGS-30-0704	WU2178-17	S2173	07/22/04	1413
07	KWFCGS-58-0704	WU2178-16	S2174	07/22/04	1448
08	KWFCGS-27-0704	WU2178-9RA	S2175	07/22/04	1523
09	KWFCGS-07-0704	WU2178-6RA	S2176	07/22/04	1558
10	KWFCGS-22-0704	WU2178-7RA	S2177	07/22/04	1633
11	KWFCGS-58-0704MS	WG8742-3	S2178	07/22/04	1708
12	KWFCGS-58-0704MSD	WG8742-4	S2179	07/22/04	1743
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8772-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: S2185 Lab Sample ID: WG8772-2

Date Analyzed: 07/23/04 Time Analyzed: 0910

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8772-LCS	WG8772-1	S2183	07/23/04	0756
02	KWFCGS-50-0704	WU2178-3RA2	S2187	07/23/04	1026
03	KWFCGS-26-0704	WU2178-8	S2188	07/23/04	1101
04	KWFCGS-37-0704	WU2178-12	S2189	07/23/04	1136
05	KWFCGS-32-0704	WU2178-11	S2190	07/23/04	1211
06	KWFCGS-42-0704	WU2178-15	S2191	07/23/04	1246
07	KWFCGS-28-0704	WU2178-10DL2	S2192	07/23/04	1321
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8791-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: S2206 Lab Sample ID: WG8791-2

Date Analyzed: 07/26/04 Time Analyzed: 1026

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8791-LCS	WG8791-1	S2204	07/26/04	0911
02	KWFCFD01-0704	WU2178-19	S2207	07/26/04	1105
03	KWFCFD02-0704	WU2178-20	S2208	07/26/04	1140
04	KWFCGS-49-0704MS	WG8791-3	S2221	07/26/04	1914
05	KWFCGS-49-0704MSD	WG8791-4	S2222	07/26/04	1949
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07/21/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8717-2
Client ID: WG8717-BLANK
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8717
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.6
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.6
75-00-3	Chloroethane	U	1	1.0	1	1	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		77%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07/22/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8742-2
Client ID: WG8742-BLANK
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8742
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.6
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.6
75-00-3	Chloroethane	U	1	1.0	1	1	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	J	0.9	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		76%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07/23/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8772-2
Client ID: WG8772-BLANK
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8772
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.6
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.6
75-00-3	Chloroethane	U	1	1.0	1	1	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride		4	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07/26/04
Report Date: 08/02/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8791-2
Client ID: WG8791-Blank
SDG: CTO351-2
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG8791
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	1	1.0	1	1	0.6
75-01-4	Vinyl chloride	U	1	1.0	1	1	0.2
74-83-9	Bromomethane	U	1	1.0	1	1	0.6
75-00-3	Chloroethane	U	1	1.0	1	1	0.2
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.1
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.4
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.1
1634-04-4	Methyl tert-butyl ether	U	2	1.0	2	2	0.2
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.09
67-66-3	Chloroform	U	1	1.0	1	1	0.1
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.1
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.2
71-43-2	Benzene	U	1	1.0	1	1	0.09
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.2
79-01-6	Trichloroethene	U	1	1.0	1	1	0.08
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.1
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.09
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.1
110-75-8	2-Chloroethylvinylether	U	1	1.0	1	1	0.2
108-88-3	Toluene	U	1	1.0	1	1	0.2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.2
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.1
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.08
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.09
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.5
	m+p-Xylenes	U	2	1.0	2	2	0.3
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
75-25-2	Bromoform	U	1	1.0	1	1	0.1
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		92%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		102%				

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: SB725 BFB Injection Date: 07/16/04

Instrument ID: GCMS-S BFB Injection Time: 1305

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	51.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	81.4
175	5.0 - 9.0% of mass 174	6.7 (8.2)1
176	95.0 - 101.0% of mass 174	78.4 (96.3)1
177	5.0 - 9.0% of mass 176	5.3 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD100S16A	S2088	07/16/04	1808
02		VSTD050S16B	S2089	07/16/04	1843
03		VSTD020S16B	S2090	07/16/04	1918
04		VSTD005S16B	S2091	07/16/04	1953
05		VSTD001S16D	S2093	07/16/04	2103
06		VSTD200S16B	S2094	07/16/04	2138
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: SB728 BFB Injection Date: 07/21/04

Instrument ID: GCMS-S BFB Injection Time: 0733

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.0
75	30.0 - 60.0% of mass 95	43.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	72.7
175	5.0 - 9.0% of mass 174	6.1 (8.4)1
176	95.0 - 101.0% of mass 174	70.4 (96.8)1
177	5.0 - 9.0% of mass 176	4.7 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S21A	S2140	07/21/04	0759
02	WG8717-LCS	WG8717-1	S2142	07/21/04	0923
03	WG8717-BLANK	WG8717-2	S2144	07/21/04	1043
04	KWFCGS-35-0704	WU2178-1	S2145	07/21/04	1124
05	KWFCGS-40-0704	WU2178-2	S2146	07/21/04	1159
06	KWFCGS-54-0704	WU2178-4	S2148	07/21/04	1309
07	KWFCGS-55-0704	WU2178-5	S2149	07/21/04	1344
08	KWFCGS-36-0704	WU2178-13	S2150	07/21/04	1419
09	KWFCGS-38-0704	WU2178-14	S2151	07/21/04	1454
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: SB729 BFB Injection Date: 07/22/04

Instrument ID: GCMS-S BFB Injection Time: 0659

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	46.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	88.2
175	5.0 - 9.0% of mass 174	4.5 (5.1)1
176	95.0 - 101.0% of mass 174	85.8 (97.3)1
177	5.0 - 9.0% of mass 176	5.5 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S22A	S2162	07/22/04	0728
02	WG8742-LCS	WG8742-1	S2163	07/22/04	0808
03	WG8742-BLANK	WG8742-2	S2165	07/22/04	0922
04	KWFCTB010704	WU2178-22	S2166	07/22/04	1008
05	KWFCGS-40-0704	WU2178-2DL	S2167	07/22/04	1043
06	KWFCRB010704	WU2178-21	S2169	07/22/04	1153
07	KWFCGS-49-0704	WU2178-18	S2170	07/22/04	1228
08	KWFCGS-30-0704	WU2178-17	S2173	07/22/04	1413
09	KWFCGS-58-0704	WU2178-16	S2174	07/22/04	1448
10	KWFCGS-27-0704	WU2178-9RA	S2175	07/22/04	1523
11	KWFCGS-07-0704	WU2178-6RA	S2176	07/22/04	1558
12	KWFCGS-22-0704	WU2178-7RA	S2177	07/22/04	1633
13	KWFCGS-58-0704MS	WG8742-3	S2178	07/22/04	1708
14	KWFCGS-58-0704MSD	WG8742-4	S2179	07/22/04	1743
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FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: SB730 BFB Injection Date: 07/23/04

Instrument ID: GCMS-S BFB Injection Time: 0651

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.7
75	30.0 - 60.0% of mass 95	45.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	95.9
175	5.0 - 9.0% of mass 174	7.1 (7.4)1
176	95.0 - 101.0% of mass 174	92.2 (96.1)1
177	5.0 - 9.0% of mass 176	6.5 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S23A	S2182	07/23/04	0716
02	WG8772-LCS	WG8772-1	S2183	07/23/04	0756
03	WG8772-BLANK	WG8772-2	S2185	07/23/04	0910
04	KWFCGS-50-0704	WU2178-3RA2	S2187	07/23/04	1026
05	KWFCGS-26-0704	WU2178-8	S2188	07/23/04	1101
06	KWFCGS-37-0704	WU2178-12	S2189	07/23/04	1136
07	KWFCGS-32-0704	WU2178-11	S2190	07/23/04	1211
08	KWFCGS-42-0704	WU2178-15	S2191	07/23/04	1246
09	KWFCGS-28-0704	WU2178-10DL2	S2192	07/23/04	1321
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FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: SB731 BFB Injection Date: 07/26/04

Instrument ID: GCMS-S BFB Injection Time: 0807

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.9
75	30.0 - 60.0% of mass 95	48.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	81.6
175	5.0 - 9.0% of mass 174	6.1 (7.4)1
176	95.0 - 101.0% of mass 174	78.0 (95.7)1
177	5.0 - 9.0% of mass 176	5.2 (6.7)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S26A	S2203	07/26/04	0832
02	WG8791-LCS	WG8791-1	S2204	07/26/04	0911
03	WG8791-BLANK	WG8791-2	S2206	07/26/04	1026
04	KWFCFD01-0704	WU2178-19	S2207	07/26/04	1105
05	KWFCFD02-0704	WU2178-20	S2208	07/26/04	1140
06	KWFCGS-49-0704MS	WG8791-3	S2221	07/26/04	1914
07	KWFCGS-49-0704MSD	WG8791-4	S2222	07/26/04	1949
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FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2140 Date Analyzed: 07/21/04

Instrument ID: GCMS-S Time Analyzed: 0759

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	385720	8.14	527422	9.10	450634	12.37
UPPER LIMIT	771440	8.64	1054844	9.60	901268	12.87
LOWER LIMIT	192860	7.64	263711	8.60	225317	11.87

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8717-LCS	WG8717-1	391515	8.18	516905	9.11	401045	12.37
02	WG8717-BLANK	WG8717-2	347992	8.14	413135	9.10	411958	12.36
03	KWFCGS-35-0704	WU2178-1	387989	8.17	486279	9.10	450696	12.36
04	KWFCGS-40-0704	WU2178-2	368205	8.16	564673	9.11	422660	12.37
05	KWFCGS-54-0704	WU2178-4	412848	8.13	504599	9.10	456384	12.37
06	KWFCGS-55-0704	WU2178-5	370257	8.15	532539	9.10	450471	12.36
07	KWFCGS-36-0704	WU2178-13	395568	8.14	580929	9.09	434880	12.36
08	KWFCGS-38-0704	WU2178-14	378167	8.15	552663	9.10	480938	12.36
09								
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17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2140 Date Analyzed: 07/21/04

Instrument ID: GCMS-S Time Analyzed: 0759

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		211840	14.23				
UPPER LIMIT		423680	14.73				
LOWER LIMIT		105920	13.73				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8717-LCS	WG8717-1	214065	14.24				
02 WG8717-BLANK	WG8717-2	225216	14.24				
03 KWFCGS-35-0704	WU2178-1	236772	14.24				
04 KWFCGS-40-0704	WU2178-2	215989	14.23				
05 KWFCGS-54-0704	WU2178-4	276618	14.23				
06 KWFCGS-55-0704	WU2178-5	221716	14.24				
07 KWFCGS-36-0704	WU2178-13	265063	14.24				
08 KWFCGS-38-0704	WU2178-14	261194	14.24				
09							
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15							
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17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2162 Date Analyzed: 07/22/04

Instrument ID: GCMS-S Time Analyzed: 0728

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		366928	8.13	456965	9.10	387364	12.36
UPPER LIMIT		733856	8.63	913930	9.60	774728	12.86
LOWER LIMIT		183464	7.63	228483	8.60	193682	11.86
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8742-LCS	WG8742-1	360364	8.14	534947	9.09	431737	12.37
02 WG8742-BLANK	WG8742-2	360480	8.14	527922	9.09	467335	12.37
03 KWFCTB010704	WU2178-22	363488	8.15	532369	9.10	442197	12.37
04 KWFCGS-40-0704	WU2178-2DL	382631	8.15	484660	9.09	417631	12.36
05 KWECRB010704	WU2178-21	361090	8.14	504175	9.10	474278	12.36
06 KWFCGS-49-0704	WU2178-18	350359	8.16	515778	9.10	407029	12.36
07 KWFCGS-30-0704	WU2178-17	334837	8.14	417451	9.10	393451	12.36
08 KWFCGS-58-0704	WU2178-16	360867	8.14	500275	9.11	436627	12.37
09 KWFCGS-27-0704	WU2178-9RA	354879	8.14	488929	9.10	414452	12.37
10 KWFCGS-07-0704	WU2178-6RA	357270	8.15	488269	9.10	470019	12.37
11 KWFCGS-22-0704	WU2178-7RA	388631	8.18	474940	9.11	427190	12.37
12 KWFCGS-58-0704MS	WG8742-3	381647	8.13	495794	9.10	390144	12.37
13 KWFCGS-58-0704MSD	WG8742-4	369349	8.15	504221	9.10	371115	12.37
14							
15							
16							
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19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2162 Date Analyzed: 07/22/04

Instrument ID: GCMS-S Time Analyzed: 0728

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		244035	14.24				
UPPER LIMIT		488070	14.74				
LOWER LIMIT		122018	13.74				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG8742-LCS	WG8742-1	233558	14.24			
02	WG8742-BLANK	WG8742-2	227839	14.23			
03	KWFCTB010704	WU2178-22	248513	14.23			
04	KWFCGS-40-0704	WU2178-2DL	204533	14.24			
05	KWFCRB010704	WU2178-21	234402	14.24			
06	KWFCGS-49-0704	WU2178-18	234549	14.24			
07	KWFCGS-30-0704	WU2178-17	227343	14.24			
08	KWFCGS-58-0704	WU2178-16	241198	14.23			
09	KWFCGS-27-0704	WU2178-9RA	244691	14.23			
10	KWFCGS-07-0704	WU2178-6RA	243901	14.24			
11	KWFCGS-22-0704	WU2178-7RA	225764	14.24			
12	KWFCGS-58-0704MS	WG8742-3	240234	14.25			
13	KWFCGS-58-0704MSD	WG8742-4	258422	14.24			
14							
15							
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19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2182 Date Analyzed: 07/23/04

Instrument ID: GCMS-S Time Analyzed: 0716

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	492388	8.17	727251	9.11	623535	12.37
UPPER LIMIT	984776	8.67	1454502	9.61	1247070	12.87
LOWER LIMIT	246194	7.67	363626	8.61	311768	11.87

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8772-LCS	WG8772-1	491782	8.14	714922	9.09	621573	12.37
02	WG8772-BLANK	WG8772-2	498862	8.16	720304	9.10	613806	12.37
03	KWFCGS-50-0704	WU2178-3RA2	491098	8.15	713286	9.11	610752	12.37
04	KWFCGS-26-0704	WU2178-8	486701	8.15	705832	9.10	602941	12.36
05	KWFCGS-37-0704	WU2178-12	497111	8.14	719619	9.10	612644	12.37
06	KWFCGS-32-0704	WU2178-11	495166	8.15	724311	9.10	613006	12.36
07	KWFCGS-42-0704	WU2178-15	495639	8.14	714901	9.10	614688	12.36
08	KWFCGS-28-0704	WU2178-10DL2	494576	8.14	712474	9.10	604917	12.36
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19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2182 Date Analyzed: 07/23/04

Instrument ID: GCMS-S Time Analyzed: 0716

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		314117	14.24				
UPPER LIMIT		628234	14.74				
LOWER LIMIT		157059	13.74				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8772-LCS	WG8772-1	312900	14.23				
02 WG8772-BLANK	WG8772-2	314169	14.24				
03 KWFCGS-50-0704	WU2178-3RA2	305722	14.24				
04 KWFCGS-26-0704	WU2178-8	306931	14.24				
05 KWFCGS-37-0704	WU2178-12	302946	14.23				
06 KWFCGS-32-0704	WU2178-11	303625	14.24				
07 KWFCGS-42-0704	WU2178-15	313883	14.24				
08 KWFCGS-28-0704	WU2178-10DL2	307170	14.24				
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IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2203 Date Analyzed: 07/26/04

Instrument ID: GCMS-S Time Analyzed: 0832

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		486482	8.12	719627	9.08	601953	12.35
UPPER LIMIT		972964	8.62	1439254	9.58	1203906	12.85
LOWER LIMIT		243241	7.62	359814	8.58	300977	11.85
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8791-LCS	WG8791-1	495429	8.14	731702	9.09	629417	12.36
02 WG8791-BLANK	WG8791-2	500036	8.13	728468	9.08	625530	12.35
03 KWFCFD01-0704	WU2178-19	504362	8.13	723518	9.08	626123	12.35
04 KWFCFD02-0704	WU2178-20	495100	8.13	713152	9.09	615992	12.35
05 KWFCGS-49-0704MS	WG8791-3	496516	8.13	726179	9.10	625375	12.36
06 KWFCGS-49-0704MSD	WG8791-4	496303	8.13	732018	9.09	625990	12.35
07							
08							
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17							
18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): S2203 Date Analyzed: 07/26/04

Instrument ID: GCMS-S Time Analyzed: 0832

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD	314640	14.23				
UPPER LIMIT	629280	14.73				
LOWER LIMIT	157320	13.73				

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8791-LCS	WG8791-1	306125	14.24				
02	WG8791-BLANK	WG8791-2	323603	14.23				
03	KWFCFD01-0704	WU2178-19	323305	14.23				
04	KWFCFD02-0704	WU2178-20	310200	14.23				
05	KWFCGS-49-0704MS	WG8791-3	314434	14.23				
06	KWFCGS-49-0704MSD	WG8791-4	305562	14.23				
07								
08								
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15								
16								
17								
18								
19								
20								

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date(s): 07/16/04 07/16/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1434 2213

LAB FILE ID: RF1: S2093 RF5: S2091 RF20: S2090
RF50: S2089 RF100: S2088 RF200: S2094

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Chloromethane	0.732	0.489	0.560	0.544	0.549	0.597	AVRG		0.57864107		14.341	15.000
Vinyl chloride	0.598	0.434	0.518	0.475	0.507	0.556	AVRG		0.51481880		11.293	15.000
Bromomethane	2189	8467	44732	126530	235720	602510	2ORDR	-1.54e-003	5.30979968	-1.4079534	0.99917	0.99000
Chloroethane	4767	14863	79550	173790	357230	565790	2ORDR	3.677e-002	2.24781648	1.79258771	0.99683	0.99000
1,1-Dichloroethene	0.434	0.303	0.364	0.332	0.352	0.360	AVRG		0.35751430		12.203	15.000
Methylene Chloride	22973	40648	126300	272110	556180	1117400	LINR	-2.76e-002	2.08734196		0.99956	0.99000
trans-1,2-Dichloroethene	0.514	0.354	0.422	0.397	0.416	0.428	AVRG		0.42181466		12.419	15.000
Methyl tert-butyl ether	1.341	1.189	1.260	1.284	1.356	1.342	AVRG		1.29517774		4.968	15.000
1,1-Dichloroethane	0.870	0.597	0.804	0.773	0.799	0.809	AVRG		0.77539696		12.025	15.000
cis-1,2-Dichloroethene	0.512	0.378	0.447	0.448	0.462	0.487	AVRG		0.45564880		9.942	15.000
Chloroform	0.854	0.590	0.761	0.769	0.807	0.838	AVRG		0.77002816		12.393	15.000
Carbon Tetrachloride	1206	6973	51162	147450	313990	631550	LINR	3.814e-002	5.49378733		0.99936	0.99000
1,1,1-Trichloroethane	0.491	0.401	0.474	0.484	0.538	0.505	AVRG		0.48230621		9.413	15.000
Benzene	1.416	0.997	1.203	1.127	1.171	1.167	AVRG		1.18004086		11.550	15.000
1,2-Dichloroethane	0.308	0.317	0.356	0.370	0.390	0.387	AVRG		0.35470023		9.780	15.000
Trichloroethene	0.396	0.274	0.297	0.289	0.291	0.301	AVRG		0.30790138		14.289	15.000
1,2-Dichloropropane	0.351	0.247	0.300	0.286	0.297	0.300	AVRG		0.29674258		11.168	15.000
Bromodichloromethane	0.294	0.222	0.310	0.316	0.334	0.328	AVRG		0.30061294		13.644	15.000
cis-1,3-dichloropropene	0.381	0.274	0.366	0.370	0.398	0.405	AVRG		0.36544861		13.008	15.000
2-Chloroethylvinylether	0.173	0.147	0.182	0.197	0.200	0.203	AVRG		0.18370208		11.584	15.000
Toluene	0.784	0.553	0.687	0.638	0.666	0.654	AVRG		0.66371845		11.280	15.000
Tetrachloroethene	0.319	0.211	0.244	0.253	0.247	0.262	AVRG		0.25622610		13.868	15.000
trans-1,3-Dichloropropene	0.301	0.221	0.306	0.295	0.332	0.330	AVRG		0.29744277		13.604	15.000
1,1,2-Trichloroethane	0.246	0.172	0.213	0.204	0.216	0.211	AVRG		0.21029686		11.321	15.000
Dibromochloromethane	3179	12673	78270	199700	439990	896040	LINR	4.962e-002	3.22007764		0.99887	0.99000
Chlorobenzene	0.961	0.672	0.813	0.770	0.791	0.796	AVRG		0.80049966		11.631	15.000
Ethylbenzene	1.646	1.146	1.444	1.318	1.380	1.384	AVRG		1.38650314		11.787	15.000
Xylenes (total)	1.674	1.208	1.518	1.414	1.478	1.465	AVRG		1.45945363		10.418	15.000
m+p-Xylenes	0.570	0.411	0.515	0.476	0.495	0.492	AVRG		0.49311490		10.504	15.000
o-Xylene	0.535	0.385	0.488	0.463	0.488	0.480	AVRG		0.47322382		10.392	15.000
Bromoform	1951	8129	52682	127740	305690	597180	LINR	4.975e-002	4.79939983		0.99822	0.99000
1,1,2,2-Tetrachloroethane	0.736	0.557	0.676	0.640	0.662	0.664	AVRG		0.65605197		8.895	15.000
Dibromofluoromethane	0.491	0.459	0.429	0.436	0.445	0.454	AVRG		0.45235950		4.826	15.000
1,2-Dichloroethane-D4	0.713	0.512	0.549	0.538	0.570	0.571	AVRG		0.57570467		12.325	15.000
Toluene-D8	1.312	1.018	1.021	0.987	0.988	0.968	AVRG		1.04891222		12.442	15.000
P-Bromofluorobenzene	0.498	0.407	0.394	0.382	0.388	0.376	AVRG		0.40748561		11.195	15.000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date(s): 07/16/04 07/16/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1434 2213

Average %RSD test result.

Calculate Average %RSD: 10.78879356
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/21/04 Time: 0759

Lab File ID: S2140 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.5780000	0.4472400	0.4472400	0.1	-22.62		AVRG
Vinyl chloride	0.5150000	0.4868400	0.4868400	0.01	-5.47	20.00	AVRG
Bromomethane	42.074000	50.000000	0.1660800	0.01	-15.85		2RDR
Chloroethane	36.482000	50.000000	0.2559900	0.01	-27.04		2RDR
1,1-Dichloroethene	0.3580000	0.3411300	0.3411300	0.01	-4.71	20.00	AVRG
Methylene Chloride	41.410000	50.000000	0.4100100	0.01	-17.18		LINR
trans-1,2-Dichloroethene	0.4220000	0.3897200	0.3897200	0.01	-7.65		AVRG
Methyl tert-butyl ether	1.2950000	0.9999800	0.9999800	0.01	-22.78		AVRG
1,1-Dichloroethane	0.7750000	0.6799100	0.6799100	0.3	-12.27		AVRG
cis-1,2-Dichloroethene	0.4560000	0.4316600	0.4316600	0.01	-5.34		AVRG
Chloroform	0.7700000	0.7273300	0.7273300	0.01	-5.54	20.00	AVRG
Carbon Tetrachloride	45.776000	50.000000	0.1597000	0.01	-8.45		LINR
1,1,1-Trichloroethane	0.4820000	0.4513900	0.4513900	0.01	-6.35		AVRG
Benzene	1.1800000	1.0744000	1.0744000	0.01	-8.95		AVRG
1,2-Dichloroethane	0.3550000	0.3350400	0.3350400	0.01	-5.62		AVRG
Trichloroethene	0.3080000	0.3425800	0.3425800	0.01	11.23		AVRG
1,2-Dichloropropane	0.2970000	0.2881600	0.2881600	0.01	-2.98	20.00	AVRG
Bromodichloromethane	0.3010000	0.3440600	0.3440600	0.01	14.31		AVRG
cis-1,3-dichloropropene	0.3660000	0.3339800	0.3339800	0.01	-8.75		AVRG
2-Chloroethylvinylether	0.1840000	0.1376400	0.1376400	0.01	-25.20		AVRG
Toluene	0.6640000	0.6606000	0.6606000	0.01	-0.51	20.00	AVRG
Tetrachloroethene	0.2560000	0.2392200	0.2392200	0.01	-6.55		AVRG
trans-1,3-Dichloropropene	0.2980000	0.2277800	0.2277800	0.01	-23.56		AVRG
1,1,2-Trichloroethane	0.2100000	0.2089900	0.2089900	0.01	-0.48		AVRG
Dibromochloromethane	49.217000	50.000000	0.2902800	0.01	-1.57		LINR
Chlorobenzene	0.8000000	0.7696100	0.7696100	0.3	-3.80		AVRG
Ethylbenzene	1.3860000	1.3993000	1.3993000	0.01	0.96	20.00	AVRG
Xylenes (total)	1.4600000	1.2910000	1.2910000	0.01	-11.58		AVRG
m+p-Xylenes	0.4930000	0.4238600	0.4238600	0.01	-14.02		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/21/04 Time: 0759

Lab File ID: S2140 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
o-Xylene	0.4730000	0.4432300	0.4432300	0.01	-6.29		AVRG
Bromoform	49.013000	50.000000	0.1938800	0.1	-1.97		LINR
1,1,2,2-Tetrachloroethane	0.6560000	0.6595400	0.6595400	0.3	0.54		AVRG
Dibromofluoromethane	0.4520000	0.4494800	0.4494800	0.01	-0.56		AVRG
1,2-Dichloroethane-D4	0.5760000	0.4672400	0.4672400	0.01	-18.88		AVRG
Toluene-D8	1.0490000	0.9569000	0.9569000	0.01	-8.78		AVRG
P-Bromofluorobenzene	0.4080000	0.3836800	0.3836800	0.01	-5.96		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/22/04 Time: 0728

Lab File ID: S2162 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.5780000	0.3421200	0.3421200	0.1	-40.82		AVRG
Vinyl chloride	0.5150000	0.4167200	0.4167200	0.01	-19.08	20.00	AVRG
Bromomethane	27.591000	50.000000	0.1072700	0.01	-44.82		2RDR
Chloroethane	38.521000	50.000000	0.2687700	0.01	-22.96		2RDR
1,1-Dichloroethene	0.3580000	0.2955000	0.2955000	0.01	-17.46	20.00	AVRG
Methylene Chloride	39.583000	50.000000	0.3925100	0.01	-20.83		LINR
trans-1,2-Dichloroethene	0.4220000	0.3681100	0.3681100	0.01	-12.77		AVRG
Methyl tert-butyl ether	1.2950000	0.9523300	0.9523300	0.01	-26.46		AVRG
1,1-Dichloroethane	0.7750000	0.5506700	0.5506700	0.3	-28.95		AVRG
cis-1,2-Dichloroethene	0.4560000	0.3497300	0.3497300	0.01	-23.30		AVRG
Chloroform	0.7700000	0.6930300	0.6930300	0.01	-10.0	20.00	AVRG
Carbon Tetrachloride	58.943000	50.000000	0.2076400	0.01	17.89		LINR
1,1,1-Trichloroethane	0.4820000	0.3921800	0.3921800	0.01	-18.64		AVRG
Benzene	1.1800000	1.2538000	1.2538000	0.01	6.25		AVRG
1,2-Dichloroethane	0.3550000	0.3665400	0.3665400	0.01	3.25		AVRG
Trichloroethene	0.3080000	0.3402300	0.3402300	0.01	10.46		AVRG
1,2-Dichloropropane	0.2970000	0.3025600	0.3025600	0.01	1.87	20.00	AVRG
Bromodichloromethane	0.3010000	0.3490900	0.3490900	0.01	15.98		AVRG
cis-1,3-dichloropropene	0.3660000	0.3520200	0.3520200	0.01	-3.82		AVRG
2-Chloroethylvinylether	0.1840000	0.1408600	0.1408600	0.01	-23.45		AVRG
Toluene	0.6640000	0.6356800	0.6356800	0.01	-4.26	20.00	AVRG
Tetrachloroethene	0.2560000	0.2576100	0.2576100	0.01	0.63		AVRG
trans-1,3-Dichloropropene	0.2980000	0.2773700	0.2773700	0.01	-6.92		AVRG
1,1,2-Trichloroethane	0.2100000	0.2210600	0.2210600	0.01	5.27		AVRG
Dibromochloromethane	53.882000	50.000000	0.3192500	0.01	7.76		LINR
Chlorobenzene	0.8000000	0.7711900	0.7711900	0.3	-3.60		AVRG
Ethylbenzene	1.3860000	1.2892000	1.2892000	0.01	-6.98	20.00	AVRG
Xylenes (total)	1.4600000	1.3766000	1.3766000	0.01	-5.71		AVRG
m+p-Xylenes	0.4930000	0.4645400	0.4645400	0.01	-5.77		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/22/04 Time: 0728

Lab File ID: S2162 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
o-Xylene	0.4730000	0.4475600	0.4475600	0.01	-5.38		AVRG
Bromoform	54.520000	50.000000	0.2168300	0.1	9.04		LINR
1,1,2,2-Tetrachloroethane	0.6560000	0.5010800	0.5010800	0.3	-23.62		AVRG
Dibromofluoromethane	0.4520000	0.3887000	0.3887000	0.01	-14.00		AVRG
1,2-Dichloroethane-D4	0.5760000	0.4456600	0.4456600	0.01	-22.63		AVRG
Toluene-D8	1.0490000	1.0534000	1.0534000	0.01	0.42		AVRG
P-Bromofluorobenzene	0.4080000	0.3979600	0.3979600	0.01	-2.46		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/23/04 Time: 0716

Lab File ID: S2182 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.5780000	0.4550700	0.4550700	0.1	-21.27		AVRG
Vinyl chloride	0.5150000	0.5105500	0.5105500	0.01	-0.86	20.00	AVRG
Bromomethane	31.465000	50.000000	0.1228000	0.01	37.07		2RDR
Chloroethane	48.856000	50.000000	0.3309800	0.01	-2.29		2RDR
1,1-Dichloroethene	0.3580000	0.3529700	0.3529700	0.01	-1.40	20.00	AVRG
Methylene Chloride	53.383000	50.000000	0.5247300	0.01	6.77		LINR
trans-1,2-Dichloroethene	0.4220000	0.4056000	0.4056000	0.01	-3.89		AVRG
Methyl tert-butyl ether	1.2950000	1.2671000	1.2671000	0.01	-2.15		AVRG
1,1-Dichloroethane	0.7750000	0.7581000	0.7581000	0.3	-2.18		AVRG
cis-1,2-Dichloroethene	0.4560000	0.4641200	0.4641200	0.01	1.78		AVRG
Chloroform	0.7700000	0.7793400	0.7793400	0.01	1.21	20.00	AVRG
Carbon Tetrachloride	50.110000	50.000000	0.1754800	0.01	0.22		LINR
1,1,1-Trichloroethane	0.4820000	0.5081500	0.5081500	0.01	5.42		AVRG
Benzene	1.1800000	1.1726000	1.1726000	0.01	-0.63		AVRG
1,2-Dichloroethane	0.3550000	0.3711600	0.3711600	0.01	4.55		AVRG
Trichloroethene	0.3080000	0.2918900	0.2918900	0.01	-5.23		AVRG
1,2-Dichloropropane	0.2970000	0.2934600	0.2934600	0.01	-1.19	20.00	AVRG
Bromodichloromethane	0.3010000	0.3365000	0.3365000	0.01	11.79		AVRG
cis-1,3-dichloropropene	0.3660000	0.3518500	0.3518500	0.01	-3.87		AVRG
2-Chloroethylvinylether	0.1840000	0.1198800	0.1198800	0.01	-34.85		AVRG
Toluene	0.6640000	0.6666100	0.6666100	0.01	0.39	20.00	AVRG
Tetrachloroethene	0.2560000	0.2552800	0.2552800	0.01	-0.28		AVRG
trans-1,3-Dichloropropene	0.2980000	0.3012900	0.3012900	0.01	1.10		AVRG
1,1,2-Trichloroethane	0.2100000	0.2102400	0.2102400	0.01	0.11		AVRG
Dibromochloromethane	47.194000	50.000000	0.2777100	0.01	-5.61		LINR
Chlorobenzene	0.8000000	0.7826600	0.7826600	0.3	-2.17		AVRG
Ethylbenzene	1.3860000	1.3783000	1.3783000	0.01	-0.56	20.00	AVRG
Xylenes (total)	1.4600000	1.4578000	1.4578000	0.01	-0.15		AVRG
m+p-Xylenes	0.4930000	0.4921300	0.4921300	0.01	-0.18		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/23/04 Time: 0716

Lab File ID: S2182 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
o-Xylene	0.4730000	0.4735700	0.4735700	0.01	0.12		AVRG
Bromoform	47.523000	50.000000	0.1876700	0.1	-4.95		LINR
1,1,2,2-Tetrachloroethane	0.6560000	0.6555600	0.6555600	0.3	-0.07		AVRG
Dibromofluoromethane	0.4520000	0.4291100	0.4291100	0.01	-5.06		AVRG
1,2-Dichloroethane-D4	0.5760000	0.5123600	0.5123600	0.01	-11.05		AVRG
Toluene-D8	1.0490000	1.0361000	1.0361000	0.01	-1.23		AVRG
P-Bromofluorobenzene	0.4080000	0.4102300	0.4102300	0.01	0.55		AVRG

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/26/04 Time: 0832

Lab File ID: S2203 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Chloromethane	0.5780000	0.4330800	0.4330800	0.1	-25.07		AVRG
Vinyl chloride	0.5150000	0.5038100	0.5038100	0.01	-2.17	20.00	AVRG
Bromomethane	27.990000	50.000000	0.1088600	0.01	-44.02		2RDR
Chloroethane	49.478000	50.000000	0.3345900	0.01	-1.04		2RDR
1,1-Dichloroethene	0.3580000	0.4175400	0.4175400	0.01	16.63	20.00	AVRG
Methylene Chloride	55.131000	50.000000	0.5414800	0.01	10.26		LINR
trans-1,2-Dichloroethene	0.4220000	0.4687000	0.4687000	0.01	11.07		AVRG
Methyl tert-butyl ether	1.2950000	1.1511000	1.1511000	0.01	-11.11		AVRG
1,1-Dichloroethane	0.7750000	0.8620200	0.8620200	0.3	11.23		AVRG
cis-1,2-Dichloroethene	0.4560000	0.5182300	0.5182300	0.01	13.65		AVRG
Chloroform	0.7700000	0.8794800	0.8794800	0.01	14.22	20.00	AVRG
Carbon Tetrachloride	41.816000	50.000000	0.1452900	0.01	-16.37		LINR
1,1,1-Trichloroethane	0.4820000	0.5328200	0.5328200	0.01	10.54		AVRG
Benzene	1.1800000	1.3015000	1.3015000	0.01	10.30		AVRG
1,2-Dichloroethane	0.3550000	0.4099000	0.4099000	0.01	15.46		AVRG
Trichloroethene	0.3080000	0.3414100	0.3414100	0.01	10.85		AVRG
1,2-Dichloropropane	0.2970000	0.3171500	0.3171500	0.01	6.78	20.00	AVRG
Bromodichloromethane	0.3010000	0.3302600	0.3302600	0.01	9.72		AVRG
cis-1,3-dichloropropene	0.3660000	0.3342300	0.3342300	0.01	-8.68		AVRG
2-Chloroethylvinylether	0.1840000	0.1637700	0.1637700	0.01	-10.99		AVRG
Toluene	0.6640000	0.7290700	0.7290700	0.01	9.80	20.00	AVRG
Tetrachloroethene	0.2560000	0.2786100	0.2786100	0.01	8.83		AVRG
trans-1,3-Dichloropropene	0.2980000	0.2858600	0.2858600	0.01	-4.07		AVRG
1,1,2-Trichloroethane	0.2100000	0.2240000	0.2240000	0.01	6.67		AVRG
Dibromochloromethane	46.518000	50.000000	0.2735100	0.01	-6.96		LINR
Chlorobenzene	0.8000000	0.8722300	0.8722300	0.3	9.03		AVRG
Ethylbenzene	1.3860000	1.5305000	1.5305000	0.01	10.43	20.00	AVRG
Xylenes (total)	1.4600000	1.6436000	1.6436000	0.01	12.58		AVRG
m+p-Xylenes	0.4930000	0.5496000	0.5496000	0.01	11.48		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-S Calibration Date: 07/26/04 Time: 0832

Lab File ID: S2203 Init. Calib. Date(s): 07/16/04 07/16/04

Init. Calib. Times: 1434 2213

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
o-Xylene	0.4730000	0.5443900	0.5443900	0.01	15.09		AVRG
Bromoform	44.465000	50.000000	0.1749300	0.1	-11.07		LINR
1,1,2,2-Tetrachloroethane	0.6560000	0.6263400	0.6263400	0.3	-4.52		AVRG
Dibromofluoromethane	0.4520000	0.4294000	0.4294000	0.01	-5.00		AVRG
1,2-Dichloroethane-D4	0.5760000	0.5348600	0.5348600	0.01	-7.14		AVRG
Toluene-D8	1.0490000	1.0652000	1.0652000	0.01	1.54		AVRG
P-Bromofluorobenzene	0.4080000	0.4188000	0.4188000	0.01	2.65		AVRG

FORM VII PEST

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG8775-BLANK	WG8775-1RA	102	104	108						0
02	KWFCFD01-0704	WU2178-19	120	88	97						0
03	KWFCGS-49-0704	WU2178-18	51	88	63						0
04	KWFCGS-30-0704	WU2178-17	108	93	93						0
05	KWFCGS-58-0704	WU2178-16	85	87	93						0
06	KWFCGS-42-0704	WU2178-15	100	89	81						0
07	KWFCGS-38-0704	WU2178-14DL	D	D	D						0
08	KWFCGS-42-0704	WU2178-15DL	D	D	D						0
09	KWFCGS-49-0704	WU2178-18DL	D	D	D						0
10	KWFCFD01-0704	WU2178-19DL	D	D	D						0
11	KWFCFD02-0704	WU2178-20DL	D	D	D						0
12	KWFCGS-38-0704	WU2178-14RA	125	105	82						0
13	KWFCFD02-0704	WU2178-20RA	99	91	75						0
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM 2

WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG8723-BLANK	WG8723-1	89	101	143						0
02	WG8723-LCS	WG8723-2	84	97	105						0
03	WG8723-LCSD	WG8723-3	76	91	105						0
04	KWFCGS-40-0704	WU2178-2	98	55	101						0
05	KWFCGS-54-0704	WU2178-4	72	65	127						0
06	KWFCGS-55-0704	WU2178-5	87	83	96						0
07	KWFCGS-07-0704	WU2178-6	104	77	104						0
08	WG8775-LCS	WG8775-2	79	84	108						0
09	KWFCGS-58-0704MS	WG8775-3	75	80	116						0
10	KWFCGS-58-0704MSD	WG8775-4	81	88	105						0
11	KWFCGS-22-0704	WU2178-7	82	88	168*						1
12	KWFCGS-26-0704	WU2178-8	81	84	142						0
13	KWFCGS-27-0704	WU2178-9	79	86	145						0
14	KWFCGS-28-0704	WU2178-10	76	89	140						0
15	WG8775-BLANK	WG8775-1RA2	95	101	192*						1
16	KWFCGS-35-0704	WU2178-1RA	74	84	147						0
17	KWFCGS-55-0704	WU2178-5RA	100	110	183*						1
18	KWFCGS-32-0704	WU2178-11RA	82	90	173*						1
19	KWFCRB010704	WU2178-21RA	82	88	152*						1
20	KWFCGS-50-0704	WU2178-3DL	D	D	D						0
21	KWFCGS-54-0704	WU2178-4DL	D	D	D						0
22	KWFCGS-07-0704	WU2178-6DL	D	D	D						0
23	KWFCGS-22-0704	WU2178-7DL	D	D	D						0
24	KWFCGS-37-0704	WU2178-12DL	D	D	D						0
25	KWFCGS-32-0704	WU2178-11DL	D	D	D						0
26	KWFCGS-50-0704	WU2178-3RA	70	90	176*						1
27	KWFCGS-27-0704	WU2178-9DL	D	D	D						0
28	KWFCGS-28-0704	WU2178-10DL	D	D	D						0

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-1

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	KWFCGS-36-0704	WU2178-13DL	D	D	D						0
02	KWFCGS-30-0704	WU2178-17DL	D	D	D						0
03	KWFCGS-26-0704	WU2178-8DL	D	D	D						0
04	KWFCGS-49-0704	WU2178-18DL	D	D	D						0
05	KWFCGS-40-0704	WU2178-2DL	D	D	D						0
06	KWFCGS-36-0704	WU2178-13RA	93	91	238*						1
07	KWFCGS-37-0704	WU2178-12RA	68	42	42						0
08											
09											
10											
11											
12											
13											
14											
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28											

		QC LIMITS
S1	= 2-Methylnaphthalene-d1	(30-150)
S2	= Fluorene-d10	(30-150)
S3	= Pyrene-d10	(30-150)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

FORM II SV-1

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8723-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: X5842 Lab Sample ID: WG8723-1

Instrument ID: GCMS-X Date Extracted: 07/21/04

Matrix: (soil/water) WATER Date Analyzed: 07/27/04

Level: (low/med) LOW Time Analyzed: 1213

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8723-LCS	WG8723-2	X5843	07/27/04	1258
02	WG8723-LCSD	WG8723-3	X5844	07/27/04	1342
03	KWFCGS-40-0704	WU2178-2	X5970	08/12/04	1709
04	KWFCGS-54-0704	WU2178-4	X5972	08/12/04	1838
05	KWFCGS-55-0704	WU2178-5	X5973	08/12/04	1923
06	KWFCGS-07-0704	WU2178-6	X5974	08/12/04	2007
07	KWFCGS-22-0704	WU2178-7	X6002	08/16/04	1834
08	KWFCGS-26-0704	WU2178-8	X6003	08/16/04	1919
09	KWFCGS-27-0704	WU2178-9	X6004	08/16/04	2004
10	KWFCGS-28-0704	WU2178-10	X6005	08/16/04	2048
11	KWFCGS-35-0704	WU2178-1RA	X6011	08/17/04	1224
12	KWFCGS-55-0704	WU2178-5RA	X6012	08/17/04	1309
13	KWFCGS-32-0704	WU2178-11RA	X6013	08/17/04	1354
14	KWFCGS-50-0704	WU2178-3DL	X6015	08/17/04	1523
15	KWFCGS-54-0704	WU2178-4DL	X6016	08/17/04	1607
16	KWFCGS-07-0704	WU2178-6DL	X6017	08/17/04	1651
17	KWFCGS-22-0704	WU2178-7DL	X6018	08/17/04	1735
18	KWFCGS-32-0704	WU2178-11DL	X6022	08/17/04	2034
19	KWFCGS-50-0704	WU2178-3RA	X6023	08/17/04	2118
20	KWFCGS-27-0704	WU2178-9DL	X6026	08/18/04	1008
21	KWFCGS-28-0704	WU2178-10DL	X6027	08/18/04	1053
22	KWFCGS-26-0704	WU2178-8DL	X6032	08/18/04	1436
23	KWFCGS-40-0704	WU2178-2DL	X6034	08/18/04	1605
24					
25					
26					
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COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8775-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: K7615 Lab Sample ID: WG8775-1RA

Instrument ID: GCMS-K Date Extracted: 07/23/04

Matrix: (soil/water) WATER Date Analyzed: 08/16/04

Level:(low/med) LOW Time Analyzed: 1450

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	KWFCFD01-0704	WU2178-19	K7618	08/16/04	1726
02	KWFCGS-49-0704	WU2178-18	K7619	08/16/04	1818
03	KWFCGS-30-0704	WU2178-17	K7620	08/16/04	1910
04	KWFCGS-58-0704	WU2178-16	K7621	08/16/04	2002
05	KWFCGS-42-0704	WU2178-15	K7622	08/16/04	2054
06	KWFCGS-38-0704	WU2178-14DL	K7626	08/17/04	1347
07	KWFCGS-42-0704	WU2178-15DL	K7627	08/17/04	1439
08	KWFCGS-49-0704	WU2178-18DL	K7629	08/17/04	1623
09	KWFCFD01-0704	WU2178-19DL	K7630	08/17/04	1716
10	KWFCFD02-0704	WU2178-20DL	K7631	08/17/04	1807
11	KWFCGS-38-0704	WU2178-14RA	K7632	08/17/04	1859
12	KWFCFD02-0704	WU2178-20RA	K7634	08/17/04	2042
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COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG8775-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: X6010 Lab Sample ID: WG8775-1RA2

Instrument ID: GCMS-X Date Extracted: 07/23/04

Matrix: (soil/water) WATER Date Analyzed: 08/17/04

Level: (low/med) LOW Time Analyzed: 1140

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG8775-LCS	WG8775-2	X5999	08/16/04	1621
02	KWFCGS-58-0704MS	WG8775-3	X6000	08/16/04	1706
03	KWFCGS-58-0704MSD	WG8775-4	X6001	08/16/04	1750
04	KWFCRB010704	WU2178-21RA	X6014	08/17/04	1438
05	KWFCGS-37-0704	WU2178-12DL	X6021	08/17/04	1949
06	KWFCGS-36-0704	WU2178-13DL	X6028	08/18/04	1138
07	KWFCGS-30-0704	WU2178-17DL	X6029	08/18/04	1222
08	KWFCGS-49-0704	WU2178-18DL	X6033	08/18/04	1520
09	KWFCGS-36-0704	WU2178-13RA	X6035	08/18/04	1650
10	KWFCGS-37-0704	WU2178-12RA	X6036	08/18/04	1735
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COMMENTS:

FORM IV SV

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 07/21/04
Analysis Date: 07/27/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8723-1
Client ID: WG8723-Blank
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8723
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.20	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.080
86-73-7	Fluorene	U	0.20	1.0	0.20	0.20	0.060
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.080
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.080
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.090
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.070
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.090
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.080
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.090
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.080
90-12-0	1-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
7297-45-2	2-Methylnaphthalene-d10		89%				
81103-79-9	Fluorene-d10		101%				
1718-52-1	Pyrene-d10		143%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 07/23/04
Analysis Date: 08/17/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8775-1RA2
Client ID: WG8775-Blank
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.20	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.080
86-73-7	Fluorene	U	0.20	1.0	0.20	0.20	0.060
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.080
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.080
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.090
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.070
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.090
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.080
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.090
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.080
90-12-0	1-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
7297-45-2	2-Methylnaphthalene-d10		95%				
81103-79-9	Fluorene-d10		101%				
1718-52-1	Pyrene-d10		*192%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 07/23/04
Analysis Date: 08/16/04
Report Date: 08/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG8775-1RA
Client ID: WG8775-Blank
SDG: CTO351-2
Extracted by: JP
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 M8270C
Lab Prep Batch: WG8775
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	0.20	1.0	0.20	0.20	0.050
91-57-6	2-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
208-96-8	Acenaphthylene	U	0.20	1.0	0.20	0.20	0.050
83-32-9	Acenaphthene	U	0.20	1.0	0.20	0.20	0.080
86-73-7	Fluorene	U	0.20	1.0	0.20	0.20	0.060
85-01-8	Phenanthrene	U	0.20	1.0	0.20	0.20	0.080
120-12-7	Anthracene	U	0.20	1.0	0.20	0.20	0.080
206-44-0	Fluoranthene	U	0.20	1.0	0.20	0.20	0.11
129-00-0	Pyrene	U	0.20	1.0	0.20	0.20	0.090
56-55-3	Benzo(a)anthracene	U	0.20	1.0	0.20	0.20	0.12
218-01-9	Chrysene	U	0.20	1.0	0.20	0.20	0.070
205-99-2	Benzo(b)fluoranthene	U	0.20	1.0	0.20	0.20	0.090
207-08-9	Benzo(k)fluoranthene	U	0.20	1.0	0.20	0.20	0.080
50-32-8	Benzo(a)pyrene	U	0.20	1.0	0.20	0.20	0.090
193-39-5	Indeno(1,2,3-cd)pyrene	U	0.20	1.0	0.20	0.20	0.10
53-70-3	Dibenzo(a,h)anthracene	U	0.20	1.0	0.20	0.20	0.15
191-24-2	Benzo(g,h,i)perylene	U	0.20	1.0	0.20	0.20	0.080
90-12-0	1-Methylnaphthalene	U	0.20	1.0	0.20	0.20	0.080
7297-45-2	2-Methylnaphthalene-d10		102%				
81103-79-9	Fluorene-d10		104%				
1718-52-1	Pyrene-d10		108%				

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: KD399 DFTPP Injection Date: 08/12/04

Instrument ID: GCMS-K DFTPP Injection Time: 1435

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	57.7
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.4
275	10.0 - 30.0% of mass 198	19.0
365	1.0 - 100.0% of mass 198	1.8
441	0.0 - 100.0% of mass 443	7.7 (91.4)2
442	40.0 - 100.0% of mass 198	41.9
443	17.0 - 23.0% of mass 442	8.4 (20.0)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00K0812	K7591	08/12/04	1502
02		SSTD3.00K0812	K7592	08/12/04	1554
03		SSTD2.00K0812	K7593	08/12/04	1646
04		SSTD0.50K0812	K7594	08/12/04	1738
05		SSTD0.20K0812	K7595	08/12/04	1830
06					
07					
08					
09					
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20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: KD401 DFTPP Injection Date: 08/16/04

Instrument ID: GCMS-K DFTPP Injection Time: 1242

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	44.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	58.6
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	56.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	19.9
365	1.0 - 100.0% of mass 198	1.9
441	0.0 - 100.0% of mass 443	8.2 (87.9)2
442	40.0 - 100.0% of mass 198	45.6
443	17.0 - 23.0% of mass 442	9.3 (20.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00K0816	K7613	08/16/04	1306
02	WG8775-BLANK	WG8775-1RA	K7615	08/16/04	1450
03	KWFCFD01-0704	WU2178-19	K7618	08/16/04	1726
04	KWFCGS-49-0704	WU2178-18	K7619	08/16/04	1818
05	KWFCGS-30-0704	WU2178-17	K7620	08/16/04	1910
06	KWFCGS-58-0704	WU2178-16	K7621	08/16/04	2002
07	KWFCGS-42-0704	WU2178-15	K7622	08/16/04	2054
08					
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: KD402 DFTPP Injection Date: 08/17/04

Instrument ID: GCMS-K DFTPP Injection Time: 1114

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	48.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	61.9
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	58.1
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	19.4
365	1.0 - 100.0% of mass 198	1.4
441	0.0 - 100.0% of mass 443	7.5 (84.1)2
442	40.0 - 100.0% of mass 198	43.8
443	17.0 - 23.0% of mass 442	8.9 (20.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00K0817	K7625	08/17/04	1255
02	KWFCGS-38-0704	WU2178-14DL	K7626	08/17/04	1347
03	KWFCGS-42-0704	WU2178-15DL	K7627	08/17/04	1439
04	KWFCGS-49-0704	WU2178-18DL	K7629	08/17/04	1623
05	KWFCFD01-0704	WU2178-19DL	K7630	08/17/04	1716
06	KWFCFD02-0704	WU2178-20DL	K7631	08/17/04	1807
07	KWFCGS-38-0704	WU2178-14RA	K7632	08/17/04	1859
08	KWFCFD02-0704	WU2178-20RA	K7634	08/17/04	2042
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19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD301 DFTPP Injection Date: 07/22/04

Instrument ID: GCMS-X DFTPP Injection Time: 1343

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	59.0
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	70.3
70	Less than 2.0% of mass 69	0.5 (0.7)1
127	40.0 - 60.0% of mass 198	42.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.3
275	10.0 - 30.0% of mass 198	22.7
365	1.0 - 100.0% of mass 198	3.1
441	0.0 - 100.0% of mass 443	13.4 (77.2)2
442	40.0 - 100.0% of mass 198	89.7
443	17.0 - 23.0% of mass 442	17.3 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0722	X5804	07/22/04	1403
02		SSTD3.00X0722	X5805	07/22/04	1448
03		SSTD2.00X0722	X5806	07/22/04	1533
04		SSTD0.50X0722	X5807	07/22/04	1618
05		SSTD0.20X0722	X5808	07/22/04	1703
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD304 DFTPP Injection Date: 07/27/04

Instrument ID: GCMS-X DFTPP Injection Time: 0937

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0% of mass 198	54.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Less than 100.0% of mass 198	65.0	
70	Less than 2.0% of mass 69	0.0	(0.0)1
127	40.0 - 60.0% of mass 198	40.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0 - 30.0% of mass 198	24.9	
365	1.0 - 100.0% of mass 198	3.0	
441	0.0 - 100.0% of mass 443	5.1	(28.6)2
442	40.0 - 100.0% of mass 198	96.8	
443	17.0 - 23.0% of mass 442	18.0	(18.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0727	X5840	07/27/04	1040
02	WG8723-BLANK	WG8723-1	X5842	07/27/04	1213
03	WG8723-LCS	WG8723-2	X5843	07/27/04	1258
04	WG8723-LCSD	WG8723-3	X5844	07/27/04	1342
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FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD319 DFTPP Injection Date: 08/11/04

Instrument ID: GCMS-X DFTPP Injection Time: 1310

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	49.8
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	54.6
70	Less than 2.0% of mass 69	0.5 (0.8)1
127	40.0 - 60.0% of mass 198	41.1
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 30.0% of mass 198	22.3
365	1.0 - 100.0% of mass 198	2.7
441	0.0 - 100.0% of mass 443	12.9 (90.8)2
442	40.0 - 100.0% of mass 198	71.7
443	17.0 - 23.0% of mass 442	14.2 (19.8)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0811	X5951	08/11/04	1328
02		SSTD3.00X0811	X5952	08/11/04	1435
03		SSTD2.00X0811	X5953	08/11/04	1521
04		SSTD0.50X0811	X5954	08/11/04	1605
05		SSTD0.20X0811	X5955	08/11/04	1650
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD320 DFTPP Injection Date: 08/12/04

Instrument ID: GCMS-X DFTPP Injection Time: 0923

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.4
68	Less than 2.0% of mass 69	0.5 (0.7)1
69	Less than 100.0% of mass 198	65.0
70	Less than 2.0% of mass 69	0.4 (0.6)1
127	40.0 - 60.0% of mass 198	40.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	22.3
365	1.0 - 100.0% of mass 198	3.0
441	0.0 - 100.0% of mass 443	12.1 (90.4)2
442	40.0 - 100.0% of mass 198	71.6
443	17.0 - 23.0% of mass 442	13.4 (18.7)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0812	X5960	08/12/04	0941
02	KWFCGS-40-0704	WU2178-2	X5970	08/12/04	1709
03	KWFCGS-54-0704	WU2178-4	X5972	08/12/04	1838
04	KWFCGS-55-0704	WU2178-5	X5973	08/12/04	1923
05	KWFCGS-07-0704	WU2178-6	X5974	08/12/04	2007
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD322 DFTPP Injection Date: 08/16/04

Instrument ID: GCMS-X DFTPP Injection Time: 0858

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.3 (0.5)1
69	Less than 100.0% of mass 198	57.3
70	Less than 2.0% of mass 69	0.2 (0.4)1
127	40.0 - 60.0% of mass 198	43.0
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.8
275	10.0 - 30.0% of mass 198	25.5
365	1.0 - 100.0% of mass 198	3.3
441	0.0 - 100.0% of mass 443	14.9 (93.6)2
442	40.0 - 100.0% of mass 198	86.4
443	17.0 - 23.0% of mass 442	15.9 (18.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0816	X5991	08/16/04	0922
02		SSTD3.00X0816	X5992	08/16/04	1007
03		SSTD2.00X0816	X5993	08/16/04	1051
04		SSTD0.50X0816	X5994	08/16/04	1136
05		SSTD0.20X0816	X5996	08/16/04	1310
06	WG8775-LCS	WG8775-2	X5999	08/16/04	1621
07	KWFCGS-58-0704MS	WG8775-3	X6000	08/16/04	1706
08	KWFCGS-58-0704MSD	WG8775-4	X6001	08/16/04	1750
09	KWFCGS-22-0704	WU2178-7	X6002	08/16/04	1834
10	KWFCGS-26-0704	WU2178-8	X6003	08/16/04	1919
11	KWFCGS-27-0704	WU2178-9	X6004	08/16/04	2004
12	KWFCGS-28-0704	WU2178-10	X6005	08/16/04	2048
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD323 DFTPP Injection Date: 08/17/04

Instrument ID: GCMS-X DFTPP Injection Time: 1020

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	50.6
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	62.6
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	43.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.3
275	10.0 - 30.0% of mass 198	23.6
365	1.0 - 100.0% of mass 198	2.9
441	0.0 - 100.0% of mass 443	10.0 (57.5)2
442	40.0 - 100.0% of mass 198	94.0
443	17.0 - 23.0% of mass 442	17.4 (18.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0817	X6009	08/17/04	1048
02	WG8775-BLANK	WG8775-1RA2	X6010	08/17/04	1140
03	KWFCGS-35-0704	WU2178-1RA	X6011	08/17/04	1224
04	KWFCGS-55-0704	WU2178-5RA	X6012	08/17/04	1309
05	KWFCGS-32-0704	WU2178-11RA	X6013	08/17/04	1354
06	KWFCRB010704	WU2178-21RA	X6014	08/17/04	1438
07	KWFCGS-50-0704	WU2178-3DL	X6015	08/17/04	1523
08	KWFCGS-54-0704	WU2178-4DL	X6016	08/17/04	1607
09	KWFCGS-07-0704	WU2178-6DL	X6017	08/17/04	1651
10	KWFCGS-22-0704	WU2178-7DL	X6018	08/17/04	1735
11	KWFCGS-37-0704	WU2178-12DL	X6021	08/17/04	1949
12	KWFCGS-32-0704	WU2178-11DL	X6022	08/17/04	2034
13	KWFCGS-50-0704	WU2178-3RA	X6023	08/17/04	2118
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID: XD324 DFTPP Injection Date: 08/18/04

Instrument ID: GCMS-X DFTPP Injection Time: 0854

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Less than 100.0% of mass 198	64.0
70	Less than 2.0% of mass 69	0.0 (0.1)1
127	40.0 - 60.0% of mass 198	43.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	23.7
365	1.0 - 100.0% of mass 198	2.8
441	0.0 - 100.0% of mass 443	13.7 (93.1)2
442	40.0 - 100.0% of mass 198	78.2
443	17.0 - 23.0% of mass 442	14.7 (18.8)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD1.00X0818	X6025	08/18/04	0917
02	KWFCGS-27-0704	WU2178-9DL	X6026	08/18/04	1008
03	KWFCGS-28-0704	WU2178-10DL	X6027	08/18/04	1053
04	KWFCGS-36-0704	WU2178-13DL	X6028	08/18/04	1138
05	KWFCGS-30-0704	WU2178-17DL	X6029	08/18/04	1222
06	KWFCGS-26-0704	WU2178-8DL	X6032	08/18/04	1436
07	KWFCGS-49-0704	WU2178-18DL	X6033	08/18/04	1520
08	KWFCGS-40-0704	WU2178-2DL	X6034	08/18/04	1605
09	KWFCGS-36-0704	WU2178-13RA	X6035	08/18/04	1650
10	KWFCGS-37-0704	WU2178-12RA	X6036	08/18/04	1735
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FORM V SV

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): K7613 Date Analyzed: 08/16/04

Instrument ID: GCMS-K Time Analyzed: 1306

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		19197	9.71	62871	12.52	34621	16.61
UPPER LIMIT		38394	10.21	125742	13.02	69242	17.11
LOWER LIMIT		9599	9.21	31436	12.02	17311	16.11
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG8775-BLANK	WG8775-1RA	19036	9.72	70151	12.52	30565	16.62
02	KWFCFD01-0704	WU2178-19	22256	9.69	77448	12.48	41283	16.61
03	KWFCGS-49-0704	WU2178-18	35865	9.67	343544*	12.47	72584*	16.60
04	KWFCGS-30-0704	WU2178-17	15138	9.68	52153	12.47	24616	16.61
05	KWFCGS-58-0704	WU2178-16	22553	9.71	77518	12.50	40683	16.61
06	KWFCGS-42-0704	WU2178-15	24458	9.69	87426	12.48	44478	16.61
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): K7613 Date Analyzed: 08/16/04

Instrument ID: GCMS-K Time Analyzed: 1306

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD		37668	20.06	17063	26.39	11895	29.58
UPPER LIMIT		75336	20.56	34126	26.89	23790	30.08
LOWER LIMIT		18834	19.56	8532	25.89	5948	29.08
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8775-BLANK	WG8775-1RA	41386	20.08	22627	26.39	13520	29.58
02 KWFCFD01-0704	WU2178-19	62058	20.06	26437	26.39	16786	29.58
03 KWFCGS-49-0704	WU2178-18	113339*	20.06	68800*	26.38	48963*	29.58
04 KWFCGS-30-0704	WU2178-17	32908	20.08	13829	26.40	8745	29.58
05 KWFCGS-58-0704	WU2178-16	65588	20.06	29408	26.40	19328	29.58
06 KWFCGS-42-0704	WU2178-15	71456	20.06	33262	26.38	21595	29.58
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): K7625 Date Analyzed: 08/17/04

Instrument ID: GCMS-K Time Analyzed: 1255

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		15770	9.73	51768	12.53	20064	16.62
UPPER LIMIT		31540	10.23	103536	13.03	40128	17.12
LOWER LIMIT		7885	9.23	25884	12.03	10032	16.12
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 KWFCGS-38-0704	WU2178-14DL	16240	9.72	53880	12.50	24973	16.62
02 KWFCGS-42-0704	WU2178-15DL	13781	9.73	43194	12.52	17716	16.64
03 KWFCGS-49-0704	WU2178-18DL	19679	9.71	61875	12.47	29908	16.62
04 KWFCFD01-0704	WU2178-19DL	14282	9.74	47257	12.52	18212	16.64
05 KWFCFD02-0704	WU2178-20DL	13990	9.72	43363	12.51	18054	16.64
06 KWFCGS-38-0704	WU2178-14RA	14302	9.69	43237	12.48	22321	16.61
07 KWFCFD02-0704	WU2178-20RA	19144	9.69	68178	12.48	35011	16.61
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): K7625 Date Analyzed: 08/17/04

Instrument ID: GCMS-K Time Analyzed: 1255

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		27118	20.08	10874	26.40	6760	29.59
UPPER LIMIT		54236	20.58	21748	26.90	13520	30.09
LOWER LIMIT		13559	19.58	5437	25.90	3380	29.09
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	KWFCGS-38-0704	WU2178-14DL	34751	20.08	11488	26.41	7693	29.59
02	KWFCGS-42-0704	WU2178-15DL	24885	20.08	7893	26.42	4883	29.60
03	KWFCGS-49-0704	WU2178-18DL	43832	20.08	13833	26.41	7792	29.59
04	KWFCFD01-0704	WU2178-19DL	26903	20.08	9201	26.41	5495	29.60
05	KWFCFD02-0704	WU2178-20DL	24921	20.08	8050	26.41	4720	29.60
06	KWFCGS-38-0704	WU2178-14RA	35668	20.06	16656	26.40	11610	29.58
07	KWFCFD02-0704	WU2178-20RA	47784	20.08	20841	26.40	11465	29.59
08								
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19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5840 Date Analyzed: 07/27/04

Instrument ID: GCMS-X Time Analyzed: 1040

	IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD	24208	6.84	90739	9.66	47719	13.71
UPPER LIMIT	48416	7.34	181478	10.16	95438	14.21
LOWER LIMIT	12104	6.34	45370	9.16	23860	13.21

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8723-BLANK	WG8723-1	24736	6.84	94554	9.67	48894	13.71
02	WG8723-LCS	WG8723-2	27875	6.84	96218	9.66	50847	13.71
03	WG8723-LCSD	WG8723-3	28230	6.84	99306	9.67	51017	13.71
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5840 Date Analyzed: 07/27/04

Instrument ID: GCMS-X Time Analyzed: 1040

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		78849	17.06	49315	23.23	30648	26.30
UPPER LIMIT		157698	17.56	98630	23.73	61296	26.80
LOWER LIMIT		39425	16.56	24658	22.73	15324	25.80
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8723-BLANK	WG8723-1	78949	17.06	55607	23.23	31963	26.30
02 WG8723-LCS	WG8723-2	84839	17.06	68253	23.23	40580	26.31
03 WG8723-LCSD	WG8723-3	82009	17.06	60494	23.23	34936	26.31
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5960 Date Analyzed: 08/12/04

Instrument ID: GCMS-X Time Analyzed: 0941

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		17881	6.73	53801	9.55	23710	13.59
UPPER LIMIT		35762	7.23	107602	10.05	47420	14.09
LOWER LIMIT		8941	6.23	26901	9.05	11855	13.09
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 KWFCGS-40-0704	WU2178-2	18124	6.73	65053	9.56	34557	13.59
02 KWFCGS-54-0704	WU2178-4	14096	6.73	45521	9.55	19519	13.59
03 KWFCGS-55-0704	WU2178-5	20892	6.73	69202	9.55	33496	13.59
04 KWFCGS-07-0704	WU2178-6	18775	6.73	60136	9.54	29805	13.59
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5960 Date Analyzed: 08/12/04

Instrument ID: GCMS-X Time Analyzed: 0941

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		31581	16.95	11933	23.09	6115	26.17
UPPER LIMIT		63162	17.45	23866	23.59	12230	26.67
LOWER LIMIT		15791	16.45	5967	22.59	3058	25.67
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	KWFCGS-40-0704	WU2178-2	32347	16.95	11445	23.10	5740	26.17
02	KWFCGS-54-0704	WU2178-4	25263	16.95	8688	23.10	2522*	26.17
03	KWFCGS-55-0704	WU2178-5	47792	16.95	30886*	23.10	14438*	26.17
04	KWFCGS-07-0704	WU2178-6	34696	16.95	14764	23.10	6554	26.17
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5991 Date Analyzed: 08/16/04

Instrument ID: GCMS-X Time Analyzed: 0922

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD		24090	6.67	84866	9.48	56854	13.52
UPPER LIMIT		48180	7.17	169732	9.98	113708	14.02
LOWER LIMIT		12045	6.17	42433	8.98	28427	13.02
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8775-LCS	WG8775-2	25407	6.67	88292	9.48	48825	13.54
02 KWFCGS-58-0704MS	WG8775-3	26117	6.67	90485	9.48	49434	13.54
03 KWFCGS-58-0704MSD	WG8775-4	29476	6.67	101633	9.48	56467	13.54
04 KWFCGS-22-0704	WU2178-7	27476	6.67	103879	9.49	66155	13.55
05 KWFCGS-26-0704	WU2178-8	26233	6.67	91639	9.48	53110	13.54
06 KWFCGS-27-0704	WU2178-9	25344	6.67	91108	9.48	52339	13.54
07 KWFCGS-28-0704	WU2178-10	26897	6.67	95650	9.49	53830	13.52
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X5991 Date Analyzed: 08/16/04

Instrument ID: GCMS-X Time Analyzed: 0922

	IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD	73431	16.87	59159	23.02	29588	26.07
UPPER LIMIT	146862	17.37	118318	23.52	59176	26.57
LOWER LIMIT	36716	16.37	29580	22.52	14794	25.57

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8775-LCS	WG8775-2	89574	16.87	81136	23.02	31135	26.09
02	KWFCGS-58-0704MS	WG8775-3	91269	16.87	60531	23.02	23699	26.09
03	KWFCGS-58-0704MSD	WG8775-4	104812	16.87	83741	23.02	28853	26.09
04	KWFCGS-22-0704	WU2178-7	99367	16.87	57202	23.03	22863	26.09
05	KWFCGS-26-0704	WU2178-8	94701	16.87	64321	23.03	20897	26.09
06	KWFCGS-27-0704	WU2178-9	101951	16.87	69252	23.03	22835	26.09
07	KWFCGS-28-0704	WU2178-10	101986	16.87	68976	23.03	23410	26.10
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X6009 Date Analyzed: 08/17/04

Instrument ID: GCMS-X Time Analyzed: 1048

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		34614	6.67	133987	9.49	81646	13.54
UPPER LIMIT		69228	7.17	267974	9.99	163292	14.04
LOWER LIMIT		17307	6.17	66994	8.99	40823	13.04
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8775-BLANK	WG8775-1RA2	28309	6.68	102821	9.49	53175	13.54
02 KWFCGS-35-0704	WU2178-1RA	32746	6.67	125491	9.49	66715	13.54
03 KWFCGS-55-0704	WU2178-5RA	29063	6.67	109480	9.49	61055	13.54
04 KWFCGS-32-0704	WU2178-11RA	33151	6.67	131751	9.49	72955	13.54
05 KWFCRB010704	WU2178-21RA	36114	6.67	125476	9.49	70669	13.54
06 KWFCGS-50-0704	WU2178-3DL	27651	6.68	99782	9.49	46380	13.54
07 KWFCGS-54-0704	WU2178-4DL	26359	6.68	95489	9.49	47416	13.54
08 KWFCGS-37-0704	WU2178-6DL	27462	6.68	95384	9.49	48715	13.54
09 KWFCGS-22-0704	WU2178-7DL	27676	6.68	116119	9.49	63714	13.54
10 KWFCGS-37-0704	WU2178-12DL	25579	6.68	107285	9.49	60523	13.54
11 KWFCGS-32-0704	WU2178-11DL	28357	6.68	112243	9.49	56810	13.54
12 KWFCGS-50-0704	WU2178-3RA	33962	6.67	157744	9.49	71137	13.54
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X6009 Date Analyzed: 08/17/04

Instrument ID: GCMS-X Time Analyzed: 1048

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		96732	16.87	56333	23.02	19358	26.09
UPPER LIMIT		193464	17.37	112666	23.52	38716	26.59
LOWER LIMIT		48366	16.37	28167	22.52	9679	25.59
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG8775-BLANK	WG8775-1RA2	89984	16.87	58443	23.03	19243	26.10
02	KWFCGS-35-0704	WU2178-1RA	115287	16.87	78174	23.03	28960	26.10
03	KWFCGS-55-0704	WU2178-5RA	109240	16.87	67197	23.03	38935*	26.10
04	KWFCGS-32-0704	WU2178-11RA	123617	16.87	69771	23.03	24428	26.10
05	KWFCRB010704	WU2178-21RA	109963	16.87	69910	23.03	27052	26.10
06	KWFCGS-50-0704	WU2178-3DL	64174	16.87	22830*	23.03	7317*	26.10
07	KWFCGS-54-0704	WU2178-4DL	56456	16.87	18778*	23.04	7090*	26.10
08	KWFCGS-07-0704	WU2178-6DL	77596	16.87	23273*	23.03	6991*	26.10
09	KWFCGS-22-0704	WU2178-7DL	109997	16.87	59639	23.03	19716	26.10
10	KWFCGS-37-0704	WU2178-12DL	86039	16.87	47953	23.04	21498	26.10
11	KWFCGS-32-0704	WU2178-11DL	86109	16.87	29552	23.03	9429*	26.10
12	KWFCGS-50-0704	WU2178-3RA	125530	16.87	62997	23.03	24912	26.10
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X6025 Date Analyzed: 08/18/04

Instrument ID: GCMS-X Time Analyzed: 0917

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
12 HOUR STD		31454	6.68	111099	9.49	69923	13.54
UPPER LIMIT		62908	7.18	222198	9.99	139846	14.04
LOWER LIMIT		15727	6.18	55550	8.99	34962	13.04
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 KWFCGS-27-0704	WU2178-9DL	27151	6.68	106486	9.49	51643	13.54
02 KWFCGS-28-0704	WU2178-10DL	31300	6.67	125561	9.49	54061	13.54
03 KWFCGS-36-0704	WU2178-13DL	29012	6.67	103410	9.49	54873	13.54
04 KWFCGS-30-0704	WU2178-17DL	28220	6.68	104178	9.49	44159	13.54
05 KWFCGS-26-0704	WU2178-8DL	30768	6.68	114573	9.49	49003	13.54
06 KWFCGS-49-0704	WU2178-18DL	26175	6.68	100003	9.49	41062	13.54
07 KWFCGS-40-0704	WU2178-2DL	30521	6.68	108608	9.49	49331	13.54
08 KWFCGS-36-0704	WU2178-13RA	29502	6.68	108015	9.49	54243	13.54
09 KWFCGS-37-0704	WU2178-12RA	22055	6.68	158213	9.51	63435	13.57
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IS1 (DCB) = 1,4-Dichlorobenzene-D4
IS2 (NPT) = Naphthalene-D8
IS3 (ANT) = Acenaphthene-D10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-1

FORM 8
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Lab File ID (Standard): X6025 Date Analyzed: 08/18/04

Instrument ID: GCMS-X Time Analyzed: 0917

		IS4(PHN) AREA #	RT #	IS5(CRY) AREA #	RT #	IS6(PRY) AREA #	RT #
12 HOUR STD		87920	16.87	42653	23.03	14828	26.10
UPPER LIMIT		175840	17.37	85306	23.53	29656	26.60
LOWER LIMIT		43960	16.37	21327	22.53	7414	25.60
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	KWFCGS-27-0704	WU2178-9DL	76192	16.87	26492	23.03	7263*	26.10
02	KWFCGS-28-0704	WU2178-10DL	71057	16.87	27104	23.03	9689	26.10
03	KWFCGS-36-0704	WU2178-13DL	80864	16.87	23335	23.05	5249*	26.11
04	KWFCGS-30-0704	WU2178-17DL	53566	16.89	18950*	23.05	6052*	26.10
05	KWFCGS-26-0704	WU2178-8DL	55535	16.89	18105*	23.04	4146*	26.10
06	KWFCGS-49-0704	WU2178-18DL	48445	16.89	16601*	23.04	4509*	26.11
07	KWFCGS-40-0704	WU2178-2DL	59401	16.90	14127*	23.05	6879*	26.10
08	KWFCGS-36-0704	WU2178-13RA	72022	16.87	23489	23.05	7475	26.10
09	KWFCGS-37-0704	WU2178-12RA	102088	16.89	43208	23.04	26445	26.11
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IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

FORM VIII SV-2

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-K Calibration Date(s): 08/12/04 08/12/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1502 1830

LAB FILE ID: RF0.2: K7595 RF0.5: K7594 RF1: K7591
RF2: K7593 RF3: K7592

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	CURVE	COEFFICENTS A0	COEFFICENTS A1	%RSD OR R^2	MAX %RSD OR R^2	
Naphthalene	1.051	0.941	0.996	0.864	0.820	AVRG		0.93458361	10.086	15.000	
2-Methylnaphthalene	0.486	0.471	0.461	0.483	0.443	AVRG		0.46869001	3.766	15.000	
Acenaphthylene	1.163	1.377	1.160	1.562	1.508	AVRG		1.35408141	13.900	15.000	
Acenaphthene	0.848	0.974	0.835	1.017	0.981	AVRG		0.93101036	8.974	15.000	
Fluorene	0.822	1.007	0.881	1.082	1.024	AVRG		0.96312869	11.185	15.000	
Phenanthrene	0.921	0.908	1.029	1.115	1.064	AVRG		1.00735775	8.949	15.000	
Anthracene	0.867	0.830	0.858	0.992	0.964	AVRG		0.90227292	7.884	15.000	
Fluoranthene	0.644	0.641	0.704	0.836	0.773	AVRG		0.71962963	11.752	15.000	
Pyrene	2.591	1.004	2.205	2.013	2.004	AVRG		1.96359691	29.871	15.000	<- OK
Benzo(a)anthracene	0.977	0.387	0.923	0.870	0.849	AVRG		0.80122615	29.564	15.000	<- OK
Chrysene	1.623	1.381	1.365	1.419	1.258	AVRG		1.40904089	9.502	15.000	
Benzo(b)fluoranthene	1.275	1.251	1.169	1.304	1.115	AVRG		1.22266936	6.428	15.000	
Benzo(k)fluoranthene	2.095	1.837	1.836	2.192	2.012	AVRG		1.99449444	7.908	15.000	
Benzo(a)pyrene	1.206	1.191	1.208	1.312	1.175	AVRG		1.21850151	4.420	15.000	
Indeno(1,2,3-cd)pyrene	0.980	0.934	1.039	0.920	0.909	AVRG		0.95628801	5.607	15.000	
Dibenzo(a,h)anthracene	0.682	0.774	0.698	0.681	0.676	AVRG		0.70224983	5.838	15.000	
Benzo(g,h,i)perylene	1.021	1.177	1.136	1.016	1.009	AVRG		1.07173825	7.352	15.000	
1-Methylnaphthalene	0.463	0.472	0.448	0.483	0.440	AVRG		0.46117685	3.787	15.000	
2-Methylnaphthalene-d10	0.319	0.325	0.314	0.338	0.309	AVRG		0.32090957	3.467	15.000	
Fluorene-d10	0.741	0.922	0.779	1.019	0.954	AVRG		0.88297337	13.393	15.000	
Pyrene-d10	4445	12356	27309	84160	89534	LINR	7.96e-002	0.66446520	0.99143	0.99000	

Average %RSD test result.

Calculate Average %RSD: 12.65847492
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date(s): 07/22/04 07/22/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1403 1703

LAB FILE ID: RF0.2: X5808 RF0.5: X5807 RF1: X5804
RF2: X5806 RF3: X5805

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2
Naphthalene	20913	51012	122560	253960	330540	LINR	4.07e-003	1.07945217	0.99086	0.99000
2-Methylnaphthalene	9729	27781	57665	151840	198070	LINR	8.007e-002	1.79354460	0.99848	0.99000
Acenaphthylene	0.991	1.069	1.259	1.245	1.430	AVRG		1.19875213	14.403	15.000
Acenaphthene	0.972	0.972	1.015	0.969	1.146	AVRG		1.01477252	7.457	15.000
Fluorene	0.887	0.991	1.095	1.013	1.183	AVRG		1.03399475	10.802	15.000
Phenanthrene	0.745	0.748	0.896	0.791	0.912	AVRG		0.81863228	9.840	15.000
Anthracene	0.712	0.728	0.852	0.821	0.964	AVRG		0.81539783	12.534	15.000
Fluoranthene	9816	32358	65308	204320	262560	LINR	0.14176550	1.11681536	0.99176	0.99000
Pyrene	1.327	1.287	1.177	1.160	1.148	AVRG		1.22008234	6.678	15.000
Benzo(a)anthracene	0.509	0.494	0.575	0.613	0.651	AVRG		0.56861955	11.740	15.000
Chrysene	1.178	1.175	1.020	1.031	0.987	AVRG		1.07810912	8.476	15.000
Benzo(b)fluoranthene	4826	15606	44132	132630	185720	LINR	0.15861333	0.83901495	0.99254	0.99000
Benzo(k)fluoranthene	1.410	1.662	1.543	1.908	1.920	AVRG		1.68863349	13.285	15.000
Benzo(a)pyrene	1.033	0.854	0.935	1.118	1.184	AVRG		1.02489468	13.018	15.000
Indeno(1,2,3-cd)pyrene	0.581	0.531	0.566	0.506	0.584	AVRG		0.55379491	6.151	15.000
Dibenzo(a,h)anthracene	0.680	0.626	0.730	0.721	0.788	AVRG		0.70897579	8.512	15.000
Benzo(g,h,i)perylene	0.854	1.048	0.999	1.004	1.054	AVRG		0.99164602	8.137	15.000
1-Methylnaphthalene	10504	29383	59382	152770	201540	LINR	7.023e-002	1.77269446	0.99878	0.99000
2-Methylnaphthalene-d10	7357	19243	43210	107240	145350	LINR	8.457e-002	2.46296957	0.99757	0.99000
Fluorene-d10	0.877	0.958	1.128	1.028	1.163	AVRG		1.03064884	11.464	15.000
Pyrene-d10	0.796	0.886	0.826	0.867	0.873	AVRG		0.84961068	4.418	15.000

Average %RSD test result.

Calculate Average %RSD: 12.73290730
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date(s): 08/11/04 08/11/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 1328 1650

LAB FILE ID: RF0.2: X5955 RF0.5: X5954 RF1: X5951
RF2: X5953 RF3: X5952

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2	
Naphthalene	0.902	0.971	0.978	0.885	0.927	AVRG		0.93278785	4.398	15.000	
2-Methylnaphthalene	4547	15700	32563	62609	111600	LINR	6.407e-002	1.80421785	0.99800	0.99000	
Acenaphthylene	5583	16421	39705	73389	139540	LINR	0.10771790	0.63997520	0.99604	0.99000	
Acenaphthene	0.938	1.192	1.175	1.240	1.182	AVRG		1.14556085	10.368	30.000	OK
Fluorene	4262	14805	31125	67381	117730	LINR	0.11096630	0.74369600	0.99746	0.99000	
Phenanthrene	0.768	0.826	0.897	0.954	1.007	AVRG		0.89067496	10.764	15.000	
Anthracene	0.757	0.760	0.829	0.897	1.040	AVRG		0.85648382	13.726	15.000	
Fluoranthene	0.478	0.487	0.627	0.666	0.788	AVRG		0.60935378	21.367	15.000	<-
Pyrene	2.351	2.266	2.149	2.153	2.008	AVRG		2.18542910	5.966	15.000	
Benzo(a)anthracene	0.752	0.762	0.740	0.721	0.767	AVRG		0.74863101	2.508	15.000	
Chrysene	2.039	1.582	1.588	1.762	1.604	AVRG		1.71504140	11.429	15.000	
Benzo(b)fluoranthene	1.233	0.981	1.099	1.039	1.142	AVRG		1.09854912	8.792	15.000	
Benzo(k)fluoranthene	2015	6450	22209	37412	96099	LINR	9.563e-002	0.34987910	0.99346	0.99000	
Benzo(a)pyrene	1.126	1.578	1.534	1.359	1.525	AVRG		1.42413117	13.094	30.000	OK
Indeno(1,2,3-cd)pyrene	0.780	0.526	0.566	0.482	0.595	AVRG		0.59007484	19.407	15.000	<-
Dibenzo(a,h)anthracene	0.659	0.563	0.808	0.593	0.778	AVRG		0.68031327	16.093	15.000	<-
Benzo(g,h,i)perylene	0.844	0.890	1.069	0.840	1.266	AVRG		0.98189779	18.760	15.000	<-
1-Methylnaphthalene	0.395	0.495	0.548	0.528	0.549	AVRG		0.50291391	12.777	15.000	
2-Methylnaphthalene-d10	0.268	0.336	0.338	0.339	0.366	AVRG		0.32946457	11.085	15.000	
Fluorene-d10	3703	12632	27391	52991	100620	LINR	0.11272170	0.88746740	0.99623	0.99000	
Pyrene-d10	1.182	1.320	1.267	1.367	1.293	AVRG		1.28569710	5.347	15.000	

Average %RSD test result.

Calculate Average %RSD: 16.50575829
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date(s): 08/16/04 08/16/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0922 1310

LAB FILE ID: RF0.2: X5996 RF0.5: X5994 RF1: X5991
RF2: X5993 RF3: X5992

COMPOUND	RF0.2	RF0.5	RF1	RF2	RF3	CURVE	COEFFICENTS A0	A1	%RSD OR R^2	MAX %RSD OR R^2	
Naphthalene	0.740	0.763	0.859	0.850	0.853	AVRG		0.81300682	6.974	15.000	
2-Methylnaphthalene	7149	22472	49895	80256	125310	LINR	9.606e-002	1.88726506	0.99815	0.99000	
Acenaphthylene	0.753	0.745	0.614	1.097	1.218	AVRG		0.88557525	29.108	15.000	<-ok
Acenaphthene	0.876	0.823	0.712	0.999	1.026	AVRG		0.88741452	14.576	15.000	
Fluorene	5987	22146	54581	89024	137770	LINR	0.17353290	0.88181348	0.99061	0.99000	
Phenanthrene	0.721	0.674	0.782	0.742	0.761	AVRG		0.73595130	5.606	15.000	
Anthracene	0.598	0.624	0.600	0.721	0.738	AVRG		0.65628900	10.363	15.000	
Fluoranthene	7136	21513	45521	97163	149520	LINR	0.16356520	1.42248479	0.99088	0.99000	
Pyrene	1.093	1.068	1.058	1.320	1.081	AVRG		1.12408624	9.824	15.000	
Benzo(a)anthracene	0.349	0.348	0.484	0.454	0.450	AVRG		0.41712333	15.311	15.000	<-
Chrysene	1.060	0.959	0.958	1.121	0.999	AVRG		1.01920230	6.900	15.000	
Benzo(b)fluoranthene	0.575	0.592	0.803	0.725	0.908	AVRG		0.72057795	19.627	15.000	<-
Benzo(k)fluoranthene	1.244	1.402	1.420	1.645	1.907	AVRG		1.52348474	16.916	15.000	<-
Benzo(a)pyrene	0.807	0.844	0.856	0.938	1.032	AVRG		0.89547599	10.086	15.000	
Indeno(1,2,3-cd)pyrene	0.302	0.347	0.422	0.386	0.313	AVRG		0.35398941	14.242	15.000	
Dibenzo(a,h)anthracene	0.439	0.376	0.484	0.510	0.428	AVRG		0.44727429	11.632	15.000	
Benzo(g,h,i)perylene	0.502	0.651	0.896	0.832	0.624	AVRG		0.70104023	22.941	15.000	<-
1-Methylnaphthalene	7244	23332	48800	81194	127470	LINR	0.10272270	1.85686721	0.99766	0.99000	
2-Methylnaphthalene-d10	5531	16366	34083	62885	97095	LINR	0.12993760	2.41326340	0.99550	0.99000	
Fluorene-d10	7281	23896	57558	92095	141680	LINR	0.15502690	0.86096378	0.99148	0.99000	
Pyrene-d10	0.693	0.716	0.688	0.915	0.768	AVRG		0.75613301	12.489	15.000	

Average %RSD test result.

Calculate Average %RSD: 15.16054249
Maximum Average %RSD: 30.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-K Calibration Date: 08/16/04 Time: 1306

Lab File ID: K7613 Init. Calib. Date(s): 08/12/04 08/12/04

Init. Calib. Times: 1502 1830

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9340000	0.8392900	0.8392900	0.01	-10.14	100.00	AVRG
2-Methylnaphthalene	0.4690000	0.4439200	0.4439200	0.01	-5.35	100.00	AVRG
Acenaphthylene	1.3540000	0.8516000	0.8516000	0.01	-37.10	100.00	AVRG
Acenaphthene	0.9310000	0.8223900	0.8223900	0.01	-11.67	20.00	AVRG
Fluorene	0.9630000	0.7412400	0.7412400	0.01	-23.03	100.00	AVRG
Phenanthrene	1.0070000	0.9145200	0.9145200	0.01	-9.18	100.00	AVRG
Anthracene	0.9020000	0.7299600	0.7299600	0.01	-19.07	100.00	AVRG
Fluoranthene	0.7200000	0.6412600	0.6412600	0.01	-10.94	20.00	AVRG
Pyrene	1.9630000	1.7328000	1.7328000	0.01	-11.73	100.00	AVRG
Benzo(a)anthracene	0.8010000	0.8175400	0.8175400	0.01	2.06	100.00	AVRG
Chrysene	1.4090000	1.1947000	1.1947000	0.01	-15.21	100.00	AVRG
Benzo(b)fluoranthene	1.2230000	0.9723700	0.9723700	0.01	-20.49	100.00	AVRG
Benzo(k)fluoranthene	1.9940000	1.5627000	1.5627000	0.01	-21.63	100.00	AVRG
Benzo(a)pyrene	1.2180000	1.0234000	1.0234000	0.01	-15.98	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9560000	0.9393500	0.9393500	0.01	-1.74	100.00	AVRG
Dibenzo(a,h)anthracene	0.7020000	0.6533200	0.6533200	0.01	-6.93	100.00	AVRG
Benzo(g,h,i)perylene	1.0720000	1.0821000	1.0821000	0.01	0.94	100.00	AVRG
1-Methylnaphthalene	0.4610000	0.4450100	0.4450100	0.01	-3.47	100.00	AVRG
2-Methylnaphthalene-d10	0.3210000	0.3006200	0.3006200	0.01	-6.35	100.00	AVRG
Fluorene-d10	0.8830000	0.7649000	0.7649000	0.01	-13.38	100.00	AVRG
Pyrene-d10	0.8359400	1.0000000	1.1622000	0.01	-16.41	100.00	LINR

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-K Calibration Date: 08/17/04 Time: 1255

Lab File ID: K7625 Init. Calib. Date(s): 08/12/04 08/12/04

Init. Calib. Times: 1502 1830

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9340000	0.8141600	0.8141600	0.01	-12.83	100.00	AVRG
2-Methylnaphthalene	0.4690000	0.4179700	0.4179700	0.01	-10.88	100.00	AVRG
Acenaphthylene	1.3540000	1.2124000	1.2124000	0.01	-10.46	100.00	AVRG
Acenaphthene	0.9310000	0.8806600	0.8806600	0.01	-5.41	20.00	AVRG
Fluorene	0.9630000	1.0228000	1.0228000	0.01	6.21	100.00	AVRG
Phenanthrene	1.0070000	0.8098500	0.8098500	0.01	-19.58	100.00	AVRG
Anthracene	0.9020000	0.7725000	0.7725000	0.01	-14.36	100.00	AVRG
Fluoranthene	0.7200000	0.6457700	0.6457700	0.01	-10.31	20.00	AVRG
Pyrene	1.9630000	1.8991000	1.8991000	0.01	-3.26	100.00	AVRG
Benzo(a)anthracene	0.8010000	0.7367300	0.7367300	0.01	-8.02	100.00	AVRG
Chrysene	1.4090000	1.1731000	1.1731000	0.01	-16.74	100.00	AVRG
Benzo(b)fluoranthene	1.2230000	0.8356200	0.8356200	0.01	-31.67	100.00	AVRG
Benzo(k)fluoranthene	1.9940000	1.5899000	1.5899000	0.01	-20.27	100.00	AVRG
Benzo(a)pyrene	1.2180000	1.0130000	1.0130000	0.01	-16.83	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.9560000	0.7776300	0.7776300	0.01	-18.66	100.00	AVRG
Dibenzo(a,h)anthracene	0.7020000	0.4766900	0.4766900	0.01	-32.10	100.00	AVRG
Benzo(g,h,i)perylene	1.0720000	0.9652100	0.9652100	0.01	-9.96	100.00	AVRG
1-Methylnaphthalene	0.4610000	0.4374700	0.4374700	0.01	-5.10	100.00	AVRG
2-Methylnaphthalene-d10	0.3210000	0.3446100	0.3446100	0.01	7.36	100.00	AVRG
Fluorene-d10	0.8830000	0.9671400	0.9671400	0.01	9.53	100.00	AVRG
Pyrene-d10	0.8444600	1.0000000	1.1750000	0.01	-15.55	100.00	LINR

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date: 07/27/04 Time: 1040

Lab File ID: X5840 Init. Calib. Date(s): 07/22/04 07/22/04

Init. Calib. Times: 1403 1703

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Naphthalene	0.9815900	1.0000000	0.9063300	0.01	-1.84	100.00	LINR	
2-Methylnaphthalene	0.9693300	1.0000000	0.4944900	0.01	-3.07	100.00	LINR	
Acenaphthylene	1.1990000	1.2046000	1.2046000	0.01	0.47	100.00	AVRG	
Acenaphthene	1.0150000	0.9685200	0.9685200	0.01	-4.58	20.00	AVRG	
Fluorene	1.0340000	0.9379600	0.9379600	0.01	-9.29	100.00	AVRG	
Phenanthrene	0.8180000	0.7834100	0.7834100	0.01	-4.23	100.00	AVRG	
Anthracene	0.8150000	0.8087700	0.8087700	0.01	-0.76	100.00	AVRG	
Fluoranthene	0.7960200	1.0000000	0.6112100	0.01	-20.40	20.00	LINR	<-
Pyrene	1.2200000	1.3701000	1.3701000	0.01	12.30	100.00	AVRG	
Benzo(a)anthracene	0.5680000	0.4829200	0.4829200	0.01	-14.98	100.00	AVRG	
Chrysene	1.0780000	1.0759000	1.0759000	0.01	-0.19	100.00	AVRG	
Benzo(b)fluoranthene	0.7041300	1.0000000	0.6879900	0.01	-29.59	100.00	LINR	
Benzo(k)fluoranthene	1.6890000	1.5499000	1.5499000	0.01	-8.24	100.00	AVRG	
Benzo(a)pyrene	1.0250000	0.8761200	0.8761200	0.01	-14.52	20.00	AVRG	
Indeno(1,2,3-cd)pyrene	0.5540000	0.4554200	0.4554200	0.01	-17.79	100.00	AVRG	
Dibenzo(a,h)anthracene	0.7090000	0.5977300	0.5977300	0.01	-15.69	100.00	AVRG	
Benzo(g,h,i)perylene	0.9920000	1.0360000	1.0360000	0.01	4.44	100.00	AVRG	
1-Methylnaphthalene	0.9931900	1.0000000	0.5285800	0.01	-0.68	100.00	LINR	
2-Methylnaphthalene-d10	0.9696200	1.0000000	0.3662100	0.01	-3.04	100.00	LINR	
Fluorene-d10	1.0310000	1.1016000	1.1016000	0.01	6.85	100.00	AVRG	
Pyrene-d10	0.8500000	0.9895700	0.9895700	0.01	16.42	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date: 08/12/04 Time: 0941

Lab File ID: X5960 Init. Calib. Date(s): 08/11/04 08/11/04

Init. Calib. Times: 1328 1650

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.9330000	0.9492600	0.9492600	0.01	1.74	100.00	AVRG
2-Methylnaphthalene	0.9197300	1.0000000	0.4813600	0.01	-8.03	100.00	LINR
Acenaphthylene	0.8103100	1.0000000	1.1315000	0.01	-18.97	100.00	LINR
Acenaphthene	1.1450000	1.0985000	1.0985000	0.01	-4.06	20.00	AVRG
Fluorene	0.8946100	1.0000000	1.0836000	0.01	-10.54	100.00	LINR
Phenanthrene	0.8900000	0.9712400	0.9712400	0.01	9.13	100.00	AVRG
Anthracene	0.8570000	0.8683400	0.8683400	0.01	1.32	100.00	AVRG
Fluoranthene	0.6090000	0.5642400	0.5642400	0.01	-7.35	20.00	AVRG
Pyrene	2.1850000	2.1159000	2.1159000	0.01	-3.16	100.00	AVRG
Benzo(a)anthracene	0.7480000	0.6517700	0.6517700	0.01	-12.86	100.00	AVRG
Chrysene	1.7150000	1.8987000	1.8987000	0.01	10.71	100.00	AVRG
Benzo(b)fluoranthene	1.0990000	1.0738000	1.0738000	0.01	-2.29	100.00	AVRG
Benzo(k)fluoranthene	0.8389000	1.0000000	2.1790000	0.01	-16.11	100.00	LINR
Benzo(a)pyrene	1.4240000	1.2315000	1.2315000	0.01	-13.52	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.5900000	0.4576300	0.4576300	0.01	-22.44	100.00	AVRG
Dibenzo(a,h)anthracene	0.6800000	0.5960400	0.5960400	0.01	-12.35	100.00	AVRG
Benzo(g,h,i)perylene	0.9820000	0.7419100	0.7419100	0.01	-24.45	100.00	AVRG
1-Methylnaphthalene	0.5030000	0.5208800	0.5208800	0.01	3.55	100.00	AVRG
2-Methylnaphthalene-d10	0.3290000	0.3180600	0.3180600	0.01	-3.32	100.00	AVRG
Fluorene-d10	1.0904000	1.0000000	1.1271000	0.01	9.04	100.00	LINR
Pyrene-d10	1.2860000	1.2166000	1.2166000	0.01	-5.40	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date: 08/17/04 Time: 1048

Lab File ID: X6009 Init. Calib. Date(s): 08/16/04 08/16/04

Init. Calib. Times: 0922 1310

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8130000	0.7839800	0.7839800	0.01	-3.57	100.00	AVRG
2-Methylnaphthalene	0.8593000	1.0000000	0.4146000	0.01	-14.07	100.00	LINR
Acenaphthylene	0.8850000	0.8482600	0.8482600	0.01	-4.15	100.00	AVRG
Acenaphthene	0.8870000	0.8478600	0.8478600	0.01	-4.41	20.00	AVRG
Fluorene	0.7576700	1.0000000	0.7017900	0.01	-24.23	100.00	LINR
Phenanthrene	0.7360000	0.7411200	0.7411200	0.01	0.70	100.00	AVRG
Anthracene	0.6560000	0.7200700	0.7200700	0.01	9.77	100.00	AVRG
Fluoranthene	0.9715700	1.0000000	0.5910200	0.01	-2.84	20.00	LINR
Pyrene	1.1240000	1.3529000	1.3529000	0.01	20.36	100.00	AVRG
Benzo(a)anthracene	0.4170000	0.4867000	0.4867000	0.01	16.72	100.00	AVRG
Chrysene	1.0190000	1.0254000	1.0254000	0.01	0.63	100.00	AVRG
Benzo(b)fluoranthene	0.7210000	0.7324700	0.7324700	0.01	1.59	100.00	AVRG
Benzo(k)fluoranthene	1.5240000	1.8926000	1.8926000	0.01	24.19	100.00	AVRG
Benzo(a)pyrene	0.8950000	0.9970400	0.9970400	0.01	11.40	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.3540000	0.3042900	0.3042900	0.01	-14.04	100.00	AVRG
Dibenzo(a,h)anthracene	0.4470000	0.3930600	0.3930600	0.01	-12.07	100.00	AVRG
Benzo(g,h,i)perylene	0.7010000	0.7114800	0.7114800	0.01	1.50	100.00	AVRG
1-Methylnaphthalene	0.8644200	1.0000000	0.4212700	0.01	-13.56	100.00	LINR
2-Methylnaphthalene-d10	0.8788300	1.0000000	0.3210900	0.01	-12.12	100.00	LINR
Fluorene-d10	0.7670200	1.0000000	0.7468300	0.01	-23.30	100.00	LINR
Pyrene-d10	0.7560000	0.8826500	0.8826500	0.01	16.75	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-2

Instrument ID: GCMS-X Calibration Date: 08/18/04 Time: 0917

Lab File ID: X6025 Init. Calib. Date(s): 08/16/04 08/16/04

Init. Calib. Times: 0922 1310

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Naphthalene	0.8130000	0.8887900	0.8887900	0.01	9.32	100.00	AVRG
2-Methylnaphthalene	0.9758600	1.0000000	0.4763600	0.01	-2.41	100.00	LINR
Acenaphthylene	0.8850000	0.8561300	0.8561300	0.01	-3.26	100.00	AVRG
Acenaphthene	0.8870000	0.8135500	0.8135500	0.01	-8.28	20.00	AVRG
Fluorene	0.8607800	1.0000000	0.8187200	0.01	-13.92	100.00	LINR
Phenanthrene	0.7360000	0.8218900	0.8218900	0.01	11.67	100.00	AVRG
Anthracene	0.6560000	0.7593500	0.7593500	0.01	15.75	100.00	AVRG
Fluoranthene	0.9206100	1.0000000	0.5552000	0.01	-7.94	20.00	LINR
Pyrene	1.1240000	1.6748000	1.6748000	0.01	49.00	100.00	AVRG
Benzo(a)anthracene	0.4170000	0.4223800	0.4223800	0.01	1.29	100.00	AVRG
Chrysene	1.0190000	1.0280000	1.0280000	0.01	0.88	100.00	AVRG
Benzo(b)fluoranthene	0.7210000	0.7980600	0.7980600	0.01	10.69	100.00	AVRG
Benzo(k)fluoranthene	1.5240000	1.6988000	1.6988000	0.01	11.47	100.00	AVRG
Benzo(a)pyrene	0.8950000	0.9244700	0.9244700	0.01	3.29	20.00	AVRG
Indeno(1,2,3-cd)pyrene	0.3540000	0.3627200	0.3627200	0.01	2.46	100.00	AVRG
Dibenzo(a,h)anthracene	0.4470000	0.5447000	0.5447000	0.01	21.86	100.00	AVRG
Benzo(g,h,i)perylene	0.7010000	0.7010500	0.7010500	0.01	0.01	100.00	AVRG
1-Methylnaphthalene	1.0128000	1.0000000	0.5011900	0.01	1.28	100.00	LINR
2-Methylnaphthalene-d10	0.9579600	1.0000000	0.3538800	0.01	-4.20	100.00	LINR
Fluorene-d10	0.8620400	1.0000000	0.8572000	0.01	-13.80	100.00	LINR
Pyrene-d10	0.7560000	1.1261000	1.1261000	0.01	48.96	100.00	AVRG

FORM VII PEST

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**SEPTEMBER 16, 2004**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – LEAD**
CTO – 351 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – 3512

SAMPLES: 21/Aqueous/

KWFCFD03-0704	KWFCFD02-0704	KWFCGS-07-0704
KWFCGS-22-0704	KWFCGS-26-0704	KWFCGS-27-0704
KWFCGS-28-0704	KWFCGS-30-0704	KWFCGS-32-0704
KWFCGS-35-0704	KWFCGS-36-0704	KWFCGS-37-0704
KWFCGS-38-0704	KWFCGS-40-0704	KWFCGS-42-0704
KWFCGS-49-0704	KWFCGS-50-0704	KWFCGS-54-0704
KWFCGS-55-0704	KWFCGS-58-0704	KWFCRB010704

Overview

The sample set for CTO 351, NAS Key West, SDG 3512, consists of twenty (20) groundwater environmental samples and one (1) aqueous rinsate blank, KWFCRB010704. Two (2) field duplicate pairs (KWFCFD03-0704 / KWFCGS-32-0704 and KWFCFD02-0704 / KWFCGS-42-0704) are included within this SDG.

All samples were analyzed for lead. The samples were collected by TetraTech NUS on July 17, 18 and 19, 2004 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Lead analyses were conducted using SW-846 method 6010B.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
* • Laboratory Blank Analyses
* • Field Duplicate Results
* • Detection Limits

* - All quality control criteria were met for this parameter.

Notes

Field duplicate sample KWFCFD01-0704 was renamed KWFCFD03-0704 by the project manager.

Executive Summary

Laboratory Performance: No laboratory performance issues affected the data.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Erin M Faust

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is less than sample activity

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCFD02-0704	nsample	KWFCFD03-0704	nsample	KWFCGS-07-0704
samp_date	7/19/2004	samp_date	7/19/2004	samp_date	7/18/2004
lab_id	WU2178-020	lab_id	WU2178-019	lab_id	WU2178-006
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:	KWFCGS-42-0704	DUP_OF:	KWFCGS-32-0704	DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	3.5		

Parameter	Result	Val Qual	Qual Code
LEAD	14.8		

Parameter	Result	Val Qual	Qual Code
LEAD	1.8		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-22-0704	nsample	KWFCGS-26-0704	nsample	KWFCGS-27-0704
samp_date	7/18/2004	samp_date	7/18/2004	samp_date	7/18/2004
lab_id	WU2178-007	lab_id	WU2178-008	lab_id	WU2178-009
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	1.7	U	

Parameter	Result	Val Qual	Qual Code
LEAD	1.7	U	

Parameter	Result	Val Qual	Qual Code
LEAD	6.9		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-28-0704	nsample	KWFCGS-30-0704	nsample	KWFCGS-32-0704
samp_date	7/18/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-010	lab_id	WU2178-017	lab_id	WU2178-011
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	19.6		

Parameter	Result	Val Qual	Qual Code
LEAD	14.0		

Parameter	Result	Val Qual	Qual Code
LEAD	20.1		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-35-0704	nsample	KWFCGS-36-0704	nsample	KWFCGS-37-0704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-001	lab_id	WU2178-013	lab_id	WU2178-012
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	6.9		

Parameter	Result	Val Qual	Qual Code
LEAD	13.8		

Parameter	Result	Val Qual	Qual Code
LEAD	69.4		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-38-0704	nsample	KWFCGS-40-0704	nsample	KWFCGS-42-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/19/2004
lab_id	WU2178-014	lab_id	WU2178-002	lab_id	WU2178-015
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	16.2		

Parameter	Result	Val Qual	Qual Code
LEAD	24.5		

Parameter	Result	Val Qual	Qual Code
LEAD	1.7	U	

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-49-0704	nsample	KWFCGS-50-0704	nsample	KWFCGS-54-0704
samp_date	7/19/2004	samp_date	7/17/2004	samp_date	7/17/2004
lab_id	WU2178-018	lab_id	WU2178-003	lab_id	WU2178-004
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	9.4		

Parameter	Result	Val Qual	Qual Code
LEAD	6.0		

Parameter	Result	Val Qual	Qual Code
LEAD	30.0		

PROJ_NO: 2943

SDG: 3512 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-55-0704	nsample	KWFCGS-58-0704	nsample	KWFCRB010704
samp_date	7/17/2004	samp_date	7/19/2004	samp_date	7/19/2004
lab_id	WU2178-005	lab_id	WU2178-016	lab_id	WU2178-021
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
LEAD	31.5		

Parameter	Result	Val Qual	Qual Code
LEAD	1.7	U	

Parameter	Result	Val Qual	Qual Code
LEAD	1.7	U	

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCFD01-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-019

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	14.8			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCFD02-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-020

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	3.5	B		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-07-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.8	B		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-22-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-26-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-27-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	6.9			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-28-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	19.6			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-30-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-017

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	14.0			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-32-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	20.1			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-35-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	6.9			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-36-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	13.8			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-37-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	69.4			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-38-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	16.2			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-40-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	24.5			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-42-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-49-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-018

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	9.4			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-50-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	6.0			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-54-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	30.0			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-55-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	31.5			P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-58-0704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-016

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCRB010704

Matrix: WATER **SDG Name:** CTO351-2

Percent Solids: 0.00 **Lab Sample ID:** WU2178-021

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

WW2178

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3885 | PAGE 1 OF 2

2, 3, 4, 6

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943	FLYING CLUB - KEY WEST	CHUCK BRYAN	(803)649-7963	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(954) 570-5885	340 COUNTY RD No. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		Fed Ex / 8425 8908 7855		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	PPL VOCs BTEX MTBE	PAH's	LEAD						COMMENTS
7/17/04	15:15	KWFCGS-35-0704	SB-35			GW	G	6	X	X	X						VOC's not preserved
	14:30	KWFCGS-40-0704	SB-40					6	X	X	X						
	13:45	KWFCGS-50-0704	SB-50					6	X	X	X						
	13:15	KWFCGS-54-0704	SB-54					6	X	X	X						
	11:30	KWFCGS-55-0704	SB-55					6	X	X	X						
7/18/04	10:15	KWFCGS-07-0704	SB-07					6	X	X	X						
	9:45	KWFCGS-22-0704	SB-22					6	X	X	X						
	9:15	KWFCGS-26-0704	SB-26					6	X	X	X						
	8:45	KWFCGS-27-0704	SB-27					6	X	X	X						
	8:15	KWFCGS-28-0704	SB-28					6	X	X	X						
7/19/04	8:30	KWFCGS-32-0704	SB-32					6	X	X	X						
	9:15	KWFCGS-37-0704	SB-37					6	X	X	X						
	9:45	KWFCGS-36-0704	SB-36					6	X	X	X						

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Braganza	7/19/04		1. RECEIVED BY [illegible]	7/20/04	0840
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

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FORM NO. TtNUS-001

000012

WU2178

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3705 | PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943	FLYING CLUB-KEY WEST	CHUCK BRYAN	(803)649-7963	KATAHDIN-ANDREA COLBY
SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS	
Gary Bragan	GARY BRAGAN	(954)570-5885	340 COUNTY RD NO. 5	
	CARRIER/WAYBILL NUMBER		CITY, STATE	
	Fed ex / 8425 8908 7855		WESTBROOK, ME	

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	PPL VOC's BTEX + MTBE	PAH's	LEAD					COMMENTS
7/19	10:30	KWFCGS-38-0704	SB-38			GW	G	6	X	X	X					VOC's not preserved
	12:00	KWFCGS-42-0704	SB-42					6	X	X	X					
	13:45	KWFCGS-58-0704	SB-58					14	X	X	X					MS/MSD
	14:15	KWFCGS-30-0704	SB-30					6	X	X	X					VOC's not preserved
		KWFCGS-49-0704	SB-49					6	X	X	X					
		KWFCFD01-0704						6	X	X	X					
		KWFCFD02-0704						6	X	X	X					
	15:15	KWFCRB010704						6	X	X	X					
		KWFCTB010704						6	X							TRIP BLANK

1. RELINQUISHED BY Gary Bragan	DATE 7/19/04	TIME	1. RECEIVED BY [signature]	DATE 7/20/04	TIME 0840
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

000001

HOLDTIME

SDG 3512

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-49-0704	WU2178-018	NM	07/19/2004	08/12/2004	08/17/2004	24	5	29
M	UG/L	KWFCFD01-0704	WU2178-019	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCRB010704	WU2178-021	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCGS-58-0704	WU2178-016	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-55-0704	WU2178-005	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-50-0704	WU2178-003	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-42-0704	WU2178-015	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-40-0704	WU2178-002	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-38-0704	WU2178-014	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-37-0704	WU2178-012	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-07-0704	WU2178-006	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-35-0704	WU2178-001	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
M	UG/L	KWFCGS-32-0704	WU2178-011	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCGS-30-0704	WU2178-017	NM	07/19/2004	08/12/2004	08/17/2004	24	5	29
M	UG/L	KWFCGS-28-0704	WU2178-010	NM	07/18/2004	08/12/2004	08/16/2004	25	4	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-27-0704	WU2178-009	NM	07/18/2004	08/12/2004	08/16/2004	25	4	29
M	UG/L	KWFCGS-26-0704	WU2178-008	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-22-0704	WU2178-007	NM	07/18/2004	08/12/2004	08/17/2004	25	5	30
M	UG/L	KWFCGS-36-0704	WU2178-013	NM	07/19/2004	08/12/2004	08/16/2004	24	4	28
M	UG/L	KWFCFD02-0704	WU2178-020	NM	07/19/2004	08/12/2004	08/30/2004	24	18	42
M	UG/L	KWFCGS-54-0704	WU2178-004	NM	07/17/2004	08/12/2004	08/17/2004	26	5	31
OS	%	KWFCGS-40-0704-PAH	WU2178-2	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-42-0704-PAH	WU2178-15	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-49-0704-PAH	WU2178-18	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-50-0704RA-PA	WU2178-3RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCGS-54-0704-PAH	WU2178-4	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-55-0704-PAH	WU2178-5	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	%	KWFCGS-55-0704RA-PA	WU2178-5RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCRB010704RA-PAH	WU2178-21RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	%	KWFCGS-38-0704RA-PA	WU2178-14RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	%	KWFCGS-27-0704-PAH	WU2178-9	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-58-0704-PAH	WU2178-16	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-22-0704-PAH	WU2178-7	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	KWFCGS-30-0704-PAH	WU2178-17	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-37-0704RA-PA	WU2178-12RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	%	KWFCGS-07-0704-PAH	WU2178-6	NM	07/18/2004	07/21/2004	08/12/2004	3	22	25
OS	%	KWFCFD01-0704-PAH	WU2178-19	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	%	KWFCGS-26-0704-PAH	WU2178-8	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-28-0704-PAH	WU2178-10	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	%	KWFCGS-32-0704RA-PA	WU2178-11RA	NM	07/19/2004	07/21/2004	08/17/2004	2	27	29
OS	%	KWFCGS-35-0704RA-PA	WU2178-1RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	%	KWFCGS-36-0704RA-PA	WU2178-13RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	%	KWFCFD02-0704RA-PAH	WU2178-20RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-35-0704RA-PA	WU2178-1RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-27-0704-PAH	WU2178-9	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-32-0704RA-PA	WU2178-11RA	NM	07/19/2004	07/21/2004	08/17/2004	2	27	29
OS	UG/L	KWFCGS-30-0704-PAH	WU2178-17	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-28-0704-PAH	WU2178-10	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-26-0704-PAH	WU2178-8	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-22-0704-PAH	WU2178-7	NM	07/18/2004	07/21/2004	08/16/2004	3	26	29
OS	UG/L	KWFCGS-07-0704-PAH	WU2178-6	NM	07/18/2004	07/21/2004	08/12/2004	3	22	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	KWFCFD01-0704-PAH	WU2178-19	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-38-0704RA-PA	WU2178-14RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCFD02-0704RA-PAH	WU2178-20RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-58-0704-PAH	WU2178-16	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-37-0704RA-PA	WU2178-12RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	UG/L	KWFCGS-36-0704RA-PA	WU2178-13RA	NM	07/19/2004	07/23/2004	08/18/2004	4	26	30
OS	UG/L	KWFCRB010704RA-PAH	WU2178-21RA	NM	07/19/2004	07/23/2004	08/17/2004	4	25	29
OS	UG/L	KWFCGS-55-0704RA-PA	WU2178-5RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-55-0704-PAH	WU2178-5	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	UG/L	KWFCGS-54-0704-PAH	WU2178-4	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OS	UG/L	KWFCGS-50-0704RA-PA	WU2178-3RA	NM	07/17/2004	07/21/2004	08/17/2004	4	27	31
OS	UG/L	KWFCGS-49-0704-PAH	WU2178-18	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-42-0704-PAH	WU2178-15	NM	07/19/2004	07/23/2004	08/16/2004	4	24	28
OS	UG/L	KWFCGS-40-0704-PAH	WU2178-2	NM	07/17/2004	07/21/2004	08/12/2004	4	22	26
OV	%	KWFCGS-49-0704	WU2178-18	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-37-0704	WU2178-12	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-58-0704	WU2178-16	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-55-0704	WU2178-5	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	KWFCGS-50-0704	WU2178-3RA2	NM	07/17/2004	07/23/2004	07/23/2004	6	0	6
OV	%	KWFCTB010704	WU2178-22	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-42-0704	WU2178-15	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-40-0704	WU2178-2	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCGS-38-0704	WU2178-14	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	%	KWFCRB010704	WU2178-21	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-22-0704RA	WU2178-7RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCGS-54-0704	WU2178-4	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCGS-36-0704	WU2178-13	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	%	KWFCGS-07-0704RA	WU2178-6RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCFD01-0704	WU2178-19	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	%	KWFCGS-26-0704	WU2178-8	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	%	KWFCGS-27-0704RA	WU2178-9RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	%	KWFCGS-28-0704DL2	WU2178-10DL2	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	%	KWFCGS-30-0704	WU2178-17	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	%	KWFCGS-32-0704	WU2178-11	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	%	KWFCGS-35-0704	WU2178-1	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	%	KWFCFD02-0704	WU2178-20	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	KWFCGS-38-0704	WU2178-14	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	UG/L	KWFCGS-40-0704	WU2178-2	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-42-0704	WU2178-15	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCGS-49-0704	WU2178-18	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-50-0704	WU2178-3RA2	NM	07/17/2004	07/23/2004	07/23/2004	6	0	6
OV	UG/L	KWFCGS-54-0704	WU2178-4	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-55-0704	WU2178-5	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-37-0704	WU2178-12	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCRB010704	WU2178-21	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-26-0704	WU2178-8	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5
OV	UG/L	KWFCGS-58-0704	WU2178-16	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-36-0704	WU2178-13	NM	07/19/2004	07/21/2004	07/21/2004	2	0	2
OV	UG/L	KWFCGS-35-0704	WU2178-1	NM	07/17/2004	07/21/2004	07/21/2004	4	0	4
OV	UG/L	KWFCGS-32-0704	WU2178-11	NM	07/19/2004	07/23/2004	07/23/2004	4	0	4
OV	UG/L	KWFCGS-30-0704	WU2178-17	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-27-0704RA	WU2178-9RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	UG/L	KWFCGS-22-0704RA	WU2178-7RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4
OV	UG/L	KWFCGS-07-0704RA	WU2178-6RA	NM	07/18/2004	07/22/2004	07/22/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	KWFCFD02-0704	WU2178-20	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	UG/L	KWFCFD01-0704	WU2178-19	NM	07/19/2004	07/26/2004	07/26/2004	7	0	7
OV	UG/L	KWFCTB010704	WU2178-22	NM	07/19/2004	07/22/2004	07/22/2004	3	0	3
OV	UG/L	KWFCGS-28-0704DL2	WU2178-10DL2	NM	07/18/2004	07/23/2004	07/23/2004	5	0	5

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE NAS KEY WEST; SDG: CTO351-2
WU2178
TASK ORDER MANAGER: CHARLES BRYAN

Sample Receipt

The following samples were received on July 20, 2004 and were logged in under Katahdin Analytical Services work order number WU2178 for a hardcopy due date of August 15, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU2178-1	KWFCGS-35-0704
WU2178-2	KWFCGS-40-0704
WU2178-3	KWFCGS-50-0704
WU2178-4	KWFCGS-54-0704
WU2178-5	KWFCGS-55-0704
WU2178-6	KWFCGS-07-0704
WU2178-7	KWFCGS-22-0704
WU2178-8	KWFCGS-26-0704
WU2178-9	KWFCGS-27-0704
WU2178-10	KWFCGS-28-0704
WU2178-11	KWFCGS-32-0704
WU2178-12	KWFCGS-37-0704
WU2178-13	KWFCGS-36-0704
WU2178-14	KWFCGS-38-0704
WU2178-15	KWFCGS-42-0704
WU2178-16	KWFCGS-58-0704
WU2178-17	KWFCGS-30-0704
WU2178-18	KWFCGS-49-0704
WU2178-19	KWFCFD01-0704
WU2178-20	KWFCFD02-0704
WU2178-21	KWFCRB010704
WU2178-22	KWFCTB010704

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

verification standard. Since the diluted analysis had acceptable internal standard responses, the sample was not reanalyzed.

Samples WU2178-2DL, 3DL, 6DL, 8DL, 9DL, 11DL, 13DL and 17DL had low responses for one or more internal standards, which were outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration verification standard. Since the undiluted analyses had acceptable internal standard responses, the samples were not reanalyzed.

Sample WU2178-5 had a high response for one or more internal standards, which were outside of the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the preceding calibration verification standard. This sample was reanalyzed with similar results. Results for both analyses are reported.

There were four initial calibrations performed for this SDG. The initial calibration analyzed on the K instrument on 08/12/04 had %RSD values for three analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The analytes pyrene and benzo(a)anthracene also failed for the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The initial calibration analyzed on the X instrument on 08/11/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The target analytes fluoranthene, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene and benzo(g,h,i)perylene also failed the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The initial calibration analyzed on the X instrument on 08/16/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, a linear model was used for quantitation instead of an average response factor. The target analytes acenaphthene, benzo(b)fluoranthene, benzo(k)fluoranthene and benzo(g,h,i)perylene also failed the linear model in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

The laboratory method blank WG8775-1RA2 had a high recovery for one surrogate, which was outside the laboratory nominal limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL, the sample was not reanalyzed.

Samples WU2178-3RA, 5RA, 7, 11RA, 13RA and 21RA had high recoveries for one surrogate, which were outside the laboratory nominal limits.

There were no other protocol deviations or observations noted by the organic laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO351-2 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Solid Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample Nos. WU2178-(1-21) were digested for ICP analysis on 08/12/04 (QC Batches UH12ICW0 and UH12ICW1) in accordance with USEPA Method 3010. Katahdin Sample No. WU2178-16 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of SDG CTO351-2 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Matrix QC Summary

The recoveries for lead in the matrix-spike duplicate aliquots of Katahdin Sample No. WU2178-16 are within the laboratory's acceptance criteria (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analysis of Katahdin Sample No. WU2178-16 for lead is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots).

The serial dilution analysis of Katahdin Sample No. WU2178-16 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for lead.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

María Crouch
09.01.04
María Crouch
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO351-2 **SOW No.** SW846

Client Field ID	Lab Sample ID
KWFCFD01-0704	WU2178-019
KWFCFD02-0704	WU2178-020
KWFCGS-07-0704	WU2178-006
KWFCGS-22-0704	WU2178-007
KWFCGS-26-0704	WU2178-008
KWFCGS-27-0704	WU2178-009
KWFCGS-28-0704	WU2178-010
KWFCGS-30-0704	WU2178-017
KWFCGS-32-0704	WU2178-011
KWFCGS-35-0704	WU2178-001
KWFCGS-36-0704	WU2178-013
KWFCGS-37-0704	WU2178-012
KWFCGS-38-0704	WU2178-014
KWFCGS-40-0704	WU2178-002
KWFCGS-42-0704	WU2178-015
KWFCGS-49-0704	WU2178-018
KWFCGS-50-0704	WU2178-003
KWFCGS-54-0704	WU2178-004
KWFCGS-55-0704	WU2178-005
KWFCGS-58-0704	WU2178-016
KWFCGS-58-0704	WU2178-016P
KWFCGS-58-0704	WU2178-016S
KWFCRB010704	WU2178-021

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: George Brewer Name: George Brewer

Date: 08/31/04 Title: Inorganic Dept. Mgr.

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICV

File: AUH14A Aug 14, 2004 13:50

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18200.38	91.0
CALCIUM	20000.0	19958.78	99.8
IRON	20000.0	19758.51	98.8
LEAD	550.0	557.07	101.3
MAGNESIUM	20000.0	20309.07	101.5

SAMPLE: CCV

File: AUH14A Aug 14, 2004 14:30

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46361.96	92.7
CALCIUM	50000.0	49571.98	99.1
IRON	20000.0	19666.21	98.3
LEAD	1000.0	1019.72	102.0
MAGNESIUM	50000.0	49633.52	99.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH14A Aug 14, 2004 15:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47656.65	95.3
CALCIUM	50000.0	51838.02	103.7
IRON	20000.0	20670.05	103.4
LEAD	1000.0	1077.47	107.7
MAGNESIUM	50000.0	51871.78	103.7

SAMPLE: CCV

File: AUH14A Aug 14, 2004 17:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48047.42	96.1
CALCIUM	50000.0	50497.08	101.0
IRON	20000.0	20153.75	100.8
LEAD	1000.0	1027.70	102.8
MAGNESIUM	50000.0	50975.94	102.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH14A Aug 14, 2004 18:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48609.10	97.2
CALCIUM	50000.0	51395.83	102.8
IRON	20000.0	20612.94	103.1
LEAD	1000.0	1052.22	105.2
MAGNESIUM	50000.0	51864.76	103.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICV

File: AUH16A Aug 16, 2004 13:51

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19042.22	95.2
CALCIUM	20000.0	20637.56	103.2
IRON	20000.0	20491.79	102.5
LEAD	550.0	568.09	103.3
MAGNESIUM	20000.0	21111.75	105.6

SAMPLE: CCV

File: AUH16A Aug 16, 2004 14:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50403.04	100.8
CALCIUM	50000.0	52132.70	104.3
IRON	20000.0	20561.00	102.8
LEAD	1000.0	1020.54	102.1
MAGNESIUM	50000.0	52515.44	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH16A Aug 16, 2004 15:51

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47200.95	94.4
CALCIUM	50000.0	51515.24	103.0
IRON	20000.0	20433.04	102.2
LEAD	1000.0	1067.07	106.7
MAGNESIUM	50000.0	51402.54	102.8

SAMPLE: CCV

File: AUH16A Aug 16, 2004 17:15

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48939.18	97.9
CALCIUM	50000.0	51562.23	103.1
IRON	20000.0	20470.52	102.4
LEAD	1000.0	1051.49	105.1
MAGNESIUM	50000.0	51585.65	103.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH16A Aug 16, 2004 17:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47291.10	94.6
CALCIUM	50000.0	52390.86	104.8
IRON	20000.0	20886.34	104.4
LEAD	1000.0	1106.47	110.6
MAGNESIUM	50000.0	51961.54	103.9

SAMPLE: CCV

File: AUH16A Aug 16, 2004 19:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47073.43	94.1
CALCIUM	50000.0	51711.12	103.4
IRON	20000.0	20558.00	102.8
LEAD	1000.0	1075.86	107.6
MAGNESIUM	50000.0	51510.26	103.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH16A Aug 16, 2004 20:37

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48220.45	96.4
CALCIUM	50000.0	52379.18	104.8
IRON	20000.0	20884.91	104.4
LEAD	1000.0	1089.12	108.9
MAGNESIUM	50000.0	52258.12	104.5

SAMPLE: CCV

File: AUH16A Aug 16, 2004 21:57

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48016.14	96.0
CALCIUM	50000.0	52866.46	105.7
IRON	20000.0	21022.91	105.1
LEAD	1000.0	1105.07	110.5 OK
MAGNESIUM	50000.0	52511.04	105.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICV

File: AUH17A Aug 17, 2004 15:08

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18797.60	94.0
CALCIUM	20000.0	20847.28	104.2
IRON	20000.0	20546.14	102.7
LEAD	550.0	574.25	104.4
MAGNESIUM	20000.0	21182.92	105.9

SAMPLE: CCV

File: AUH17A Aug 17, 2004 15:48

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47802.77	95.6
CALCIUM	50000.0	50677.70	101.4
IRON	20000.0	19837.75	99.2
LEAD	1000.0	997.26	99.7
MAGNESIUM	50000.0	50695.93	101.4

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH17A Aug 17, 2004 17:08

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47396.26	94.8
CALCIUM	50000.0	50281.77	100.6
IRON	20000.0	19721.98	98.6
LEAD	1000.0	1007.42	100.7
MAGNESIUM	50000.0	50290.35	100.6

SAMPLE: CCV

File: AUH17A Aug 17, 2004 18:30

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47111.81	94.2
CALCIUM	50000.0	51233.75	102.5
IRON	20000.0	20070.38	100.4
LEAD	1000.0	1040.63	104.1
MAGNESIUM	50000.0	50836.15	101.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH17A Aug 17, 2004 19:51

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46826.21	93.7
CALCIUM	50000.0	51152.51	102.3
IRON	20000.0	19977.29	99.9
LEAD	1000.0	1045.00	104.5
MAGNESIUM	50000.0	50681.36	101.4

SAMPLE: CCV

File: AUH17A Aug 17, 2004 21:11

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46414.11	92.8
CALCIUM	50000.0	52426.63	104.9
IRON	20000.0	20509.76	102.5
LEAD	1000.0	1109.26	110.9
MAGNESIUM	50000.0	51835.50	103.7

ok

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH17A Aug 17, 2004 22:31

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	43663.58	87.3 *
CALCIUM	50000.0	50455.28	100.9
IRON	20000.0	19717.28	98.6
LEAD	1000.0	1082.56	108.3
MAGNESIUM	50000.0	49775.76	99.6

SAMPLE: CCV

File: AUH17A Aug 17, 2004 23:51

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46451.14	92.9
CALCIUM	50000.0	52814.07	105.6
IRON	20000.0	20666.50	103.3
LEAD	1000.0	1126.72	112.7 * ok
MAGNESIUM	50000.0	52061.92	104.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICV

File: AUH30A Aug 30, 2004 12:04

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18643.44	93.2
CALCIUM	20000.0	20639.57	103.2
IRON	20000.0	20414.44	102.1
LEAD	550.0	557.46	101.4
MAGNESIUM	20000.0	21039.86	105.2

SAMPLE: CCV

File: AUH30A Aug 30, 2004 12:46

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46869.81	93.7
CALCIUM	50000.0	49782.24	99.6
IRON	20000.0	19658.10	98.3
LEAD	1000.0	986.08	98.6
MAGNESIUM	50000.0	49731.71	99.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH30A Aug 30, 2004 13:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46558.33	93.1
CALCIUM	50000.0	50381.79	100.8
IRON	20000.0	19883.30	99.4
LEAD	1000.0	1008.45	100.8
MAGNESIUM	50000.0	50132.70	100.3

SAMPLE: CCV

File: AUH30A Aug 30, 2004 14:47

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	46025.21	92.1
CALCIUM	50000.0	50575.20	101.2
IRON	20000.0	19957.35	99.8
LEAD	1000.0	1019.83	102.0
MAGNESIUM	50000.0	50290.72	100.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCV

File: AUH30A Aug 30, 2004 16:08

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	45293.84	90.6
CALCIUM	50000.0	51620.14	103.2
IRON	20000.0	20392.49	102.0
LEAD	1000.0	1067.67	106.8
MAGNESIUM	50000.0	51052.34	102.1

SAMPLE: CCV

File: AUH30A Aug 30, 2004 16:45

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	44778.69	89.6
CALCIUM	50000.0	51605.19	103.2
IRON	20000.0	20452.61	102.3
LEAD	1000.0	1071.82	107.2
MAGNESIUM	50000.0	50880.26	101.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICB

File: AUH14A Aug 14, 2004 13:56

Analyte	Result	C
ALUMINUM	25.61	B
CALCIUM	-4.68	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH14A Aug 14, 2004 14:37

Analyte	Result	C
ALUMINUM	90.80	B
CALCIUM	-17.53	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH14A Aug 14, 2004 15:57

Analyte	Result	C
ALUMINUM	175.37	B
CALCIUM	-11.05	B
IRON	11.74	B
LEAD	1.70	U
MAGNESIUM	23.68	B

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH14A Aug 14, 2004 17:17

Analyte	Result	C
ALUMINUM	107.26	B
CALCIUM	3.13	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	24.42	B

SAMPLE: CCB

File: AUH14A Aug 14, 2004 18:38

Analyte	Result	C
ALUMINUM	46.12	B
CALCIUM	-11.27	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICB

File: AUH16A Aug 16, 2004 13:58

Analyte	Result	C
ALUMINUM	18.30	U
CALCIUM	3.13	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH16A Aug 16, 2004 14:38

Analyte	Result	C
ALUMINUM	18.30	U
CALCIUM	3.13	U
IRON	10.70	U
LEAD	-1.76	B
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH16A Aug 16, 2004 15:58

Analyte	Result	C
ALUMINUM	121.89	B
CALCIUM	3.13	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	14.59	B

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH16A Aug 16, 2004 17:21

Analyte	Result	C
ALUMINUM	121.31	B
CALCIUM	-6.42	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	13.05	B

SAMPLE: CCB

File: AUH16A Aug 16, 2004 18:03

Analyte	Result	C
ALUMINUM	236.63	B
CALCIUM	-16.22	B
IRON	10.70	U
LEAD	-1.82	B
MAGNESIUM	17.06	B

SAMPLE: CCB

File: AUH16A Aug 16, 2004 19:23

Analyte	Result	C
ALUMINUM	188.13	B
CALCIUM	-27.62	B
IRON	10.70	U
LEAD	-2.20	B
MAGNESIUM	7.52	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH16A Aug 16, 2004 20:44

Analyte	Result	C
ALUMINUM	111.79	B
CALCIUM	-12.34	B
IRON	10.70	U
LEAD	-2.25	B
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH16A Aug 16, 2004 22:04

Analyte	Result	C
ALUMINUM	188.06	B
CALCIUM	-17.63	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICB

File: AUH17A Aug 17, 2004 15:15

Analyte	Result	C
ALUMINUM	36.23	B
CALCIUM	3.13	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH17A Aug 17, 2004 15:55

Analyte	Result	C
ALUMINUM	62.53	B
CALCIUM	-3.67	B
IRON	-12.84	B
LEAD	1.70	U
MAGNESIUM	8.69	B

SAMPLE: CCB

File: AUH17A Aug 17, 2004 17:15

Analyte	Result	C
ALUMINUM	115.11	B
CALCIUM	11.97	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	23.97	B

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH17A Aug 17, 2004 18:37

Analyte	Result	C
ALUMINUM	129.11	B
CALCIUM	11.48	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	25.15	B

SAMPLE: CCB

File: AUH17A Aug 17, 2004 19:57

Analyte	Result	C
ALUMINUM	158.55	B
CALCIUM	-13.43	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH17A Aug 17, 2004 21:18

Analyte	Result	C
ALUMINUM	259.45	B
CALCIUM	-15.05	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	12.01	B

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH17A Aug 17, 2004 22:38

Analyte	Result	C
ALUMINUM	280.38	B
CALCIUM	-13.20	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	19.82	B

SAMPLE: CCB

File: AUH17A Aug 17, 2004 23:58

Analyte	Result	C
ALUMINUM	267.61	B
CALCIUM	-23.87	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: ICB

File: AUH30A Aug 30, 2004 12:11

Analyte	Result	C
ALUMINUM	27.98	B
CALCIUM	-3.45	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH30A Aug 30, 2004 12:52

Analyte	Result	C
ALUMINUM	34.21	B
CALCIUM	-8.72	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH30A Aug 30, 2004 13:54

Analyte	Result	C
ALUMINUM	90.22	B
CALCIUM	-13.62	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Concentration Units: ug/L

SAMPLE: CCB

File: AUH30A Aug 30, 2004 14:54

Analyte	Result	C
ALUMINUM	133.06	B
CALCIUM	-19.36	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH30A Aug 30, 2004 16:14

Analyte	Result	C
ALUMINUM	199.91	B
CALCIUM	-27.43	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

SAMPLE: CCB

File: AUH30A Aug 30, 2004 16:51

Analyte	Result	C
ALUMINUM	203.69	B
CALCIUM	-29.66	B
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUH12ICW0

Matrix: WATER **SDG Name:** CTO351-2

QC Batch ID: UH12ICW0

Concentration Units : ug/L

Analyte	RESULT	C
LEAD	1.700	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUH12ICW1

Matrix: WATER **SDG Name:** CTO351-2

QC Batch ID: UH12ICW1

Concentration Units : ug/L

Analyte	RESULT	C
LEAD	1.700	U

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWUH12ICW0

Matrix: WATER **SDG Name:** CTO351-2

QC Batch ID: UH12ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
LEAD	500.0	565.49	113.1	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWUH12ICW1

Matrix: WATER **SDG Name:** CTO351-2

QC Batch ID: UH12ICW1

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
LEAD	500.0	566.03	113.2	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 4/28/2004

Concentration Units: ug/L

Analyte	CRDL	IDL	M
LEAD	5.0	1.70	P

FORM X - IN

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UH12ICW0

Matrix: WATER **SDG Name:** CTO351-2

Method: P **Prep Date:** 08/12/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUH12ICW0	LCSWUH12ICW0	0.05	0.05
PBWUH12ICW0	PBWUH12ICW0	0.05	0.05
KWFCGS-35-0704	WU2178-001	0.05	0.05
KWFCGS-40-0704	WU2178-002	0.05	0.05
KWFCGS-50-0704	WU2178-003	0.05	0.05
KWFCGS-54-0704	WU2178-004	0.05	0.05
KWFCGS-55-0704	WU2178-005	0.05	0.05
KWFCGS-07-0704	WU2178-006	0.05	0.05
KWFCGS-22-0704	WU2178-007	0.05	0.05
KWFCGS-26-0704	WU2178-008	0.05	0.05
KWFCGS-27-0704	WU2178-009	0.05	0.05
KWFCGS-28-0704	WU2178-010	0.05	0.05
KWFCGS-32-0704	WU2178-011	0.05	0.05
KWFCGS-37-0704	WU2178-012	0.05	0.05
KWFCGS-36-0704	WU2178-013	0.05	0.05
KWFCGS-38-0704	WU2178-014	0.05	0.05
KWFCGS-42-0704	WU2178-015	0.05	0.05
KWFCGS-58-0704	WU2178-016	0.05	0.05
KWFCGS-58-0704P	WU2178-016P	0.05	0.05
KWFCGS-58-0704S	WU2178-016S	0.05	0.05
KWFCGS-30-0704	WU2178-017	0.05	0.05
KWFCGS-49-0704	WU2178-018	0.05	0.05
KWFCFD01-0704	WU2178-019	0.05	0.05
KWFCFD02-0704	WU2178-020	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UH12ICW1

Matrix: WATER **SDG Name:** CTO351-2

Method: P **Prep Date:** 08/12/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUH12ICW1	LCSWUH12ICW1	0.05	0.05
PBWUH12ICW1	PBWUH12ICW1	0.05	0.05
KWFCRB010704	WU2178-021	0.05	0.05

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH14A

Date: 8/14/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
S0		1	13:06	Al	Ca	Fe Pb Mg
S1		1	13:13	Al	Ca	Fe Pb Mg
AL IEC		1	13:23	Al	Ca	Fe Pb Mg
FE IEC		1	13:30	Al	Ca	Fe Pb Mg
MN IEC		1	13:36	Al	Ca	Fe Pb Mg
IEC		1	13:43	Al	Ca	Fe Pb Mg
ICV		1	13:50	Al	Ca	Fe Pb Mg
ICB		1	13:56	Al	Ca	Fe Pb Mg
PQL		1	14:03	Al	Ca	Fe Pb Mg
CRI		1	14:10	Al	Ca	Fe Pb Mg
ICSA		1	14:17	Al	Ca	Fe Pb Mg
ICSAB		1	14:23	Al	Ca	Fe Pb Mg
CCV		1	14:30	Al	Ca	Fe Pb Mg
CCB		1	14:37	Al	Ca	Fe Pb Mg
ZZZZZZ		1	14:43			
ZZZZZZ		5	14:50			
ZZZZZZ		1	14:57			
ZZZZZZ		1	15:03			
ZZZZZZ		1	15:10			
ZZZZZZ		1	15:17			
ZZZZZZ		1	15:23			
ZZZZZZ		3	15:30			
PBWUH12ICW1		1	15:37			Pb
LCSWUH12ICW1		1	15:44			Pb
CCV		1	15:50	Al	Ca	Fe Pb Mg
CCB		1	15:57	Al	Ca	Fe Pb Mg
ZZZZZZ		1	16:04			
ZZZZZZ		1	16:10			
ZZZZZZ		1	16:17			
ZZZZZZ		1	16:24			
ZZZZZZ		1	16:30			
ZZZZZZ		5	16:37			
ZZZZZZ		1	16:44			
ZZZZZZ		1	16:50			
ZZZZZZ		1	16:57			
ZZZZZZ		1	17:04			
CCV		1	17:11	Al	Ca	Fe Pb Mg
CCB		1	17:17	Al	Ca	Fe Pb Mg
ZZZZZZ		1	17:24			
ZZZZZZ		1	17:31			
ZZZZZZ		1	17:37			
ZZZZZZ		1	17:44			
ZZZZZZ		1	17:51			
ZZZZZZ		1	17:57			
ZZZZZZ		1	18:04			
CRI		1	18:11	Al	Ca	Fe Pb Mg
ICSA		1	18:17	Al	Ca	Fe Pb Mg
ICSAB		1	18:24	Al	Ca	Fe Pb Mg
CCV		1	18:31	Al	Ca	Fe Pb Mg
CCB		1	18:38	Al	Ca	Fe Pb Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH16A

Date: 8/16/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
S0		1	13:06	Al	Ca	Fe Pb Mg
S1		1	13:12	Al	Ca	Fe Pb Mg
AL IEC		1	13:22	Al	Ca	Fe Pb Mg
FE IEC		1	13:29	Al	Ca	Fe Pb Mg
MN IEC		1	13:36	Al	Ca	Fe Pb Mg
IEC		1	13:42	Al	Ca	Fe Pb Mg
ICV		1	13:51	Al	Ca	Fe Pb Mg
ICB		1	13:58	Al	Ca	Fe Pb Mg
PQL		1	14:04	Al	Ca	Fe Pb Mg
CRI		1	14:11	Al	Ca	Fe Pb Mg
ICSA		1	14:18	Al	Ca	Fe Pb Mg
ICSAB		1	14:24	Al	Ca	Fe Pb Mg
CCV		1	14:31	Al	Ca	Fe Pb Mg
CCB		1	14:38	Al	Ca	Fe Pb Mg
ZZZZZZ		1	14:44			
ZZZZZZ		1	14:51			
ZZZZZZ		1	14:58			
ZZZZZZ		1	15:05			
ZZZZZZ		1	15:11			
ZZZZZZ		1	15:18			
ZZZZZZ		1	15:25			
ZZZZZZ		1	15:31			
ZZZZZZ		5	15:38			
ZZZZZZ		1	15:45			
CCV		1	15:51	Al	Ca	Fe Pb Mg
CCB		1	15:58	Al	Ca	Fe Pb Mg
ZZZZZZ		1	16:05			
ZZZZZZ		1	16:11			
ZZZZZZ		1	16:18			
ZZZZZZ		1	16:25			
ZZZZZZ		1	16:31			
ZZZZZZ		1	16:41			
ZZZZZZ		1	16:48			
CRI		1	16:55	Al	Ca	Fe Pb Mg
ICSA		1	17:01	Al	Ca	Fe Pb Mg
ICSAB		1	17:08	Al	Ca	Fe Pb Mg
CCV		1	17:15	Al	Ca	Fe Pb Mg
CCB		1	17:21	Al	Ca	Fe Pb Mg
ZZZZZZ		5	17:30			
CRI		1	17:36	Al	Ca	Fe Pb Mg
ICSA		1	17:43	Al	Ca	Fe Pb Mg
ICSAB		1	17:50	Al	Ca	Fe Pb Mg
CCV		1	17:56	Al	Ca	Fe Pb Mg
CCB		1	18:03	Al	Ca	Fe Pb Mg
ZZZZZZ		1	18:10			
ZZZZZZ		1	18:16			
ZZZZZZ		1	18:23			
ZZZZZZ		1	18:30			
ZZZZZZ		1	18:36			
ZZZZZZ		1	18:43			

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH16A

Date: 8/16/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
ZZZZZZ		1	18:50			
ZZZZZZ		1	18:56			
ZZZZZZ		1	19:03			
ZZZZZZ		1	19:10			
CCV		1	19:17	Al	Ca	Fe Pb Mg
CCB		1	19:23	Al	Ca	Fe Pb Mg
WU2178-009	KWFCGS-27-0704	1	19:30			Pb
WU2178-010	KWFCGS-28-0704	1	19:37			Pb
WU2178-011	KWFCGS-32-0704	1	19:43			Pb
WU2178-012	KWFCGS-37-0704	1	19:50			Pb
WU2178-013	KWFCGS-36-0704	1	19:57			Pb
WU2178-014	KWFCGS-38-0704	1	20:03			Pb
WU2178-015	KWFCGS-42-0704	1	20:10			Pb
WU2178-016	KWFCGS-58-0704	1	20:17			Pb
WU2178-016L	KWFCGS-58-0704L	5	20:24			Pb
WU2178-016S	KWFCGS-58-0704S	1	20:30			Pb
CCV		1	20:37	Al	Ca	Fe Pb Mg
CCB		1	20:44	Al	Ca	Fe Pb Mg
ZZZZZZ		1	20:50			
ZZZZZZ		1	20:57			
ZZZZZZ		1	21:04			
ZZZZZZ		1	21:10			
ZZZZZZ		1	21:17			
ZZZZZZ		1	21:24			
ZZZZZZ		5	21:31			
CRI		1	21:37	Al	Ca	Fe Pb Mg
ICSA		1	21:44	Al	Ca	Fe Pb Mg
ICSAB		1	21:51	Al	Ca	Fe Pb Mg
CCV		1	21:57	Al	Ca	Fe Pb Mg
CCB		1	22:04	Al	Ca	Fe Pb Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH17A

Date: 8/17/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
S0		1	14:25	Al	Ca	Fe Pb Mg
S1		1	14:31	Al	Ca	Fe Pb Mg
AL IEC		1	14:41	Al	Ca	Fe Pb Mg
FE IEC		1	14:48	Al	Ca	Fe Pb Mg
MN IEC		1	14:55	Al	Ca	Fe Pb Mg
IEC		1	15:01	Al	Ca	Fe Pb Mg
ICV		1	15:08	Al	Ca	Fe Pb Mg
ICB		1	15:15	Al	Ca	Fe Pb Mg
PQL		1	15:21	Al	Ca	Fe Pb Mg
CRI		1	15:28	Al	Ca	Fe Pb Mg
ICSA		1	15:35	Al	Ca	Fe Pb Mg
ICSAB		1	15:42	Al	Ca	Fe Pb Mg
CCV		1	15:48	Al	Ca	Fe Pb Mg
CCB		1	15:55	Al	Ca	Fe Pb Mg
ZZZZZZ		1	16:02			
ZZZZZZ		1	16:08			
ZZZZZZ		1	16:15			
ZZZZZZ		1	16:22			
ZZZZZZ		5	16:28			
ZZZZZZ		2	16:35			
ZZZZZZ		1	16:42			
ZZZZZZ		1	16:48			
ZZZZZZ		1	16:55			
ZZZZZZ		1	17:02			
CCV		1	17:08	Al	Ca	Fe Pb Mg
CCB		1	17:15	Al	Ca	Fe Pb Mg
ZZZZZZ		1	17:22			
ZZZZZZ		1	17:29			
ZZZZZZ		1	17:35			
ZZZZZZ		1	17:42			
PBWUH12ICW0		1	17:49			Pb
LCSWUH12ICW0		1	17:55			Pb
WU2178-001	KWFCGS-35-0704	1	18:02			Pb
CRI		1	18:09	Al	Ca	Fe Pb Mg
ICSA		1	18:17	Al	Ca	Fe Pb Mg
ICSAB		1	18:24	Al	Ca	Fe Pb Mg
CCV		1	18:30	Al	Ca	Fe Pb Mg
CCB		1	18:37	Al	Ca	Fe Pb Mg
WU2178-002	KWFCGS-40-0704	1	18:44			Pb
WU2178-003	KWFCGS-50-0704	1	18:50			Pb
WU2178-004	KWFCGS-54-0704	1	18:57			Pb
WU2178-005	KWFCGS-55-0704	1	19:04			Pb
WU2178-006	KWFCGS-07-0704	1	19:10			Pb
WU2178-007	KWFCGS-22-0704	1	19:17			Pb
WU2178-008	KWFCGS-26-0704	1	19:24			Pb
WU2178-016P	KWFCGS-58-0704P	1	19:30			Pb
WU2178-017	KWFCGS-30-0704	1	19:37			Pb
WU2178-018	KWFCGS-49-0704	1	19:44			Pb
CCV		1	19:51	Al	Ca	Fe Pb Mg
CCB		1	19:57	Al	Ca	Fe Pb Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH17A

Date: 8/17/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
ZZZZZZ		1	20:04			
ZZZZZZ		1	20:11			
ZZZZZZ		1	20:17			
ZZZZZZ		1	20:24			
ZZZZZZ		5	20:31			
ZZZZZZ		1	20:37			
ZZZZZZ		1	20:44			
ZZZZZZ		1	20:51			
ZZZZZZ		1	20:57			
ZZZZZZ		1	21:04			
CCV		1	21:11	Al	Ca	Fe Pb Mg
CCB		1	21:18	Al	Ca	Fe Pb Mg
ZZZZZZ		1	21:24			
ZZZZZZ		1	21:31			
ZZZZZZ		1	21:38			
ZZZZZZ		1	21:44			
ZZZZZZ		1	21:51			
ZZZZZZ		1	21:58			
ZZZZZZ		1	22:04			
ZZZZZZ		1	22:11			
ZZZZZZ		1	22:18			
ZZZZZZ		1	22:24			
CCV		1	22:31	Al	Ca	Fe Pb Mg
CCB		1	22:38	Al	Ca	Fe Pb Mg
ZZZZZZ		1	22:45			
ZZZZZZ		1	22:51			
ZZZZZZ		1	22:58			
ZZZZZZ		1	23:05			
ZZZZZZ		1	23:11			
ZZZZZZ		1	23:18			
ZZZZZZ		1	23:25			
CRI		1	23:31	Al	Ca	Fe Pb Mg
ICSA		1	23:38	Al	Ca	Fe Pb Mg
ICSAB		1	23:45	Al	Ca	Fe Pb Mg
CCV		1	23:51	Al	Ca	Fe Pb Mg
CCB		1	23:58	Al	Ca	Fe Pb Mg

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-2

Instrument ID: TJA TRACE ICP **File Name:** AUH30A

Date: 8/30/2004 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements		
S0		1	11:21	Al	Ca	Fe Pb Mg
S1		1	11:27	Al	Ca	Fe Pb Mg
AL IEC		1	11:37	Al	Ca	Fe Pb Mg
FE IEC		1	11:44	Al	Ca	Fe Pb Mg
MN IEC		1	11:50	Al	Ca	Fe Pb Mg
IEC		1	11:57	Al	Ca	Fe Pb Mg
ICV		1	12:04	Al	Ca	Fe Pb Mg
ICB		1	12:11	Al	Ca	Fe Pb Mg
PQL		1	12:17	Al	Ca	Fe Pb Mg
CRI		1	12:24	Al	Ca	Fe Pb Mg
ICSA		1	12:32	Al	Ca	Fe Pb Mg
ICSAB		1	12:39	Al	Ca	Fe Pb Mg
CCV		1	12:46	Al	Ca	Fe Pb Mg
CCB		1	12:52	Al	Ca	Fe Pb Mg
ZZZZZZ		1	12:59			
ZZZZZZ		1	13:06			
ZZZZZZ		2	13:12			
ZZZZZZ		1	13:19			
ZZZZZZ		1	13:26			
ZZZZZZ		1	13:32			
ZZZZZZ		1	13:39			
CCV		1	13:47	Al	Ca	Fe Pb Mg
CCB		1	13:54	Al	Ca	Fe Pb Mg
WU2178-019	KWFCFD01-0704	1	14:00			Pb
WU2178-020	KWFCFD02-0704	1	14:07			Pb
WU2178-021	KWFCRB010704	1	14:14			Pb
ZZZZZZ		1	14:21			
ZZZZZZ		1	14:27			
ZZZZZZ		1	14:34			
ZZZZZZ		20	14:41			
CCV		1	14:47	Al	Ca	Fe Pb Mg
CCB		1	14:54	Al	Ca	Fe Pb Mg
ZZZZZZ		1	15:01			
ZZZZZZ		1	15:07			
ZZZZZZ		1	15:14			
ZZZZZZ		1	15:21			
ZZZZZZ		1	15:27			
ZZZZZZ		1	15:34			
ZZZZZZ		1	15:41			
ZZZZZZ		1	15:48			
ZZZZZZ		1	15:54			
ZZZZZZ		1	16:01			
CCV		1	16:08	Al	Ca	Fe Pb Mg
CCB		1	16:14	Al	Ca	Fe Pb Mg
CRI		1	16:21	Al	Ca	Fe Pb Mg
ICSA		1	16:31	Al	Ca	Fe Pb Mg
ICSAB		1	16:38	Al	Ca	Fe Pb Mg
CCV		1	16:45	Al	Ca	Fe Pb Mg
CCB		1	16:51	Al	Ca	Fe Pb Mg

FORM XIV - IN

FIELD DUPLICATE PRECISION

ANALYTE	KWFCFD0~~1~~3-0704	KWFCGS-32-0704	RPD	DIFFERENCE
Lead	14.8	20.1	30.37	5.3 OK

ANALYTE	KWFCFD02-0704	KWFCGS-42-0704	RPD	DIFFERENCE
Lead	3.5	1.7U	#VALUE!	~~#VALUE!~~ 3.5

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE: SEPTEMBER 14, 2004**

FROM: **D. SCHLOER** **CC: DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – VOC/PAH/TPH**
CTO 351, NAS KEY WEST
SDG: 3513

SAMPLES: 4/Soil/VOC/PAH/TPH

KWFCFD01-0704 KWFCSB19-04-0704 KWFCSB28-04-0704
KWFCSB46-04-0704

Overview

The sample set for CTO 351; NAS Key West; SDG 3513 consists of four (4) soil environmental samples, including one field duplicate. As detailed above, the samples were analyzed for the Volatile Organic Compounds (VOCs) BTEX and MTBE, Polynuclear Aromatic Hydrocarbons (PAHs), Total Petroleum Hydrocarbons (TPH). One field duplicate pair was included in this SDG: KWFCFD01-0704 and KWFCSB-46-0704.

The samples were collected by Tetra Tech NUS on July 20th, 2004 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using U.S. EPA Test Methods for Evaluating Solid Waste (SW-846) Methods 8260B, 8270C and the Florida Petroleum Residual Organic (FL-PRO) analytical and reporting protocol.

The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
* • Initial and continuing calibration
* • Field Duplicate Results
  • Blank results
* • Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

VOC

The following compound was detected in the laboratory method blanks at the maximum concentration as indicated below:

Compound	Maximum Concentration	Action Level
Toluene	3 µg/kg	15 µg/kg

Blank Actions:

- Value < Action level and < reporting limit (RL); report value at RL, followed by a U.
- Value < Action level and > RL; report value, followed by a U.
- Value > Action level; report value unqualified.

An action level of 5X the maximum detected concentration was established to evaluate blank contamination for toluene. Sample aliquots, percent moisture, and dilution factors were taken into consideration during the application of the blank action level. No results for toluene were qualified due to method blank contamination.

The VOC surrogates dibromofluoromethane and 1,2-dichloroethane-d4 were recovered above their respective quality control limits for the analysis of sample KWFCSB28-04-0704. The sample was re-extracted and reanalyzed. The surrogates dibromofluoromethane and p-bromofluorobenzene were recovered above their respective quality control limits. Only nondetected results were reported in the original sample and these were accepted without qualification and used for data validation purposes.

The VOC surrogate 1,2-dichloroethane-d4 was recovered above the 61%-120% quality control limit for the analysis of sample KWFCSB46-04-0704. The sample was re-analyzed. The surrogates toluene-d8 and p-bromofluorobenzene were recovered below their respective quality control limits (but were > 10%). The original analysis also yielded poor internal standard recoveries that warrant the rejection of analytical data. However, the re-analysis yielded acceptable internal standard recoveries and data qualification would be limited to estimation. Therefore, the nondetected results reported from the re-analyses were qualified as estimated (UJ) and used for data validation purposes.

PAH

No data quality issues were noted.

TPH

The following compound was detected in the laboratory method blanks at the maximum concentration as indicated below:

Compound	Maximum Concentration	Action Level
DRO	2.4 mg/kg	12 mg/kg

Blank Actions:

- Value < Action level and < reporting limit (RL); report value at RL, followed by a U.
- Value < Action level and > RL; report value, followed by a U.
- Value > Action level; report value unqualified.

An action level of 5X the maximum detected concentration was established to evaluate blank contamination for DRO. Sample aliquots, percent moisture, and dilution factors were taken into consideration during the application of all blank action levels. Positive results for DRO were qualified as nondetected (U), due to laboratory method blank contamination.

The laboratory prepared and analyzed a Matrix Spike/Matrix Spike Duplicate (MS/MSD) for sample KWFCSB28-04-0704. All spiked compound recoveries and Relative Percent Difference (RPD) were acceptable.

Additional Comments

Field duplicate precision was evaluated for the field duplicate pair: KWFCFD01-0704 and KWFCSB-46-0704. Precision is assessed by calculating the Relative Percent Difference (RPD) between positive results. RPDs that exceed the 50% quality control limit (for solid matricies) are considered for data validation action. No VOCs were reported in the field duplicate pair. The target PAHs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene and pyrene were detected in the original sample KWFCSB46-04-0704 but not in the duplicate sample KWFCFD01-0704, resulting in RPDs of 200%. However, no data validation action was taken because all of the positive PAHs were less than 2X the reporting limit. TPH detected in the original sample KWFCSB46-04-0704 but not in the duplicate sample KWFCFD01-0704, resulting in a RPD of 200%. The positive TPH result was qualified as estimated (J) in sample KWFCSB46-04-0704, due to field duplicate imprecision. No data validation action was taken for the nondetected TPH result in KWFCFD01-0704 because it was previously qualified as nondetected due to method blank contamination.

Nondetected organic compounds were reported to the method detection limits (MDLs); positive results greater than the MDL but less than the sample-specific Reporting Limit (RL) were qualified as estimated (J) due to uncertainty near the detection limit.

The VOC reporting limits in the database for the reanalysis of KWFCSB46-04-0704 did not match those reported on the sample result Form I. The reviewer amended the database to reflect the reporting limits on the Form I.

EXECUTIVE SUMMARY

Laboratory Performance Issues: VOC surrogate noncompliances affected one sample.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99) and the NFESC guidelines entitled "Navy IRCDQM" (September, 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS

Douglas Schloer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCFD01-0704	nsample	KWFCSB19-04-0704	nsample	KWFCSB28-04-0704
samp_date	7/20/2004	samp_date	7/20/2004	samp_date	7/20/2004
lab_id	WU2193-4	lab_id	WU2193-1	lab_id	WU2193-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.4	Pct_Solids	85.6	Pct_Solids	91.6
DUP_OF:	KWFCSB46-04-0704	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	5	U	
ETHYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL TERT-BUTYL ETHER	10	U	
O-XYLENE	5	U	
TOLUENE	5	U	
TOTAL XYLENES	15	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	5	U	
ETHYLBENZENE	5	U	
M+P-XYLENES	10	U	
METHYL TERT-BUTYL ETHER	10	U	
O-XYLENE	5	U	
TOLUENE	5	U	
TOTAL XYLENES	15	U	

Parameter	Result	Val Qual	Qual Code
BENZENE	6	U	
ETHYLBENZENE	6	U	
M+P-XYLENES	12	U	
METHYL TERT-BUTYL ETHER	12	U	
O-XYLENE	6	U	
TOLUENE	6	U	
TOTAL XYLENES	18	U	

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB46-04-0704
samp_date	7/20/2004
lab_id	WU2193-3RA
qc_type	NM
units	UG/KG
Pct_Solids	87.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
BENZENE	6	UJ	R
ETHYLBENZENE	6	UJ	R
M+P-XYLENES	11	UJ	R
METHYL TERT-BUTYL ETHER	11	UJ	R
O-XYLENE	6	UJ	R
TOLUENE	6	UJ	R
TOTAL XYLENES	17	UJ	R

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: PAH

nsample	KWFCFD01-0704	nsample	KWFCSB19-04-0704	nsample	KWFCSB28-04-0704
samp_date	7/20/2004	samp_date	7/20/2004	samp_date	7/20/2004
lab_id	WU2193-4	lab_id	WU2193-1	lab_id	WU2193-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.4	Pct_Solids	85.6	Pct_Solids	91.6
DUP_OF:	KWFCSB46-04-0704	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	390	U	
2-METHYLNAPHTHALENE	390	U	
ACENAPHTHENE	390	U	
ACENAPHTHYLENE	390	U	
ANTHRACENE	390	U	
BENZO(A)ANTHRACENE	390	U	
BENZO(A)PYRENE	390	U	
BENZO(B)FLUORANTHENE	390	U	
BENZO(G,H,I)PERYLENE	390	U	
BENZO(K)FLUORANTHENE	390	U	
CHRYSENE	390	U	
DIBENZO(A,H)ANTHRACENE	390	U	
FLUORANTHENE	390	U	
FLUORENE	390	U	
INDENO(1,2,3-CD)PYRENE	390	U	
NAPHTHALENE	390	U	
PHENANTHRENE	390	U	
PYRENE	390	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	380	U	
2-METHYLNAPHTHALENE	380	U	
ACENAPHTHENE	380	U	
ACENAPHTHYLENE	380	U	
ANTHRACENE	380	U	
BENZO(A)ANTHRACENE	380	U	
BENZO(A)PYRENE	380	U	
BENZO(B)FLUORANTHENE	380	U	
BENZO(G,H,I)PERYLENE	380	U	
BENZO(K)FLUORANTHENE	380	U	
CHRYSENE	380	U	
DIBENZO(A,H)ANTHRACENE	380	U	
FLUORANTHENE	380	U	
FLUORENE	380	U	
INDENO(1,2,3-CD)PYRENE	380	U	
NAPHTHALENE	380	U	
PHENANTHRENE	380	U	
PYRENE	380	U	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	360	U	
2-METHYLNAPHTHALENE	360	U	
ACENAPHTHENE	360	U	
ACENAPHTHYLENE	360	U	
ANTHRACENE	360	U	
BENZO(A)ANTHRACENE	360	U	
BENZO(A)PYRENE	360	U	
BENZO(B)FLUORANTHENE	360	U	
BENZO(G,H,I)PERYLENE	360	U	
BENZO(K)FLUORANTHENE	360	U	
CHRYSENE	360	U	
DIBENZO(A,H)ANTHRACENE	360	U	
FLUORANTHENE	360	U	
FLUORENE	360	U	
INDENO(1,2,3-CD)PYRENE	360	U	
NAPHTHALENE	360	U	
PHENANTHRENE	360	U	
PYRENE	360	U	

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: PAH

nsample	KWFCSB46-04-0704
samp_date	7/20/2004
lab_id	WU2193-3
qc_type	NM
units	UG/KG
Pct_Solids	87.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1-METHYLNAPHTHALENE	380	U	
2-METHYLNAPHTHALENE	380	U	
ACENAPHTHENE	380	U	
ACENAPHTHYLENE	380	U	
ANTHRACENE	380	U	
BENZO(A)ANTHRACENE	110	J	P
BENZO(A)PYRENE	98	J	P
BENZO(B)FLUORANTHENE	110	J	P
BENZO(G,H,I)PERYLENE	380	U	
BENZO(K)FLUORANTHENE	96	J	P
CHRYSENE	99	J	P
DIBENZO(A,H)ANTHRACENE	380	U	
FLUORANTHENE	89	J	P
FLUORENE	380	U	
INDENO(1,2,3-CD)PYRENE	380	U	
NAPHTHALENE	380	U	
PHENANTHRENE	380	U	
PYRENE	120	J	P

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: PET

nsample	KWFCFD01-0704	nsample	KWFCSB19-04-0704	nsample	KWFCSB28-04-0704
samp_date	7/20/2004	samp_date	7/20/2004	samp_date	7/20/2004
lab_id	WU2193-4	lab_id	WU2193-1	lab_id	WU2193-2
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	84.4	Pct_Solids	85.6	Pct_Solids	91.6
DUP_OF:	KWFCSB46-04-0704	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	24	U	A

Parameter	Result	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	23	U	A

Parameter	Result	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	50		

PROJ_NO: 2943

SDG: 3513 MEDIA: SOIL DATA FRACTION: PET

nsample	KWFCSB46-04-0704
samp_date	7/20/2004
lab_id	WU2193-3
qc_type	NM
units	MG/KG
Pct_Solids	87.4
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
TOTAL PETROLEUM HYDROCARBONS	49	J	G

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 07/30/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WU2193-4
Client ID: KWFCFD01-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8900
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5	1.0	5	5	0.5
71-43-2	Benzene	U	5	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.5
	m+p-Xylenes	U	10	1.0	10	10	1
95-47-6	o-Xylene	U	5	1.0	5	5	0.7
1330-20-7	Xylenes (total)	U	15	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	10	1.0	10	10	1
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		105%				
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 07/30/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WU2193-1
Client ID: KWFCSB19-04-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8900
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5	1.0	5	5	0.5
71-43-2	Benzene	U	5	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.6
	m+p-Xylenes	U	10	1.0	10	10	1
95-47-6	o-Xylene	U	5	1.0	5	5	0.7
1330-20-7	Xylenes (total)	U	15	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	10	1.0	10	10	1
1868-53-7	Dibromofluoromethane		114%				
17060-07-0	1,2-Dichloroethane-D4		119%				
2037-26-5	Toluene-D8		115%				
460-00-4	P-Bromofluorobenzene		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 07/30/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WU2193-2
Client ID: KWFCSB28-04-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8900
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	6	1.0	5	6	0.8
71-43-2	Benzene	U	6	1.0	5	6	0.9
100-41-4	Ethylbenzene	U	6	1.0	5	6	0.8
	m+p-Xylenes	U	12	1.0	10	12	2
95-47-6	o-Xylene	U	6	1.0	5	6	1.0
1330-20-7	Xylenes (total)	U	18	1.0	15	18	2
1634-04-4	Methyl tert-butyl ether	U	12	1.0	10	12	1
1868-53-7	Dibromofluoromethane		*121%				
17060-07-0	1,2-Dichloroethane-D4		*123%				
2037-26-5	Toluene-D8		120%				
460-00-4	P-Bromofluorobenzene		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 08/02/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 91.6

Lab ID: WU2193-2RA
Client ID: KWFCSB28-04-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8942
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5	1.0	5	5	0.7
71-43-2	Benzene	U	5	1.0	5	5	0.8
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.7
	m+p-Xylenes	U	11	1.0	10	11	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
1330-20-7	Xylenes (total)	U	16	1.0	15	16	2
1634-04-4	Methyl tert-butyl ether	U	11	1.0	10	11	1
1868-53-7	Dibromofluoromethane		*120%				
17060-07-0	1,2-Dichloroethane-D4		119%				
2037-26-5	Toluene-D8		119%				
460-00-4	P-Bromofluorobenzene		*145%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 07/30/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WU2193-3
Client ID: KWFCSB46-04-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8900
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5	1.0	5	5	0.5
71-43-2	Benzene	U	5	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.5
	m+p-Xylenes	U	10	1.0	10	10	1
95-47-6	o-Xylene	U	5	1.0	5	5	0.6
1330-20-7	Xylenes (total)	U	15	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	10	1.0	10	10	1.0
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		*141%				
2037-26-5	Toluene-D8		81%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date:
Analysis Date: 08/02/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 87.4

Lab ID: WU2193-3RA
Client ID: KWFCSB46-04-0704
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8942
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	6	1.0	5	6	0.7
71-43-2	Benzene	U	6	1.0	5	6	0.8
100-41-4	Ethylbenzene	U	6	1.0	5	6	0.7
	m+p-Xylenes	U	11	1.0	10	11	2
95-47-6	o-Xylene	U	6	1.0	5	6	0.9
1330-20-7	Xylenes (total)	U	17	1.0	15	17	2
1634-04-4	Methyl tert-butyl ether	U	11	1.0	10	11	1
1868-53-7	Dibromofluoromethane		73%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		* 34%				
460-00-4	P-Bromofluorobenzene		* 22%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/26/04
Analysis Date: 07/28/04
Report Date: 07/30/2004
Matrix: SOIL
% Solids: 84.4

Lab ID: WU2193-4
Client ID: KWFCFD01-0704
SDG: CTO351-3
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG8794
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	390	1.0	330	390	44
91-57-6	2-Methylnaphthalene	U	390	1.0	330	390	180
90-12-0	1-Methylnaphthalene	U	390	1.0	330	390	200
208-96-8	Acenaphthylene	U	390	1.0	330	390	32
83-32-9	Acenaphthene	U	390	1.0	330	390	42
86-73-7	Fluorene	U	390	1.0	330	390	32
85-01-8	Phenanthrene	U	390	1.0	330	390	34
120-12-7	Anthracene	U	390	1.0	330	390	35
206-44-0	Fluoranthene	U	390	1.0	330	390	36
129-00-0	Pyrene	U	390	1.0	330	390	38
56-55-3	Benzo(a)anthracene	U	390	1.0	330	390	29
218-01-9	Chrysene	U	390	1.0	330	390	46
205-99-2	Benzo(b)fluoranthene	U	390	1.0	330	390	49
207-08-9	Benzo(k)fluoranthene	U	390	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	390	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	390	1.0	330	390	57
53-70-3	Dibenzo(a,h)anthracene	U	390	1.0	330	390	48
191-24-2	Benzo(g,h,i)perylene	U	390	1.0	330	390	46
4165-60-0	Nitrobenzene-D5		51%				
321-60-8	2-Fluorobiphenyl		53%				
1718-51-0	Terphenyl-D14		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/26/04
Analysis Date: 07/28/04
Report Date: 07/30/2004
Matrix: SOIL
% Solids: 85.6

Lab ID: WU2193-1
Client ID: KWFCSB19-04-0704
SDG: CTO351-3
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG8794
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	380	1.0	330	380	44
91-57-6	2-Methylnaphthalene	U	380	1.0	330	380	170
90-12-0	1-Methylnaphthalene	U	380	1.0	330	380	190
208-96-8	Acenaphthylene	U	380	1.0	330	380	31
83-32-9	Acenaphthene	U	380	1.0	330	380	42
86-73-7	Fluorene	U	380	1.0	330	380	32
85-01-8	Phenanthrene	U	380	1.0	330	380	34
120-12-7	Anthracene	U	380	1.0	330	380	35
206-44-0	Fluoranthene	U	380	1.0	330	380	36
129-00-0	Pyrene	U	380	1.0	330	380	38
56-55-3	Benzo(a)anthracene	U	380	1.0	330	380	29
218-01-9	Chrysene	U	380	1.0	330	380	45
205-99-2	Benzo(b)fluoranthene	U	380	1.0	330	380	48
207-08-9	Benzo(k)fluoranthene	U	380	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	380	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	380	1.0	330	380	57
53-70-3	Dibenzo(a,h)anthracene	U	380	1.0	330	380	47
191-24-2	Benzo(g,h,i)perylene	U	380	1.0	330	380	45
4165-60-0	Nitrobenzene-D5		67%				
321-60-8	2-Fluorobiphenyl		58%				
1718-51-0	Terphenyl-D14		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/26/04
Analysis Date: 07/28/04
Report Date: 08/02/2004
Matrix: SOIL
% Solids: 91.6

Lab ID: WU2193-2
Client ID: KWFCSB28-04-0704
SDG: CTO351-3
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG8794
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	360	1.0	330	360	41
91-57-6	2-Methylnaphthalene	U	360	1.0	330	360	160
90-12-0	1-Methylnaphthalene	U	360	1.0	330	360	180
208-96-8	Acenaphthylene	U	360	1.0	330	360	29
83-32-9	Acenaphthene	U	360	1.0	330	360	39
86-73-7	Fluorene	U	360	1.0	330	360	30
85-01-8	Phenanthrene	U	360	1.0	330	360	31
120-12-7	Anthracene	U	360	1.0	330	360	32
206-44-0	Fluoranthene	U	360	1.0	330	360	33
129-00-0	Pyrene	U	360	1.0	330	360	35
56-55-3	Benzo(a)anthracene	U	360	1.0	330	360	27
218-01-9	Chrysene	U	360	1.0	330	360	42
205-99-2	Benzo(b)fluoranthene	U	360	1.0	330	360	45
207-08-9	Benzo(k)fluoranthene	U	360	1.0	330	360	37
50-32-8	Benzo(a)pyrene	U	360	1.0	330	360	34
193-39-5	Indeno(1,2,3-cd)pyrene	U	360	1.0	330	360	53
53-70-3	Dibenzo(a,h)anthracene	U	360	1.0	330	360	44
191-24-2	Benzo(g,h,i)perylene	U	360	1.0	330	360	42
4165-60-0	Nitrobenzene-D5		47%				
321-60-8	2-Fluorobiphenyl		54%				
1718-51-0	Terphenyl-D14		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/26/04
Analysis Date: 07/28/04
Report Date: 07/30/2004
Matrix: SOIL
% Solids: 87.4

Lab ID: WU2193-3
Client ID: KWFCSB46-04-0704
SDG: CTO351-3
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG8794
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	380	1.0	330	380	43
91-57-6	2-Methylnaphthalene	U	380	1.0	330	380	170
90-12-0	1-Methylnaphthalene	U	380	1.0	330	380	190
208-96-8	Acenaphthylene	U	380	1.0	330	380	31
83-32-9	Acenaphthene	U	380	1.0	330	380	41
86-73-7	Fluorene	U	380	1.0	330	380	31
85-01-8	Phenanthrene	U	380	1.0	330	380	33
120-12-7	Anthracene	U	380	1.0	330	380	34
206-44-0	Fluoranthene	J	89	1.0	330	380	35
129-00-0	Pyrene	J	120	1.0	330	380	37
56-55-3	Benzo(a)anthracene	J	110	1.0	330	380	28
218-01-9	Chrysene	J	99	1.0	330	380	44
205-99-2	Benzo(b)fluoranthene	J	110	1.0	330	380	47
207-08-9	Benzo(k)fluoranthene	J	96	1.0	330	380	38
50-32-8	Benzo(a)pyrene	J	98	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	380	1.0	330	380	55
53-70-3	Dibenzo(a,h)anthracene	U	380	1.0	330	380	46
191-24-2	Benzo(g,h,i)perylene	U	380	1.0	330	380	44
4165-60-0	Nitrobenzene-D5		43%				
321-60-8	2-Fluorobiphenyl		53%				
1718-51-0	Terphenyl-D14		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL
% Solids: 84.4

Lab ID: WU2193-4
Client ID: KWFCFD01-0704
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JB	13	1.0	20	24	1.6
	n-Triacontane-D62		92%				
	O-Terphenyl		84%				

Page 01 of 01 CUH2023.d

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL
% Solids: 85.6

Lab ID: WU2193-1
Client ID: KWFCSB19-04-0704
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	JB	2.6	1.0	20	23	1.6
	n-Triacontane-D62		98%				
	O-Terphenyl		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL
% Solids: 91.6

Lab ID: WU2193-2
Client ID: KWFCSB28-04-0704
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	B	50	1.0	20	22	1.5
	n-Triacontane-D62		94%				
	O-Terphenyl		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL
% Solids: 87.4

Lab ID: WU2193-3
Client ID: KWFCSB46-04-0704
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	B	49	1.0	20	23	1.6
	n-Triacontane-D62		91%				
	O-Terphenyl		85%				

APPENDIX C

SUPPORT DOCUMENTATION

WU 2193

8

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3886 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943	FLYING CLUB-KEYWEST	CHUCK BRYAN	(803) 649-7963	KATAHDIN ANALYTICAL

SAMPLERS (SIGNATURE)	FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza	GARY BRAGANZA	(954) 570-5885	340 COUNTY RD NO. 5

CARRIER/WAYBILL NUMBER	CITY, STATE
Fedex / 8425 8908 7866	WEST BROOK, ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	TYPE OF ANALYSIS: BTEX + MTBE	PAHs	TRPH						COMMENTS
7/20	8:30	KWFCSB19-04-0704	SB-19			SO	G	5	X	X	X						
↓	8:00	KWFCSB28-04-0704	SB-28			↓		↓	X	X	X						
↓	9:00	KWFCSB46-04-0704	SB-46			↓		↓	X	X	X						
↓		KWFCFD01-0704				↓		↓	X	X	X						

8-25-04

1. RELINQUISHED BY	DATE	TIME	1. RECEIVED BY	DATE	TIME
Gary Braganza	7/20/04		Daniel Fox	7/21/04	0903
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

9000006

HOLDTIME

SDG 3513

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/27/2004	07/28/2004	7	1	8
TS	%	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/27/2004	07/28/2004	7	1	8
TS	%	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/27/2004	07/28/2004	7	1	8
TS	%	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/27/2004	07/28/2004	7	1	8
OS	%	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	%	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	%	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	%	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	UG/KG	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	UG/KG	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	UG/KG	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OS	UG/KG	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/26/2004	07/28/2004	6	2	8
OV	%	KWFCSB46-04-0704RA	WU2193-3RA	NM	07/20/2004	08/02/2004	08/02/2004	13	0	13
OV	%	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	%	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	%	KWFCSB28-04-0704RA	WU2193-2RA	NM	07/20/2004	08/02/2004	08/02/2004	13	0	13
OV	%	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	UG/KG	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	UG/KG	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	UG/KG	KWFCSB28-04-0704RA	WU2193-2RA	NM	07/20/2004	08/02/2004	08/02/2004	13	0	13
OV	UG/KG	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
OV	UG/KG	KWFCSB46-04-0704RA	WU2193-3RA	NM	07/20/2004	08/02/2004	08/02/2004	13	0	13
OV	UG/KG	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/30/2004	07/30/2004	10	0	10
TPH	%	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	%	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	%	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	%	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	MG/KG	KWFCFD01-0704	WU2193-4	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	MG/KG	KWFCSB19-04-0704	WU2193-1	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	MG/KG	KWFCSB28-04-0704	WU2193-2	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23
TPH	MG/KG	KWFCSB46-04-0704	WU2193-3	NM	07/20/2004	07/28/2004	08/12/2004	8	15	23

FIELD DUPLICATE SUMMARY - SOIL
NAS KEY WEST CTO 351

Analytical Fraction	Compound	Result (ug/kg)		RPD
		KWFCSB46-04-0704	KWFCFD01-0704	
VOC	ND	---	---	---
PAH	BENZO(A)ANTHRACENE	110 J	ND	200.0
	BENZO(A)PYRENE	98 J	ND	200.0
	BENZO(B)FLUORANTHENE	110 J	ND	200.0
	BENZO(K)FLUORANTHENE	96 J	ND	200.0
	CHRYSENE	99 J	ND	200.0
	FLUORANTHENE	89 J	ND	200.0
	PYRENE	120 J	ND	200.0
PET	TPH	49000	ND	200.0

ND - Compound not detected.
NC - RPD not calculated.
NA - Not Applicable
Shaded Values indicate Relative Percent Differences greater than 50% for soil and 30% for aqueous matricies.

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE NAS KEY WEST; SDG: CTO351-3
WU2193
TASK ORDER MANAGER: CHARLES BRYAN

Sample Receipt

The following samples were received on July 21, 2004 and were logged in under Katahdin Analytical Services work order number WU2193 for a hardcopy due date of August 16, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU2193-1	KWFCSB19-04-0704
WU2193-2	KWFCSB28-04-0704
WU2193-3	KWFCSB46-04-0704
WU2193-4	KWFCFD01-0704

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO351-3 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response and/or Method for Determination of Petroleum Range Organics (Method #FL-PRO), Florida Department of Environmental Protection, November 1, 1995, for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation report.

8270C SCAN Analysis

There were no protocol deviations or observations noted by the organic laboratory staff for this analysis.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

Sample WU2193-3 had a recovery for one surrogate that was high and outside of the laboratory established acceptance limits. The sample also had low responses for all four internal standards that resulted in %D's that were outside the method acceptance limits of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The sample was reanalyzed and had two low surrogates recoveries. The results from both analyses are included in the report.

Sample WU2193-2 had two high surrogate recoveries that were outside of the laboratory established acceptance limits. The sample was reanalyzed and also had two high surrogate recoveries indicating a likely matrix effect. The results from both analyses are included in the report.

FL-PRO Analysis

The target range PRO may have been detected above the MDL in some method blanks. Any PRO that was also detected in any of the associated samples was flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The calibration verification standard (CV) (file CUH2019) had a low response for the individual hydrocarbon C_{40}, which resulted in a %D that was greater than 25%. Since the method requirement applies to only the PRO range response, which was acceptable, the associated samples were not reanalyzed.

There were no protocol deviations or observations noted by the organic laboratory staff.

Wet Chemistry Analysis

The samples of SDG CTO351-3 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW 788.

All analyses were performed within analytical hold times, and all quality control criteria were met. No deviations were noted by the Wet Chemistry group.

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

María Crouch
08.20.04
María Crouch
Quality Assurance Officer

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 07/30/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG8900-2
Client ID: WG8900-BLANK
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8900
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	U	5	1.0	5	5	0.6
71-43-2	Benzene	U	5	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.6
	m+p-Xylenes	U	10	1.0	10	10	1
95-47-6	o-Xylene	U	5	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	15	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	10	1.0	10	10	1
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 08/02/04
Report Date: 08/05/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG8942-2
Client ID: WG8942-BLANK
SDG: CTO351-3
Extracted by:
Extraction Method: SW846 5035
Analyst: AZ
Analysis Method: SW846 8260B
Lab Prep Batch: WG8942
Units: ug/Kg

8-20-04

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
108-88-3	Toluene	J	3	1.0	5	5	0.6
71-43-2	Benzene	U	5	1.0	5	5	0.7
100-41-4	Ethylbenzene	U	5	1.0	5	5	0.6
	m+p-Xylenes	U	10	1.0	10	10	1
95-47-6	o-Xylene	U	5	1.0	5	5	0.8
1330-20-7	Xylenes (total)	U	15	1.0	15	15	2
1634-04-4	Methyl tert-butyl ether	U	10	1.0	10	10	1
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		88%				
460-00-4	P-Bromofluorobenzene		82%				

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID: MB662 BFB Injection Date: 07/14/04

Instrument ID: GCMS-M BFB Injection Time: 0808

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	82.4
175	5.0 - 9.0% of mass 174	6.5 (7.9)1
176	95.0 - 101.0% of mass 174	79.9 (97.0)1
177	5.0 - 9.0% of mass 176	5.4 (6.8)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD020M14A	M3453	07/14/04	0914
02		VSTD005M14A	M3455	07/14/04	1146
03		VSTD100M14B	M3459	07/14/04	1434
04		VSTD050M14B	M3461	07/14/04	1546
05		VSTD010M14B	M3462	07/14/04	1622
06		VSTD200M14B	M3464	07/14/04	1733
07					
08					
09					
10					
11					
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16					
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20					
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22					

OK

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID: MB675 BFB Injection Date: 07/30/04

Instrument ID: GCMS-M BFB Injection Time: 0742

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.5
75	30.0 - 60.0% of mass 95	52.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	71.5
175	5.0 - 9.0% of mass 174	5.7 (7.9)1
176	95.0 - 101.0% of mass 174	69.7 (97.4)1
177	5.0 - 9.0% of mass 176	3.9 (5.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01		VSTD050M30A	M3662	07/30/04	0811	ok
02	WG8900-LCS	WG8900-1	M3663	07/30/04	0853	clean ok.
03	WG8900-BLANK	WG8900-2	M3665	07/30/04	1019	
04	KWFCSB19-04-0704	WU2193-1	M3666	07/30/04	1102	
05	KWFCSB28-04-0704	WU2193-2	M3667	07/30/04	1138	Istd/surr out
06	KWFCSB46-04-0704	WU2193-3	M3668	07/30/04	1213	Surr/out
07	KWFCFD01-0704	WU2193-4	M3669	07/30/04	1249	
08						
09						
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22						

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID: MB676 BFB Injection Date: 08/02/04

Instrument ID: GCMS-M BFB Injection Time: 0750

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	55.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.0
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	72.9
175	5.0 - 9.0% of mass 174	4.5 (6.2)1
176	95.0 - 101.0% of mass 174	71.4 (98.0)1
177	5.0 - 9.0% of mass 176	5.2 (7.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED	
01		VSTD050M02A	M3679	08/02/04	0821	ok
02	WG8942-LCS	WG8942-1	M3680	08/02/04	0903	ok
03	WG8942-BLANK	WG8942-2	M3683	08/02/04	1120	~~ok~~ one contaminat.
04	KWFCSB46-04-0704	WU2193-3RA	M3684	08/02/04	1201	
05	KWFCSB28-04-0704	WU2193-2RA	M3685	08/02/04	1237	
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20						
21						
22						

FORM V VOA

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES, Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG8900-LCS	WG8900-1	106	107	108	107	0
02	WG8900-BLANK	WG8900-2	98	104	100	94	0
03	KWFCSB19-04-0704	WU2193-1	114	119	115	106	0
04	KWFCSB28-04-0704	WU2193-2	121*	223*	120	117	2
05	KWFCSB46-04-0704	WU2193-3	98	141*	81	95	1
06	KWFCFD01-0704	WU2193-4	108	116	105	101	0
07	WG8942-LCS	WG8942-1	109	111	107	109	0
08	WG8942-BLANK	WG8942-2	91	94	88	82	0
09	KWFCSB46-04-0704	WU2193-3RA	73	85	34*	22*	2
10	KWFCSB28-04-0704	WU2193-2RA	120*	119	119	145*	2
11							
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13							
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16							
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21							
22							
23							
24							
25							
26							
27							
28							

6-25-04

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(49-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(61-120)
SMC3 (TOL)	= Toluene-D8	(50-126)
SMC4 (BFB)	= P-Bromofluorobenzene	(38-131)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID (Standard): M3662 Date Analyzed: 07/30/04

Instrument ID: GCMS-M Time Analyzed: 0811

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

8-25-04

	IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD	285598	9.90	455312	10.49	399396	13.53
UPPER LIMIT	571196	10.40	910624	10.99	798792	14.03
LOWER LIMIT	142799	9.40	227656	9.99	199698	13.03

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	WG8900-LCS	WG8900-1	287118	9.89	458497	10.50	398367	13.54
02	WG8900-BLANK	WG8900-2	264666	9.89	437417	10.50	372435	13.54
03	KWFCSB19-04-0704	WU2193-1	249561	9.89	413420	10.50	356846	13.54
04	KWFCSB28-04-0704	WU2193-2	245439	9.89	400263	10.50	351587	13.54
05	KWFCSB46-04-0704	WU2193-3	15789*	9.89	25730*	10.50	24210*	13.54
06	KWFCFD01-0704	WU2193-4	198825	9.89	332939	10.49	290767	13.54
07								
08								
09			<10%		<10%		<10%	
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID (Standard): M3662 Date Analyzed: 07/30/04

Instrument ID: GCMS-M Time Analyzed: 0811

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		199526	15.12				
UPPER LIMIT		399052	15.62				
LOWER LIMIT		99763	14.62				
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG8900-LCS	WG8900-1	193370	15.13			
02	WG8900-BLANK	WG8900-2	168444	15.13			
03	KWFCSB19-04-0704	WU2193-1	160358	15.13			
04	KWFCSB28-04-0704	WU2193-2	150028	15.13			
05	KWFCSB46-04-0704	WU2193-3	11090*	15.13			
06	KWFCFD01-0704	WU2193-4	132214	15.12			
07							
08							
09							
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20							

L 12/1

IS4 (DCB) = 1,4-Dichlorobenzene-D4

8-25-04

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID (Standard): M3679 Date Analyzed: 08/02/04

Instrument ID: GCMS-M Time Analyzed: 0821

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		294784	9.90	475562	10.50	412561	13.54
UPPER LIMIT		589568	10.40	951124	11.00	825122	14.04
LOWER LIMIT		147392	9.40	237781	10.00	206281	13.04
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8942-LCS	WG8942-1	296366	9.90	481236	10.50	426162	13.55
02 WG8942-BLANK	WG8942-2	260546	9.90	438153	10.49	386217	13.54
03 KWFCSB46-04-0704	WU2193-3RA	246226	9.90	410235	10.50	355488	13.54
04 KWFCSB28-04-0704	WU2193-2RA	243102	9.91	402023	10.50	374525	13.54
05							
06							
07							
08							
09							
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16							
17							
18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID (Standard): M3679 Date Analyzed: 08/02/04

Instrument ID: GCMS-M Time Analyzed: 0821

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		203478	15.13				
UPPER LIMIT		406956	15.63				
LOWER LIMIT		101739	14.63				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG8942-LCS	WG8942-1	200572	15.12				
02 WG8942-BLANK	WG8942-2	172720	15.12				
03 KWFCSB46-04-0704	WU2193-3RA	157675	15.12				
04 KWFCSB28-04-0704	WU2193-2RA	168810	15.13				
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES, INC.
GC Vial Prep Log

5ml DI H2O + Stir Bar

Method: MA DEP VPH
Reviewed By/Date:

40 ml Vial # 061804

Date	Init	Vial Number	Vial Weight Empty (g)	Vial + Methanol (g)	Vial Methanol Sample (g)	Sample Weight (g)	Comments
07/09/04	CRL	16885		30.98	36.62		~~WU2193-2RA~~
		16886		30.85	36.61	5.76 ✓	WU2193-1
		16887		30.94	34.41	3.47	WU2193-3RA2
		16888		30.81			
		16889		30.79			
		16890		31.04			
		16891		31.04			
		16892		30.91			
		16893		30.97			
		16894		30.98			
		16895		30.98			
		16896		30.82			
		16897		31.08	36.07	4.99 ✓	WU2193-2RA
		16898		30.87			
		16899		30.79	36.82	6.03 ✓	WU2193-3
		16900		30.92	36.88	5.96 ✓	WU2193-4
		16901		30.69			
		16902		30.97			
		16903		30.86			
		16904		31.01			
		16905		30.79			
		16906		30.82			
		16907		31.00			
		16908		30.96			
		16909		30.84	34.92	4.08 ✓	WU2193-2
		16910		30.99			
		16911		30.90	36.24	5.34 ✓	WU2193-3RA
		16912		30.92			
		16913		30.97			
		16914		30.97			

DS 8/25/04

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 07/26/04
Analysis Date: 07/28/04
Report Date: 07/30/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG8794-1
Client ID: WG8794-Blank
SDG: CTO351-3
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG8794
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
91-20-3	Naphthalene	U	330	1.0	330	330	38
91-57-6	2-Methylnaphthalene	U	330	1.0	330	330	150
90-12-0	1-Methylnaphthalene	U	330	1.0	330	330	160
208-96-8	Acenaphthylene	U	330	1.0	330	330	27
83-32-9	Acenaphthene	U	330	1.0	330	330	36
86-73-7	Fluorene	U	330	1.0	330	330	27
85-01-8	Phenanthrene	U	330	1.0	330	330	29
120-12-7	Anthracene	U	330	1.0	330	330	30
206-44-0	Fluoranthene	U	330	1.0	330	330	30
129-00-0	Pyrene	U	330	1.0	330	330	32
56-55-3	Benzo(a)anthracene	U	330	1.0	330	330	25
218-01-9	Chrysene	U	330	1.0	330	330	38
205-99-2	Benzo(b)fluoranthene	U	330	1.0	330	330	41
207-08-9	Benzo(k)fluoranthene	U	330	1.0	330	330	34
50-32-8	Benzo(a)pyrene	U	330	1.0	330	330	31
193-39-5	Indeno(1,2,3-cd)pyrene	U	330	1.0	330	330	48
53-70-3	Dibenzo(a,h)anthracene	U	330	1.0	330	330	40
191-24-2	Benzo(g,h,i)perylene	U	330	1.0	330	330	38
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		68%				
1718-51-0	Terphenyl-D14		86%				

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID: UD752 DFTPP Injection Date: 07/13/04

Instrument ID: GCMS-U DFTPP Injection Time: 1107

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.4
68	Less than 2.0% of mass 69	0.6 (1.3)1
69	Less than 100.0% of mass 198	48.6
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	56.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.0
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	14.8 (82.2)2
442	40.0 - 100.0% of mass 198	92.5
443	17.0 - 23.0% of mass 442	18.0 (19.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050U0713	U8056	07/13/04	1216
02		SSTD200U0713	U8057	07/13/04	1312
03		SSTD160U0713	U8058	07/13/04	1400
04		SSTD120U0713	U8059	07/13/04	1446
05		SSTD020U0713	U8060	07/13/04	1532
06		SSTD010U0713	U8061	07/13/04	1618
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

OK

8-25-04

page 1 of 1

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Lab File ID: UD764 DFTPP Injection Date: 07/28/04

Instrument ID: GCMS-U DFTPP Injection Time: 1135

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	45.1
68	Less than 2.0% of mass 69	0.7 (1.4)1
69	Less than 100.0% of mass 198	53.2
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	58.2
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	20.7
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	14.1 (81.8)2
442	40.0 - 100.0% of mass 198	88.4
443	17.0 - 23.0% of mass 442	17.3 (19.6)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD050U0728	U8176	07/28/04	1156
02	WG8794-BLANK	WG8794-1	U8177	07/28/04	1245
03	KWFCSB19-04-0704	WU2193-1	U8178	07/28/04	1330
04	KWFCFD01-0704	WU2193-4	U8179	07/28/04	1416
05	KWFCSB28-04-0704	WU2193-2	U8180	07/28/04	1502
06	KWFCSB46-04-0704	WU2193-3	U8181	07/28/04	1549
07	WG8794-LCS	WG8794-2	U8184	07/28/04	1806
08	WG8794-LCSD	WG8794-3	U8185	07/28/04	1852
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

ok
clean
ok
6/25/04

FORM V SV

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 NBZ#	S2 FBP#	S3 TPH#	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG8794-BLANK	WG8794-1	78	68	86						0
02	KWFCSB19-04-0704	WU2193-1	67	58	82						0
03	KWFCFD01-0704	WU2193-4	51	53	95						0
04	KWFCSB28-04-0704	WU2193-2	47	54	99						0
05	KWFCSB46-04-0704	WU2193-3	43	53	114						0
06	WG8794-LCS	WG8794-2	77	67	96						0
07	WG8794-LCSD	WG8794-3	58	65	82						0
08											
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1 (NBZ)	= Nitrobenzene-D5	(35-105)
S2 (FBP)	= 2-Fluorobiphenyl	(45-111)
S3 (TPH)	= Terphenyl-D14	(54-149)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

SV SON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analytical Method: SW846/8270

Analysis: Semivolatile Organics

Extraction Technique: ~~SONIC 3550~~ SOX 3540 ASE 3545

Date QC Started: 07.26.04

QC Expiration Date: 08.09.04

QC Batch ID:

Matrix: SOLID

SURROGATE ID: SV1061

SPIKE ID: SV1057

CLEAN-UP: GC screen, GPC, Florisil, Acid Wash, Other:

Sonicator Horns Tuned: S 20%

Solvent Lot # $MeCl_2$: A18E10

Solvent Lot # Acetone: A06E53

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	07.26.04	JP	WG8794-1	30g	1.0 mL	NR	1.0 mL	07.27.04	SV992 A9	JP	R22482
LCS-1	↓	↓	↓ -2	↓	↓	1.0 mL	↓	↓	A10	↓	
MS	↓	↓	↓ -3	↓	↓	↓	↓	↓	B1	↓	
MSD											
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

SV

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
1	07-26-04	JP	WU2193-1	805	1.0 mL	NR	1.0 mL	07-27-04	SV992 B2	JP	
2			-2						B3		
3			-3						B4		
4			-4						B5		
5			WU2244-1						B6		
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											

Reviewed By: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG8847-1
Client ID: WG8847-Blank
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
	Petroleum Range Organics	J	2.4	1.0	20	20	1.4
	n-Triacontane-D62		109%				
	O-Terphenyl		102%				

8-25-04

FORM 2
SOIL FL-PRO SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 #	S2 OTP#	S3 #	S4 #	S5 #	S6 #	S7 #	S8 #	TOT OUT
01	WG8847-BLANK	WG8847-1	109	102							0
02	WG8847-LCS	WG8847-2	94	89							0
03	KWFCSB19-04-0704	WU2193-1	98	92							0
04	KWFCFD01-0704	WU2193-4	92	84							0
05	KWFCSB28-04-0704	WU2193-2	94	89							0
06	KWFCSB46-04-0704	WU2193-3	91	85							0
07	KWFCSB28-04-0704MS	WG8847-3	96	92							0
08	KWFCSB28-04-0704MSD	WG8847-4	87	83							0
09											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1	= n-Triacontane-D62	(60-118)
S2 (OTP)	= O-Terphenyl	(62-109)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogate diluted out

KATAHDIN ANALYTICAL SERVICES
MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 07/20/04
Received Date: 07/21/04
Extraction Date: 07/28/04
Analysis Date: 08/12/04
Report Date: 08/13/2004
Matrix: SOIL

Lab ID: WG8847-3 & WG8847-4
Client ID: KWFCSB28-04-0704MS & KWFCSB28-04-0704MSD
SDG: CTO351-3
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 M8100
Lab Prep Batch: WG8847
Units: mg/Kg

COMPOUND	MS SPIKE	MSD SPIKE	SAMPLE CONC.	MS CONC.	MSD CONC.	MS %REC.	MSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Petroleum Range Organics	62	62	50	97	92	76	68	5	50	51-215

FORM III SV-2

CUH2026.d & CUH2027.d

FORM 8
FL-PRO ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: CTO 351 NAS KEY WEST SDG No.: CTO351-3

GC Column: ZB-1 ID: 0.53 (mm) Init. Calib. Date(s): 01/15/04 01/15/04

Instrument ID: GC12

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
S1 : 18.20 S2 : 24.42

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	S1 RT #	S2 RT #	
01	ICAL	FLPRO 5 UG/M	01/15/04	0329	18.20	24.42	ok
02	ICAL	FLPRO 20 UG/	01/15/04	0438	18.20	24.42	
03	ICAL	FLPRO 50 UG/	01/15/04	0548	18.20	24.42	
04	ICAL	FLPRO 100UG/	01/15/04	0658	18.20	24.42	
05	ICAL	FLPRO 200UG/	01/15/04	0809	18.20	24.42	
06	INDSOURCE	FLPRO IND	01/15/04	0919	18.20	24.42	
07	CV	FLPRO 50 UG/	08/12/04	1321	18.08	24.23	ok
08	WG8847-BLANK	WG8847-1	08/12/04	1431	18.07	24.22	
09	WG8847-LCS	WG8847-2	08/12/04	1542	18.07	24.22	
10	KWFCSB19-04-	WU2193-1	08/12/04	1653	18.07	24.22	
11	KWFCFD01-070	WU2193-4	08/12/04	1804	18.07	24.23	
12	KWFCSB28-04-	WU2193-2	08/12/04	1914	18.07	24.21	
13	KWFCSB46-04-	WU2193-3	08/12/04	2024	18.08	24.23	
14	KWFCSB28-04-	WG8847-3	08/12/04	2135	18.08	24.23	ok
15	KWFCSB28-04-	WG8847-4 WS NAD	08/12/04	2245	18.08	24.23	
16	CV	FLPRO 50 UG/	08/13/04	0326	18.08	24.23	ok
17							
18							
19							
20							

QC LIMITS

S1 = O-Terphenyl (+/- 0.36 MINUTES)
S2 = n-Triacontane-D62 (+/- 0.49 MINUTES)

6-25-04

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FLA PRO -DON

Katahdin Analytical Services, Inc.
Organic Extraction Log

Protocol: SW846

Analysis: FUEL OILS

Date QC Started: 7-28-04

QC Expiration Date: 8-12-04

QC Batch ID:

SURROGATE ID: GC 0131

Analytical Method: SW846/8015M/ME 4.1.25

Extraction Technique: SONIC 3550 (circled)
SOX 3540
ASE 3545

Matrix: SOLID

SPIKE ID: GC 0138

CLEAN-UP: GC screen, GPC, Florosil, Acid Wash, Other:

Sonicator Horns Tuned: 20 %

Solvent Lot # $MeCl_2$ / A18E10

Solvent Lot #

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Init.	Comments
Blank-1	7-28-04	NB	WG8847-1	30g	2.0 mL	NA	2mL	8-12-04	FL15 D6	MC	R22557
LCS-1	↓	↓	-2	↓	↓	2.0 mL	↓	↓	D7	↓	
MS	↓	↓	-3	↓	↓	↓	↓	↓	D8	↓	WUA193-2 MS ↓
MSD	↓	↓	-4	↓	↓	↓	↓	↓	D9	↓	MSD ↓
Blank-2											
LCS-2											
Blank-3											
LCS-3											
Blank-4											
LCS-4											
Blank-5											
LCS-5											
Blank-6											
LCS-6											

FLA PRO - JOA

Count	Date Extracted	Ext. Init.	Sample ID	Initial Volume	Surr. Vol.	Spike Vol.	Final Vol.	Date Conc.	Tray Location	Inst.	Comments
1	7-28-04	NB	NV 2193-1	30g	2.0 mL	NR	2mL	8-12-04	PL13 D10	MC	8-25-04
2			-2						PL14 D9		
3			-3						D10		
4			-4						D11		
5											
6											
7											
8											
9											
10											
11											
12											
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19											
20											

Reviewed By: _____

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO: **C. BRYAN** **DATE: MARCH 24, 2005**

FROM: **D. SCHLOER** **CC: DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION – VOC/SVOC/PEST/PCB**
CTO 351, NAS KEY WEST
SDG: 35111

SAMPLES: 13/Aqueous/VOC/SVOC/PEST/PCB

KWFCGS-FD01-0105	KWFCGS-MW05-0105	KWFCGS-MW06-0105
KWFCGS-MW19-0105	KWFCGS-MW22-0105	KWFCGS-MW23-0105
KWFCGS-MW24-0105	KWFCGS-MW25-0105	KWFCGS-MW26-0105
KWFCGS-MW27-0105	KWFCGS-MW28-0105	KWFCGS-TB01-0105
TRIP BLANK		

Overview

The sample set for CTO 351; NAS Key West; SDG 35111 consists of thirteen (13) aqueous environmental samples, including one field duplicate and two (2) trip blanks. As detailed above, the samples were analyzed for Appendix IX Volatile (VOCs), Semivolatile (SVOC), organochlorine pesticide (PEST) and polychlorinated Biphenyl (PCB) organic compounds. One field duplicate pair was included in this SDG: KWFCGS-MW23-0105 and KWFCGS-FD01-0105.

The samples were collected by Tetra Tech NUS on January 17th, 26th, 27th and 28th, 2005 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using U.S. EPA Test Methods for Evaluating Solid Waste (SW-846) Methods 8260B, 8270C, 8081A and 8082 analytical and reporting protocol.

The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
• Holding times
• Initial and continuing calibration
• Surrogate Recoveries
• Matrix Spike/Matrix Spike Duplicates
• Field Duplicate Results
• Blank results
* • Detection Limits

The symbol (*) indicates that all quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

VOC

The following compound was detected in the laboratory method blank at the maximum concentration as indicated below:

Compound	Maximum Concentration	Action Level
Trichloroethene	0.4 µg/L	2 µg/l

Blank Actions:

- Value < Action level and < reporting limit (RL); report value at RL, followed by a U.
- Value < Action level and > RL; report value, followed by a U.
- Value > Action level; report value unqualified.

An action level of 5X the maximum detected concentration was established to evaluate blank contamination for toluene. Sample aliquots and dilution factors were taken into consideration during the application of the blank action level. Positive results for trichloroethene were qualified as nondetected (U), due to laboratory method blank contamination.

The trip blanks KWFCGS-TB01-0105 and TRIP BLANK were collected with the field environmental samples. The trip blank KWFCGS-TB01-0105 was free of VOC contamination. The trip blank TRIP BLANK contained the target VOC: trichloroethene, at a concentration of 0.3 µg/L. Field quality control samples were not qualified based on laboratory method blank contamination.

The common laboratory contaminant acetone was detected in several environmental samples but not in the associated laboratory method blanks. Despite its absence in the method blank, positive results for acetone were qualified as estimated (J) in several samples due to suspected laboratory contamination.

An initial calibration noncompliance (r^2) was noted for 01/14/05; however, this did not warrant data validation action as only a limited data review was performed.

Calibration verification Relative Response Factors (RRFs) fell below the 0.05 quality control limit for acrolein, isobutyl alcohol, acetonitrile and 1,4-dioxane on instrument GCMS-2, on 02/01/05 at 08:01. Only nondetected results for the aforementioned compounds and these were rejected (UR) in the affected samples.

Calibration verification noncompliances (percent Differences - %Ds) were noted for four VOCs on 02/01/05, at 08:01; however, these did not warrant data validation action as only a limited review was performed.

Calibration verification RRFs fell below the 0.05 quality control limit for acrolein, isobutyl alcohol, acetonitrile and 1,4-dioxane on instrument GCMS-2, on 02/02/05 at 07:36. Only nondetected results for the aforementioned compounds and these were rejected (UR) in the affected samples.

Calibration verification noncompliances (percent Differences - %Ds) were noted for four VOCs on 02/02/05, at 07:36; however, these did not warrant data validation action as only a limited review was performed.

Two target VOCs were recovered above their respective quality control limits and one target VOC was recovered below its quality control limit for the Laboratory Control Sample (LCS) analyzed on 02/01/05. No data validation action was taken based on these noncompliances.

Two target VOCs were recovered above their respective quality control limits for the LCS analysis on 02/02/05. No data validation action was taken based on these noncompliances.

As indicated on the Chain of Custody (COC), the laboratory prepared and analyzed a Matrix Spike/Matrix Spike Duplicate (MS/MSD) for the VOC fraction of sample KWFCGS-MW25-0105. Two target VOCs were recovered below the 60%-140% quality control limit and one target VOC was recovered above the 60%-140% quality control limit for the MS and MSD analysis of sample KWFCGS-MW25-0105. The Relative Percent Difference (RPD) between the MS and MSD recoveries exceeded the 20% quality control limit for ten target VOCs. No data validation action was taken based on these noncompliances.

SVOC

The common laboratory contaminant diethyl phthalate was detected in several environmental samples but not in the associated laboratory method blanks. Despite its absence in the method blank, positive results for diethyl phthalate were qualified as estimated (J) in several samples due to suspected laboratory contamination.

Initial calibration noncompliances (percent Relative Standard Deviations -RSDs) were noted for 01/11/05; however, these did not warrant data validation action as only a limited data review was performed.

Calibration verification noncompliances (%Ds) were noted for ten target SVOCs on 02/07/05, at 08:57; however, these did not warrant data validation action as only a limited review was performed.

Calibration verification noncompliances (%Ds) were noted for eleven target SVOCs on 02/15/05, at 11:09; however, these did not warrant data validation action as only a limited review was performed.

The target SVOC hexachlorophene was not present in any of the calibrations relevant to the environmental sample analyses. As noted in the case narrative text, the laboratory was unable to calibrate for hexachlorophene due to its instability in the standard solution. The laboratory performed a manual search of the sample chromatography and reported that no hexachlorophene was detected. However, the identification and quantification of hexachlorophene is not possible; therefore, all results for hexachlorophene were rejected (UR) in all samples reported in this SDG.

The target SVOC kepone was present in only 2 levels of the initial calibration and was not in any continuing calibration relevant to the environmental sample analyses. This data completeness issue was not noted in the case narrative text. The identification and quantification of kepone is not possible; therefore, all results for kepone were rejected (UR) in all samples reported in this SDG.

The acid fraction surrogates 2-fluorophenol, phenol-d6 and 2,4,6-tribromophenol were not recovered (0%) for the analysis of samples KWFCGS-MW06-0105 and KWFCGS-MW22-0105. The samples were re-extracted and re-analyzed with acceptable recoveries for 2-fluorophenol, phenol-d6 and 2,4,6-tribromophenol. However, the samples were re-extracted 5-days beyond the allowable 7-day holding time. Positive and nondetected results from the re-extraction of samples KWFCGS-MW06-0105 and KWFCGS-MW22-0105 were qualified as estimated (J) and (UJ), respectively, and used for data validation purposes.

Two acid fraction surrogates [2-fluorophenol (and was <10%) and 2,4,6-tribromophenol] and the base/neutral surrogate nitrobenzene-d5 were recovered below their respective quality control limits for the analysis of sample KWFCGS-FD01-0105. The sample was re-analyzed at a 2X dilution factor with similar surrogate recoveries. The sample was re-extracted and re-analyzed with acceptable recoveries for all base/neutral and acid fraction surrogates. However, the sample was re-extracted 5-days beyond the allowable 7-day holding time. Positive and nondetected results from the re-extraction of sample KWFCGS-FD01-0105 were qualified as estimated (J) and (UJ), respectively, and used for data validation purposes.

Three acid fraction surrogates (2-fluorobiphenyl, phenol-d6 and 2,4,6-tribromophenol) and three base/neutral fraction surrogates (nitrobenzene-d5, 2-fluorobiphenyl and terphenyl-d14) were recovered below their respective quality control limits for the analysis of the method blank extracted on 02/01/05, and associated with extraction batch WG13945. With the exception of 2-fluorobiphenyl and terphenyl-d14, all recoveries were either 0% or less than 10% for all surrogates. The laboratory re-extracted only 5 of the 11 samples impacted by this noncompliance and the re-extraction was conducted 5-days beyond the allowable 7-day holding time. The laboratory method blank associated with the re-extraction (batch # WG14190) showed acceptable recoveries for all base/neutral and acid fraction surrogates.

Due to the presence of naphthalene at a concentration that exceeded the linear range of the instrument calibration, sample KWFCGS-FD01-0105RE was re-analyzed at a 2X dilution factor. The re-extraction occurred 5-days beyond the 7-day allowable holding time. Positive results for naphthalene were reported from the 2X dilution and used for data validation purposes. This is evident in the electronic database by the "REDL" suffix on the laboratory sample identification.

Three target SVOCs were recovered below their respective quality control limits and 6 target SVOCs were recovered above their respective quality control limit for the LCS associated with extraction batch # WG13945. No data validation action was taken based on these noncompliances.

Eight target SVOCs were recovered below their respective quality control limits for the LCS and or LCSD associated with extraction batch # WG14190. One target SVOC was recovered below its quality control limits for the LCS and or LCSD associated with extraction batch # WG14190. The RPD between LCS and LCSD recoveries exceeded quality control limits for one SVOC. No data validation action was taken based on these noncompliances.

As indicated on the COC, the laboratory prepared and analyzed a MS/MSD for the SVOC fraction of sample KWFCGS-MW25-0105. Twenty-two target SVOCs were recovered below the their respective quality control limits and four target SVOCs was recovered above quality control limit for the MS and/or MSD analysis of sample KWFCGS-MW25-0105. RPDs exceeded quality control limits for 15 target SVOCs. No data validation action was taken based on these noncompliances.

The target SVOCs kepone and hexachlorophene were not present in the matrix spike solution or calibration standards; however, the laboratory Form III indicates that these compounds were spiked and shows noncompliant recoveries for these compounds. The Form III recoveries were 0%; therefore, all results for kepone and hexachlorophene were rejected in all samples due to their absence in critical quality control standards.

The target SVOCs p-phenylaminediamine and 3,3'-dichlorobenzene, 1-methylnaphthalene, 2-methylnaphthalene a,a-dimethylphenethylamine, methapyrilene, 4-aminobiphenyl and 3,3'-dimethylbenzidine were not recovered (0%) for the MS and/or MSD analysis of sample KWFCGS-MW25-0105. The nondetected results reported for the aforementioned compounds were rejected in the native sample KWFCGS-MW25-0105 only due MS/MSD noncompliance.

PEST

Calibration verification noncompliances (%Ds) were noted for three target pesticides on one analytical column, on 02/22/05, at 19:43; however, these did not warrant data validation action as only a limited review was performed.

The pesticide surrogate decachlorobiphenyl (DCB) was recovered below the 36%-140% quality control limit on one analytical column for the analysis of sample KWFCGS-MW05-0105. No data validation action was taken based on this noncompliance.

The pesticide surrogate DCB was recovered below the 36%-140% quality control limit on both analytical columns for the analysis of samples KWFCGS-MW28-0105, KWFCGS-MW25-0105, KWFCGS-MW26-0105, KWFCGS-MW06-0105 and KWFCGS-FD01-0105. Positive and nondetected results were reported and these were qualified as estimated (J) and (UJ), respectively in the aforementioned samples.

The laboratory prepared and analyzed a MS/MSD for the pesticide fraction of sample KWFCGS-MW25-0105. All spiked compound recoveries and Relative Percent Difference (RPD) were acceptable.

The %D between analytical columns exceeded the 25% quality control limit for delta-BHC in sample KWFCGS-MW06-0105. No data validation action was taken based on this noncompliance as only a limited data review was performed.

PCB

Calibration verification noncompliances (%Ds) were noted for two target PCBs on one analytical column, on 02/08/05, at 23:59; however, these did not warrant data validation action as only a limited review was performed.

Calibration verification noncompliances (%Ds) were noted for two target PCBs on one analytical column, on 02/10/05, at 23:01; however, these did not warrant data validation action as only a limited review was performed.

The PCB surrogate DCB was recovered below the 54%-114% quality control limit on both analytical columns for the analysis of samples KWFCGS-MW28-0105, KWFCGS-MW26-0105, KWFCGS-MW06-0105 KWFCGS-FD01-0105, KWFCGS-MW25-0105MS and KWFCGS-MW25-0105MSD. Only nondetected results were reported for all PCBs and these were qualified as estimated (UJ) in samples KWFCGS-MW28-0105, KWFCGS-MW26-0105, KWFCGS-MW06-0105 and KWFCGS-FD01-0105.

The PCB surrogate DCB was recovered below the 54%-114% quality control limit on both analytical columns for the analysis of sample KWFCGS-MW05-0105. The PCB surrogate tetrachloro-m-xylene (TCX) was recovered below the 46%-100% quality control limit on one analytical column for the analysis of sample KWFCGS-MW05-0105. Only nondetected results were reported for all PCBs and these were qualified as estimated (UJ) in sample KWFCGS-MW05-0105.

The laboratory prepared and analyzed a MS/MSD for the PCB fraction of sample KWFCGS-MW25-0105. Aroclor-1260 was recovered above the quality control limit for the MSD analysis of sample KWFCGS-MW25-0105. RPDs were acceptable for all compounds. No data validation action was taken based on this noncompliance.

Additional Comments

The laboratory applied the Florida Qualifiers "I" and "J", and "V" to several data points. The reviewer changed the Florida "I" flags to "J", indicating uncertainty near the detection limit. The Florida "J" flags were left on the data, but an additional qualifier code was added to explain the reason for data qualification. The Florida "V" flags were either removed or changed to "U" based on laboratory method blank contamination.

Field duplicate precision was evaluated for the field duplicate pair KWFCGS-MW23-0105 and KWFCGS-FD01-0105. Field duplicate precision is measured by calculating the Relative Percent Difference (RPD) between positive results in the field duplicate pair. Precision is evaluated by comparing the calculated RPD against the quality control limit of 30% for aqueous matrices. No target pesticides or PCBs were positively identified in the field duplicate pair. The target VOCs acetone, carbon disulfide, ethylbenzene m,p-xylenes, o-xylene, toluene and total xylenes were detected in the field duplicate pair resulting in acceptable RPDs. The target SVOCs 2-methylnaphthalene and diethyl phthalate were detected in the field duplicate pair resulting in

acceptable RPDs.

As noted in the laboratory Sample Receipt Condition Report, the sample TRIP BLANK was not recorded on the Chain of Custody (COC) form. The laboratory analyzed and reported results for the sample vial marked TRIP BLANK. The results of these analyses are included in the analytical database.

In addition to the VOC analysis, the COC documentation indicated analyses for SVOC, pesticide and PCBs for sample KWFCGS-TB01-0105. Trip blanks are not analyzed for these chemical fractions. Laboratory data were not generated for these chemical fractions.

EXECUTIVE SUMMARY

Laboratory Performance Issues: One VOC contaminant was detected in the laboratory method blank resulting in false positive data. Several VOCs and SVOCs failed calibration verification response criterion resulting in rejected data. Several VOCs SVOC, pesticides and PCBs failed calibration verification %D criterion. Two SVOC compounds were not in calibration or matrix spiking standards; all results for these compounds were rejected. Recovery noncompliances were noted for the VOC, and SVOC LCSs. The laboratory failed to re-extract all samples due to noncompliant surrogate recoveries in the batch blank. In addition, the samples were re-extracted outside the allowable holding time resulting in estimated data. Poor surrogate recoveries were obtained for the acid and base/neutral fractions of several SVOC samples. Poor surrogate recoveries were obtained on both analytical columns for several pesticide and PCB samples. The samples were successfully re-extracted and re-analyzed, but outside holding time.

Other Factors Affecting Data Quality: Several VOCs SVOC, pesticides and PCBs failed MS and/or MSD recovery criteria. Field duplicate imprecision was noted for one VOC resulting in the estimation of data.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99) and the NFESC guidelines entitled "Navy IRCDQM" (September, 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS

Douglas Schloer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as Reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-FD01-0105
samp_date	1/28/2005
lab_id	WV0413-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	KWFCGS-MW23-0105

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	22	J	A
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	1	J	P
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

nsample	KWFCGS-FD01-0105
samp_date	1/28/2005
lab_id	WV0413-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	KWFCGS-MW23-0105

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	48		
ISOBUTANOL	13	UR	C
M+P-XYLENES	6	J	P
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.9	J	P
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.4	J	P
TOTAL XYLENES	7	J	P
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

nsample	KWFCGS-MW05-0105
samp_date	1/27/2005
lab_id	WV0389-5
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW05-0105	nsample	KWFCGS-MW06-0105	nsample	KWFCGS-MW06-0105
samp_date	1/27/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0389-5	lab_id	WV0413-1	lab_id	WV0413-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	A
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.6	J	P
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW19-0105
samp_date	1/26/2005
lab_id	WV0389-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

nsample	KWFCGS-MW19-0105
samp_date	1/26/2005
lab_id	WV0389-1
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

nsample	KWFCGS-MW22-0105
samp_date	1/28/2005
lab_id	WV0413-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW22-0105	nsample	KWFCGS-MW23-0105	nsample	KWFCGS-MW23-0105
samp_date	1/28/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0413-2	lab_id	WV0413-3	lab_id	WV0413-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	16		
ISOBUTANOL	13	UR	C
M+P-XYLENES	6	J	P
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.5	J	P
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.5	J	P
TOTAL XYLENES	6	J	P
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	20	J	A
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	1	J	P
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	48		
ISOBUTANOL	13	UR	C
M+P-XYLENES	6	J	P
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.7	J	P
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.4	J	P
TOTAL XYLENES	7	J	P
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW24-0105
samp_date	1/26/2005
lab_id	WV0389-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.7	J	P
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

nsample	KWFCGS-MW24-0105
samp_date	1/26/2005
lab_id	WV0389-2
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	21		
ISOBUTANOL	13	UR	C
M+P-XYLENES	5	J	P
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	1	J	P
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	1	J	P
TOTAL XYLENES	6	J	P
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

nsample	KWFCGS-MW25-0105
samp_date	1/27/2005
lab_id	WV0389-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW25-0105
samp_date	1/27/2005
lab_id	WV0389-6
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	2	J	P
ISOBUTANOL	13	UR	C
M+P-XYLENES	3	J	P
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.4	J	P
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	3	J	P
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

nsample	KWFCGS-MW26-0105
samp_date	1/27/2005
lab_id	WV0389-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

nsample	KWFCGS-MW26-0105
samp_date	1/27/2005
lab_id	WV0389-7
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW27-0105
samp_date	1/26/2005
lab_id	WV0389-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

nsample	KWFCGS-MW27-0105
samp_date	1/26/2005
lab_id	WV0389-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

nsample	KWFCGS-MW28-0105
samp_date	1/26/2005
lab_id	WV0389-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW28-0105	nsample	KWFCGS-TB01-0105	nsample	KWFCGS-TB01-0105
samp_date	1/26/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0389-4	lab_id	WV0413-5	lab_id	WV0413-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OV

nsample	TRIP BLANK	nsample	TRIP BLANK
samp_date	1/17/2005	samp_date	1/17/2005
lab_id	WV0389-8	lab_id	WV0389-8
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.6	U	
1,2,4-TRICHLOROBENZENE	0.3	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.3	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.3	U	
1,4-DICHLOROBENZENE	0.4	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	3	U	
2-HEXANONE	2	U	
3-CHLOROPROPENE	0.4	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	2	U	
ACETONITRILE	6	UR	C
ACROLEIN	1	UR	C
ACRYLONITRILE	1	U	
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.2	U	
BROMOFORM	0.5	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.3	U	
CHLOROBENZENE	0.2	U	
CHLORODIBROMOMETHANE	0.4	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.3	U	
CHLOROFORM	0.4	U	
CHLOROMETHANE	0.3	U	
CHLOROPRENE	0.2	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.2	U	
DICHLORODIFLUOROMETHANE	0.5	U	
ETHYL METHACRYLATE	0.4	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	0.5	U	
METHACRYLONITRILE	3	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.3	U	
METHYLENE CHLORIDE	2	U	
O-XYLENE	0.3	U	
PENTACHLOROETHANE	0.1	U	
PROPIONITRILE	3	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.8	U	
TRANS-1,2-DICHLOROETHENE	0.3	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.4	U	
TRICHLOROETHENE	0.3	J	P
TRICHLOROFLUOROMETHANE	0.3	U	
VINYL ACETATE	0.3	U	
VINYL CHLORIDE	0.3	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-FD01-0105	nsample	KWFCGS-FD01-0105	nsample	KWFCGS-FD01-0105
samp_date	1/28/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0413-4RE	lab_id	WV0413-4RE	lab_id	WV0413-4RE
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	FWFCGS-MW23-0105	DUP_OF:	FWFCGS-MW23-0105	DUP_OF:	FWFCGS-MW23-0105

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	UJ	H
1,3,5-TRINITROBENZENE	5	UJ	H
1,3-DINITROBENZENE	5	UJ	H
1,4-NAPHTHOQUINONE	5	UJ	H
1,4-PHENYLENEDIAMINE	5	UJ	H
1-NAPHTHYLAMINE	5	UJ	H
2,3,4,6-TETRACHLOROPHENOL	5	UJ	H
2,4,5-TRICHLOROPHENOL	7	UJ	H
2,4,6-TRICHLOROPHENOL	7	UJ	H
2,4-DICHLOROPHENOL	6	UJ	H
2,4-DIMETHYLPHENOL	7	UJ	H
2,4-DINITROPHENOL	5	UJ	H
2,4-DINITROTOLUENE	4	UJ	H
2,6-DICHLOROPHENOL	5	UJ	H
2,6-DINITROTOLUENE	3	UJ	H
2-ACETYLAMINOFLUORENE	5	UJ	H
2-CHLORONAPHTHALENE	3	UJ	H
2-CHLOROPHENOL	5	UJ	H
2-METHYLNAPHTHALENE	56	J	H
2-METHYLPHENOL	5	UJ	H
2-NAPHTHYLAMINE	5	UJ	H
2-NITROANILINE	3	UJ	H
2-NITROPHENOL	5	UJ	H
2-PICOLINE	5	UJ	H
3&4-METHYLPHENOL	5	UJ	H
3,3'-DICHLOROBENZIDINE	4	UJ	H
3,3'-DIMETHYLBENZIDINE	9	UJ	H
3-METHYLCHOLANTHRENE	5	UJ	H
3-NITROANILINE	3	UJ	H
4,6-DINITRO-2-METHYLPHENOL	10	UJ	H
4-AMINOBIPHENYL	5	UJ	H
4-BROMOPHENYL PHENYL ETHER	4	UJ	H

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	UJ	H
4-CHLOROANILINE	4	UJ	H
4-CHLOROPHENYL PHENYL ETHER	3	UJ	H
4-NITROANILINE	5	UJ	H
4-NITROPHENOL	5	UJ	H
4-NITROQUINOLINE-1-OXIDE	9	UJ	H
5-NITRO-O-TOLUIDINE	9	UJ	H
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	UJ	H
A,A-DIMETHYLPHENETHYLAMINE	5	UJ	H
ACENAPHTHENE	2	UJ	H
ACENAPHTHYLENE	3	UJ	H
ACETOPHENONE	3	UJ	H
ANILINE	3	UJ	H
ANTHRACENE	3	UJ	H
ARAMITE	9	UJ	H
BENZO(A)ANTHRACENE	3	UJ	H
BENZO(A)PYRENE	2	UJ	H
BENZO(B)FLUORANTHENE	2	UJ	H
BENZO(G,H,I)PERYLENE	2	UJ	H
BENZO(K)FLUORANTHENE	3	UJ	H
BENZYL ALCOHOL	3	UJ	H
BIS(2-CHLOROETHOXY)METHANE	2	UJ	H
BIS(2-CHLOROETHYL)ETHER	3	UJ	H
BIS(2-CHLOROISOPROPYL)ETHER	2	UJ	H
BIS(2-ETHYLHEXYL)PHTHALATE	7	UJ	H
BUTYL BENZYL PHTHALATE	3	UJ	H
CHLOROBENZILATE	9	UJ	H
CHRYSENE	3	UJ	H
DIALLATE	9	UJ	H
DIBENZO(A,H)ANTHRACENE	2	UJ	H
DIBENZOFURAN	3	UJ	H
DIETHYL PHTHALATE	4	J	AHP

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	UJ	H
DIMETHYL PHTHALATE	3	UJ	H
DI-N-BUTYL PHTHALATE	2	UJ	H
DI-N-OCTYL PHTHALATE	3	UJ	H
DINOSEB	2	UJ	H
ETHYL METHANE SULFONATE	5	UJ	H
ETHYL PARATHION	5	UJ	H
FLUORANTHENE	3	UJ	H
FLUORENE	2	UJ	H
HEXACHLOROBENZENE	4	UJ	H
HEXACHLOROBUTADIENE	4	UJ	H
HEXACHLOROCYCLOPENTADIENE	2	UJ	H
HEXACHLOROETHANE	2	UJ	H
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	UJ	H
INDENO(1,2,3-CD)PYRENE	2	UJ	H
ISODRIN	9	UJ	H
ISOPHORONE	2	UJ	H
ISOSAFROLE	9	UJ	H
KEPONE	5	UR	CQ
METHAPYRILENE	5	UJ	H
METHYL METHANE SULFONATE	9	UJ	H
NAPHTHALENE	230		
NITROBENZENE	2	UJ	H
N-NITROSODIETHYLAMINE	9	UJ	H
N-NITROSODIMETHYLAMINE	2	UJ	H
N-NITROSO-DI-N-BUTYLAMINE	5	UJ	H
N-NITROSO-DI-N-PROPYLAMINE	2	UJ	H
N-NITROSODIPHENYLAMINE	8	UJ	H
N-NITROSOMETHYLETHYLAMINE	5	UJ	H
N-NITROSOMORPHOLINE	5	UJ	H
N-NITROSOPIPERIDINE	5	UJ	H

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-FD01-0105	nsample	KWFCGS-M~~S~~W06-0105	nsample	KWFCGS-M~~S~~W06-0105
samp_date	1/28/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0413-4RE	lab_id	WV0413-1RE	lab_id	WV0413-1RE
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	FWFCGS-MW23-0105	DUP_OF:		DUP_OF:	

3-24-05 JAI

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	UJ	H
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	UJ	H
O-TOLUIDINE	5	UJ	H
P-(DIMETHYLAMINO)AZOBENZENE	9	UJ	H
PENTACHLOROBENZENE	5	UJ	H
PENTACHLORONITROBENZENE	5	UJ	H
PENTACHLOROPHENOL	9	UJ	H
PHENACETIN	5	UJ	H
PHENANTHRENE	3	UJ	H
PHENOL	6	UJ	H
PRONAMIDE	5	UJ	H
PYRENE	4	UJ	H
PYRIDINE	3	UJ	H
SAFROLE	5	UJ	H
SULFOTEPP	5	UJ	H
THIONAZIN	9	UJ	H

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	UJ	H
1,3,5-TRINITROBENZENE	5	UJ	H
1,3-DINITROBENZENE	5	UJ	H
1,4-NAPHTHOQUINONE	5	UJ	H
1,4-PHENYLENEDIAMINE	5	UJ	H
1-NAPHTHYLAMINE	5	UJ	H
2,3,4,6-TETRACHLOROPHENOL	5	UJ	H
2,4,5-TRICHLOROPHENOL	7	UJ	H
2,4,6-TRICHLOROPHENOL	7	UJ	H
2,4-DICHLOROPHENOL	6	UJ	H
2,4-DIMETHYLPHENOL	7	UJ	H
2,4-DINITROPHENOL	5	UJ	H
2,4-DINITROTOLUENE	4	UJ	H
2,6-DICHLOROPHENOL	5	UJ	H
2,6-DINITROTOLUENE	3	UJ	H
2-ACETYLAMINOFLUORENE	5	UJ	H
2-CHLORONAPHTHALENE	3	UJ	H
2-CHLOROPHENOL	5	UJ	H
2-METHYLNAPHTHALENE	4	UJ	H
2-METHYLPHENOL	5	UJ	H
2-NAPHTHYLAMINE	5	UJ	H
2-NITROANILINE	3	UJ	H
2-NITROPHENOL	5	UJ	H
2-PICOLINE	5	UJ	H
3&4-METHYLPHENOL	5	UJ	H
3,3'-DICHLOROBENZIDINE	4	UJ	H
3,3'-DIMETHYLBENZIDINE	9	UJ	H
3-METHYLCHOLANTHRENE	5	UJ	H
3-NITROANILINE	3	UJ	H
4,6-DINITRO-2-METHYLPHENOL	10	UJ	H
4-AMINOBIPHENYL	5	UJ	H
4-BROMOPHENYL PHENYL ETHER	4	UJ	H

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	UJ	H
4-CHLOROANILINE	4	UJ	H
4-CHLOROPHENYL PHENYL ETHER	3	UJ	H
4-NITROANILINE	5	UJ	H
4-NITROPHENOL	5	UJ	H
4-NITROQUINOLINE-1-OXIDE	9	UJ	H
5-NITRO-O-TOLUIDINE	9	UJ	H
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	UJ	H
A,A-DIMETHYLPHENETHYLAMINE	5	UJ	H
ACENAPHTHENE	2	UJ	H
ACENAPHTHYLENE	3	UJ	H
ACETOPHENONE	3	UJ	H
ANILINE	3	UJ	H
ANTHRACENE	3	UJ	H
ARAMITE	9	UJ	H
BENZO(A)ANTHRACENE	3	UJ	H
BENZO(A)PYRENE	2	UJ	H
BENZO(B)FLUORANTHENE	2	UJ	H
BENZO(G,H,I)PERYLENE	2	UJ	H
BENZO(K)FLUORANTHENE	3	UJ	H
BENZYL ALCOHOL	3	UJ	H
BIS(2-CHLOROETHOXY)METHANE	2	UJ	H
BIS(2-CHLOROETHYL)ETHER	3	UJ	H
BIS(2-CHLOROISOPROPYL)ETHER	2	UJ	H
BIS(2-ETHYLHEXYL)PHTHALATE	7	UJ	H
BUTYL BENZYL PHTHALATE	3	UJ	H
CHLOROBENZILATE	9	UJ	H
CHRYSENE	3	UJ	H
DIALLATE	9	UJ	H
DIBENZO(A,H)ANTHRACENE	2	UJ	H
DIBENZOFURAN	3	UJ	H
DIETHYL PHTHALATE	2	UJ	H

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW06-0105	nsample	KWFCGS-MW06-0105	nsample	KWFCGS-MW05-0105
samp_date	1/28/2005	samp_date	1/28/2005	samp_date	1/27/2005
lab_id	WV0413-1RE	lab_id	WV0413-1RE	lab_id	WV0389-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	UJ	H
DIMETHYL PHTHALATE	3	UJ	H
DI-N-BUTYL PHTHALATE	2	UJ	H
DI-N-OCTYL PHTHALATE	3	UJ	H
DINOSEB	2	UJ	H
ETHYL METHANE SULFONATE	5	UJ	H
ETHYL PARATHION	5	UJ	H
FLUORANTHENE	3	UJ	H
FLUORENE	2	UJ	H
HEXACHLOROBENZENE	4	UJ	H
HEXACHLOROBUTADIENE	4	UJ	H
HEXACHLOROCYCLOPENTADIENE	2	UJ	H
HEXACHLOROETHANE	2	UJ	H
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	UJ	H
INDENO(1,2,3-CD)PYRENE	2	UJ	H
ISODRIN	9	UJ	H
ISOPHORONE	2	UJ	H
ISOSAFROLE	9	UJ	H
KEPONE	5	UR	CQ
METHAPYRILENE	5	UJ	H
METHYL METHANE SULFONATE	9	UJ	H
NAPHTHALENE	2	UJ	H
NITROBENZENE	2	UJ	H
N-NITROSODIETHYLAMINE	9	UJ	H
N-NITROSODIMETHYLAMINE	2	UJ	H
N-NITROSO-DI-N-BUTYLAMINE	5	UJ	H
N-NITROSO-DI-N-PROPYLAMINE	2	UJ	H
N-NITROSODIPHENYLAMINE	8	UJ	H
N-NITROSOMETHYLETHYLAMINE	5	UJ	H
N-NITROSOMORPHOLINE	5	UJ	H
N-NITROSOPIPERIDINE	5	UJ	H

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	UJ	H
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	UJ	H
O-TOLUIDINE	5	UJ	H
P-(DIMETHYLAMINO)AZOBENZENE	9	UJ	H
PENTACHLOROBENZENE	5	UJ	H
PENTACHLORONITROBENZENE	5	UJ	H
PENTACHLOROPHENOL	9	UJ	H
PHENACETIN	5	UJ	H
PHENANTHRENE	3	UJ	H
PHENOL	6	UJ	H
PRONAMIDE	5	UJ	H
PYRENE	4	UJ	H
PYRIDINE	3	UJ	H
SAFROLE	5	UJ	H
SULFOTEPP	5	UJ	H
THIONAZIN	9	UJ	H

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	9	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW05-0105	nsample	KWFCGS-MW05-0105	nsample	KWFCGS-MW05-0105
samp_date	1/27/2005	samp_date	1/27/2005	samp_date	1/27/2005
lab_id	WV0389-5	lab_id	WV0389-5	lab_id	WV0389-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	9	U	
5-NITRO-O-TOLUIDINE	9	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	9	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	9	U	
CHRYSENE	3	U	
DIALLATE	9	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	9	U	
ISOPHORONE	2	U	
ISOSAFROLE	9	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	9	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	9	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	9	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	9	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW19-0105	nsample	KWFCGS-MW19-0105	nsample	KWFCGS-MW19-0105
samp_date	1/26/2005	samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0389-1	lab_id	WV0389-1	lab_id	WV0389-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	10	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	10	U	
5-NITRO-O-TOLUIDINE	10	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	10	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	10	U	
CHRYSENE	3	U	
DIALLATE	10	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	10	U	
ISOPHORONE	2	U	
ISOSAFROLE	10	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	10	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	10	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW19-0105	nsample	KWFCGS-MW22-0105	nsample	KWFCGS-MW22-0105
samp_date	1/26/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0389-1	lab_id	WV0413-2RE	lab_id	WV0413-2RE
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	10	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	UJ	H
1,3,5-TRINITROBENZENE	5	UJ	H
1,3-DINITROBENZENE	5	UJ	H
1,4-NAPHTHOQUINONE	5	UJ	H
1,4-PHENYLENEDIAMINE	5	UJ	H
1-NAPHTHYLAMINE	5	UJ	H
2,3,4,6-TETRACHLOROPHENOL	5	UJ	H
2,4,5-TRICHLOROPHENOL	7	UJ	H
2,4,6-TRICHLOROPHENOL	7	UJ	H
2,4-DICHLOROPHENOL	6	UJ	H
2,4-DIMETHYLPHENOL	7	UJ	H
2,4-DINITROPHENOL	5	UJ	H
2,4-DINITROTOLUENE	4	UJ	H
2,6-DICHLOROPHENOL	5	UJ	H
2,6-DINITROTOLUENE	3	UJ	H
2-ACETYLAMINOFLUORENE	5	UJ	H
2-CHLORONAPHTHALENE	3	UJ	H
2-CHLOROPHENOL	5	UJ	H
2-METHYLNAPHTHALENE	40	J	H
2-METHYLPHENOL	5	UJ	H
2-NAPHTHYLAMINE	5	UJ	H
2-NITROANILINE	3	UJ	H
2-NITROPHENOL	5	UJ	H
2-PICOLINE	5	UJ	H
3&4-METHYLPHENOL	5	UJ	H
3,3'-DICHLOROBENZIDINE	4	UJ	H
3,3'-DIMETHYLBENZIDINE	9	UJ	H
3-METHYLCHOLANTHRENE	5	UJ	H
3-NITROANILINE	3	UJ	H
4,6-DINITRO-2-METHYLPHENOL	10	UJ	H
4-AMINOBIPHENYL	5	UJ	H
4-BROMOPHENYL PHENYL ETHER	4	UJ	H

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	UJ	H
4-CHLOROANILINE	4	UJ	H
4-CHLOROPHENYL PHENYL ETHER	3	UJ	H
4-NITROANILINE	5	UJ	H
4-NITROPHENOL	5	UJ	H
4-NITROQUINOLINE-1-OXIDE	9	UJ	H
5-NITRO-O-TOLUIDINE	9	UJ	H
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	UJ	H
A,A-DIMETHYLPHENETHYLAMINE	5	UJ	H
ACENAPHTHENE	2	UJ	H
ACENAPHTHYLENE	3	UJ	H
ACETOPHENONE	3	UJ	H
ANILINE	3	UJ	H
ANTHRACENE	3	UJ	H
ARAMITE	9	UJ	H
BENZO(A)ANTHRACENE	3	UJ	H
BENZO(A)PYRENE	2	UJ	H
BENZO(B)FLUORANTHENE	2	UJ	H
BENZO(G,H,I)PERYLENE	2	UJ	H
BENZO(K)FLUORANTHENE	3	UJ	H
BENZYL ALCOHOL	3	UJ	H
BIS(2-CHLOROETHOXY)METHANE	2	UJ	H
BIS(2-CHLOROETHYL)ETHER	3	UJ	H
BIS(2-CHLOROISOPROPYL)ETHER	2	UJ	H
BIS(2-ETHYLHEXYL)PHTHALATE	7	UJ	H
BUTYL BENZYL PHTHALATE	3	UJ	H
CHLOROBENZILATE	9	UJ	H
CHRYSENE	3	UJ	H
DIALLATE	9	UJ	H
DIBENZO(A,H)ANTHRACENE	2	UJ	H
DIBENZOFURAN	3	UJ	H
DIETHYL PHTHALATE	4	J	HP

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW22-0105
samp_date	1/28/2005
lab_id	WV0413-2RE
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	UJ	H
DIMETHYL PHTHALATE	3	UJ	H
DI-N-BUTYL PHTHALATE	2	UJ	H
DI-N-OCTYL PHTHALATE	3	UJ	H
DINOSEB	2	UJ	H
ETHYL METHANE SULFONATE	5	UJ	H
ETHYL PARATHION	5	UJ	H
FLUORANTHENE	3	UJ	H
FLUORENE	2	UJ	H
HEXACHLOROBENZENE	4	UJ	H
HEXACHLOROBUTADIENE	4	UJ	H
HEXACHLOROCYCLOPENTADIENE	2	UJ	H
HEXACHLOROETHANE	2	UJ	H
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	UJ	H
INDENO(1,2,3-CD)PYRENE	2	UJ	H
ISODRIN	9	UJ	H
ISOPHORONE	2	UJ	H
ISOSAFROLE	9	UJ	H
KEPONE	5	UR	CQ
METHAPYRILENE	5	UJ	H
METHYL METHANE SULFONATE	9	UJ	H
NAPHTHALENE	130	J	H
NITROBENZENE	2	UJ	H
N-NITROSODIETHYLAMINE	9	UJ	H
N-NITROSODIMETHYLAMINE	2	UJ	H
N-NITROSO-DI-N-BUTYLAMINE	5	UJ	H
N-NITROSO-DI-N-PROPYLAMINE	2	UJ	H
N-NITROSODIPHENYLAMINE	8	UJ	H
N-NITROSOMETHYLETHYLAMINE	5	UJ	H
N-NITROSOMORPHOLINE	5	UJ	H
N-NITROSOPIPERIDINE	5	UJ	H

nsample	KWFCGS-MW22-0105
samp_date	1/28/2005
lab_id	WV0413-2RE
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	UJ	H
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	UJ	H
O-TOLUIDINE	5	UJ	H
P-(DIMETHYLAMINO)AZOBENZENE	9	UJ	H
PENTACHLOROBENZENE	5	UJ	H
PENTACHLORONITROBENZENE	5	UJ	H
PENTACHLOROPHENOL	9	UJ	H
PHENACETIN	5	UJ	H
PHENANTHRENE	3	UJ	H
PHENOL	6	UJ	H
PRONAMIDE	5	UJ	H
PYRENE	4	UJ	H
PYRIDINE	3	UJ	H
SAFROLE	5	UJ	H
SULFOTEPP	5	UJ	H
THIONAZIN	9	UJ	H

nsample	KWFCGS-MW23-0105
samp_date	1/28/2005
lab_id	WV0413-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	57		
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	10	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW23-0105	nsample	KWFCGS-MW23-0105	nsample	KWFCGS-MW23-0105
samp_date	1/28/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0413-3	lab_id	WV0413-3	lab_id	WV0413-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	10	U	
5-NITRO-O-TOLUIDINE	10	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	10	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	10	U	
CHRYSENE	3	U	
DIALLATE	10	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	4	J	AP

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	10	U	
ISOPHORONE	2	U	
ISOSAFROLE	10	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	10	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	10	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	
N-NITROSOPYRROLIDINE	5	U	

Parameter	Result	Val Qual	Qual Code
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	10	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW23-0105DL	nsample	KWFCGS-MW24-0105	nsample	KWFCGS-MW24-0105
samp_date	1/28/2005	samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0413-3DL	lab_id	WV0389-2	lab_id	WV0389-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
NAPHTHALENE	220		

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	54		
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	9	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	9	U	
5-NITRO-O-TOLUIDINE	9	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	9	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	9	U	
CHRYSENE	3	U	
DIALLATE	9	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	4	J	AP

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW24-0105	nsample	KWFCGS-MW24-0105	nsample	KWFCGS-MW25-0105
samp_date	1/26/2005	samp_date	1/26/2005	samp_date	1/27/2005
lab_id	WV0389-2	lab_id	WV0389-2	lab_id	WV0389-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	9	U	
ISOPHORONE	2	U	
ISOSAFROLE	9	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	9	U	
NAPHTHALENE	130		
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	9	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	9	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	9	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	UR	D
1-NAPHTHYLAMINE	5	UR	D
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	UR	D
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	UR	D
3,3'-DIMETHYLBENZIDINE	10	UR	D
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	UR	D
4-BROMOPHENYL PHENYL ETHER	4	U	

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SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW25-0105	nsample	KWFCGS-MW25-0105	nsample	KWFCGS-MW25-0105
samp_date	1/27/2005	samp_date	1/27/2005	samp_date	1/27/2005
lab_id	WV0389-6	lab_id	WV0389-6	lab_id	WV0389-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	10	U	
5-NITRO-O-TOLUIDINE	10	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	UR	D
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	10	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	10	U	
CHRYSENE	3	U	
DIALLATE	10	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CDQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	10	U	
ISOPHORONE	2	U	
ISOSAFROLE	10	U	
KEPONE	5	UR	CDQ
METHAPYRILENE	5	UR	D
METHYL METHANE SULFONATE	10	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	10	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	10	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW26-0105	nsample	KWFCGS-MW26-0105	nsample	KWFCGS-MW26-0105
samp_date	1/27/2005	samp_date	1/27/2005	samp_date	1/27/2005
lab_id	WV0389-7	lab_id	WV0389-7	lab_id	WV0389-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	9	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	9	U	
5-NITRO-O-TOLUIDINE	9	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	9	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	9	U	
CHRYSENE	3	U	
DIALLATE	9	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	9	U	
ISOPHORONE	2	U	
ISOSAFROLE	9	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	9	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	9	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW26-0105	nsample	KWFCGS-MW27-0105	nsample	KWFCGS-MW27-0105
samp_date	1/27/2005	samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0389-7	lab_id	WV0389-3	lab_id	WV0389-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	9	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	9	U	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	7	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	9	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	9	U	
5-NITRO-O-TOLUIDINE	9	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	9	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	9	U	
CHRYSENE	3	U	
DIALLATE	9	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW27-0105
samp_date	1/26/2005
lab_id	WV0389-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	9	U	
ISOPHORONE	2	U	
ISOSAFROLE	9	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	9	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	9	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

nsample	KWFCGS-MW27-0105
samp_date	1/26/2005
lab_id	WV0389-3
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	9	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	9	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	9	U	

nsample	KWFCGS-MW28-0105
samp_date	1/26/2005
lab_id	WV0389-4
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	
1,3,5-TRINITROBENZENE	5	U	
1,3-DINITROBENZENE	5	U	
1,4-NAPHTHOQUINONE	5	U	
1,4-PHENYLENEDIAMINE	5	U	
1-NAPHTHYLAMINE	5	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	
2,4,5-TRICHLOROPHENOL	7	U	
2,4,6-TRICHLOROPHENOL	7	U	
2,4-DICHLOROPHENOL	6	U	
2,4-DIMETHYLPHENOL	8	U	
2,4-DINITROPHENOL	5	U	
2,4-DINITROTOLUENE	4	U	
2,6-DICHLOROPHENOL	5	U	
2,6-DINITROTOLUENE	3	U	
2-ACETYLAMINOFLUORENE	5	U	
2-CHLORONAPHTHALENE	3	U	
2-CHLOROPHENOL	5	U	
2-METHYLNAPHTHALENE	4	U	
2-METHYLPHENOL	5	U	
2-NAPHTHYLAMINE	5	U	
2-NITROANILINE	3	U	
2-NITROPHENOL	5	U	
2-PICOLINE	5	U	
3&4-METHYLPHENOL	5	U	
3,3'-DICHLOROBENZIDINE	4	U	
3,3'-DIMETHYLBENZIDINE	10	U	
3-METHYLCHOLANTHRENE	5	U	
3-NITROANILINE	3	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	
4-AMINOBIPHENYL	5	U	
4-BROMOPHENYL PHENYL ETHER	4	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW28-0105	nsample	KWFCGS-MW28-0105	nsample	KWFCGS-MW28-0105
samp_date	1/26/2005	samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0389-4	lab_id	WV0389-4	lab_id	WV0389-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	
4-CHLOROANILINE	4	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	
4-NITROANILINE	5	U	
4-NITROPHENOL	5	U	
4-NITROQUINOLINE-1-OXIDE	10	U	
5-NITRO-O-TOLUIDINE	10	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	
ACENAPHTHENE	2	U	
ACENAPHTHYLENE	3	U	
ACETOPHENONE	3	U	
ANILINE	3	U	
ANTHRACENE	3	U	
ARAMITE	10	U	
BENZO(A)ANTHRACENE	3	U	
BENZO(A)PYRENE	2	U	
BENZO(B)FLUORANTHENE	2	U	
BENZO(G,H,I)PERYLENE	2	U	
BENZO(K)FLUORANTHENE	3	U	
BENZYL ALCOHOL	3	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	
BIS(2-CHLOROETHYL)ETHER	3	U	
BIS(2-CHLOROISOPROPYL)ETHER	2	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	
BUTYL BENZYL PHTHALATE	3	U	
CHLOROBENZILATE	10	U	
CHRYSENE	3	U	
DIALLATE	10	U	
DIBENZO(A,H)ANTHRACENE	2	U	
DIBENZOFURAN	3	U	
DIETHYL PHTHALATE	2	U	

Parameter	Result	Val Qual	Qual Code
DIMETHOATE	5	U	
DIMETHYL PHTHALATE	3	U	
DI-N-BUTYL PHTHALATE	2	U	
DI-N-OCTYL PHTHALATE	3	U	
DINOSEB	2	U	
ETHYL METHANE SULFONATE	5	U	
ETHYL PARATHION	5	U	
FLUORANTHENE	3	U	
FLUORENE	2	U	
HEXACHLOROBENZENE	4	U	
HEXACHLOROBUTADIENE	4	U	
HEXACHLOROCYCLOPENTADIENE	2	U	
HEXACHLOROETHANE	2	U	
HEXACHLOROPHENE	5	UR	CQ
HEXACHLOROPROPENE	5	U	
INDENO(1,2,3-CD)PYRENE	2	U	
ISODRIN	10	U	
ISOPHORONE	2	U	
ISOSAFROLE	10	U	
KEPONE	5	UR	CQ
METHAPYRILENE	5	U	
METHYL METHANE SULFONATE	10	U	
NAPHTHALENE	2	U	
NITROBENZENE	2	U	
N-NITROSODIETHYLAMINE	10	U	
N-NITROSODIMETHYLAMINE	2	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	
N-NITROSODIPHENYLAMINE	8	U	
N-NITROSOMETHYLETHYLAMINE	5	U	
N-NITROSOMORPHOLINE	5	U	
N-NITROSOPIPERIDINE	5	U	

Parameter	Result	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	
O-TOLUIDINE	5	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	
PENTACHLOROBENZENE	5	U	
PENTACHLORONITROBENZENE	5	U	
PENTACHLOROPHENOL	9	U	
PHENACETIN	5	U	
PHENANTHRENE	3	U	
PHENOL	6	U	
PRONAMIDE	5	U	
PYRENE	4	U	
PYRIDINE	3	U	
SAFROLE	5	U	
SULFOTEPP	5	U	
THIONAZIN	10	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-FD01-0105	nsample	KWFCGS-MW05-0105	nsample	KWFCGS-MW06-0105
samp_date	1/28/2005	samp_date	1/27/2005	samp_date	1/28/2005
lab_id	WV0413-4	lab_id	WV0389-5	lab_id	WV0413-1SC
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	KWFCGS-MW23-0105	DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	UJ	R
4,4'-DDE	0.057	UJ	R
4,4'-DDT	0.042	UJ	R
ALDRIN	0.026	UJ	R
ALPHA-BHC	0.018	UJ	R
AROCLOR-1016	0.12	UJ	R
AROCLOR-1221	0.25	UJ	R
AROCLOR-1232	0.28	UJ	R
AROCLOR-1242	0.21	UJ	R
AROCLOR-1248	0.095	UJ	R
AROCLOR-1254	0.24	UJ	R
AROCLOR-1260	0.057	UJ	R
BETA-BHC	0.024	UJ	R
CHLORDANE	0.059	UJ	R
DELTA-BHC	0.026	UJ	R
DIELDRIN	0.012	UJ	R
ENDOSULFAN I	0.023	UJ	R
ENDOSULFAN II	0.014	UJ	R
ENDOSULFAN SULFATE	0.012	UJ	R
ENDRIN	0.01	UJ	R
ENDRIN ALDEHYDE	0.031	UJ	R
GAMMA-BHC (LINDANE)	0.016	UJ	R
HEPTACHLOR	0.017	UJ	R
HEPTACHLOR EPOXIDE	0.014	UJ	R
METHOXYCHLOR	0.032	UJ	R
TOXAPHENE	0.28	UJ	R

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.025	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	UJ	R
AROCLOR-1221	0.24	UJ	R
AROCLOR-1232	0.27	UJ	R
AROCLOR-1242	0.21	UJ	R
AROCLOR-1248	0.094	UJ	R
AROCLOR-1254	0.24	UJ	R
AROCLOR-1260	0.057	UJ	R
BETA-BHC	0.024	U	
CHLORDANE	0.058	U	
DELTA-BHC	0.025	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.27	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	UJ	R
4,4'-DDE	0.057	UJ	R
4,4'-DDT	0.042	UJ	R
ALDRIN	0.026	UJ	R
ALPHA-BHC	0.018	UJ	R
AROCLOR-1016	0.12	UJ	R
AROCLOR-1221	0.25	UJ	R
AROCLOR-1232	0.28	UJ	R
AROCLOR-1242	0.21	UJ	R
AROCLOR-1248	0.095	UJ	R
AROCLOR-1254	0.24	UJ	R
AROCLOR-1260	0.057	UJ	R
BETA-BHC	0.05	UJ	R
CHLORDANE	0.059	UJ	R
DELTA-BHC	0.076	J	R
DIELDRIN	0.012	UJ	R
ENDOSULFAN I	0.023	UJ	R
ENDOSULFAN II	0.014	UJ	R
ENDOSULFAN SULFATE	0.012	UJ	R
ENDRIN	0.01	UJ	R
ENDRIN ALDEHYDE	0.031	UJ	R
GAMMA-BHC (LINDANE)	0.016	UJ	R
HEPTACHLOR	0.017	UJ	R
HEPTACHLOR EPOXIDE	0.014	UJ	R
METHOXYCHLOR	0.032	UJ	R
TOXAPHENE	0.28	UJ	R

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW19-0105	nsample	KWFCGS-MW22-0105	nsample	KWFCGS-MW23-0105
samp_date	1/26/2005	samp_date	1/28/2005	samp_date	1/28/2005
lab_id	WV0389-1	lab_id	WV0413-2SC	lab_id	WV0413-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.025	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.24	U	
AROCLOR-1232	0.27	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.094	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.024	U	
CHLORDANE	0.058	U	
DELTA-BHC	0.025	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.27	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.026	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.25	U	
AROCLOR-1232	0.28	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.095	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.05	U	
CHLORDANE	0.059	U	
DELTA-BHC	0.026	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.28	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.026	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.25	U	
AROCLOR-1232	0.28	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.095	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.024	U	
CHLORDANE	0.059	U	
DELTA-BHC	0.026	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.28	U	

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW24-0105	nsample	KWFCGS-MW25-0105	nsample	KWFCGS-MW26-0105
samp_date	1/26/2005	samp_date	1/27/2005	samp_date	1/27/2005
lab_id	WV0389-2SC	lab_id	WV0389-6	lab_id	WV0389-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.025	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.24	U	
AROCLOR-1232	0.27	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.094	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.05	U	
CHLORDANE	0.058	U	
DELTA-BHC	0.05	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.27	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	UJ	R
4,4'-DDE	0.057	UJ	R
4,4'-DDT	0.042	UJ	R
ALDRIN	0.026	UJ	R
ALPHA-BHC	0.018	UJ	R
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.25	U	
AROCLOR-1232	0.28	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.095	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.024	UJ	R
CHLORDANE	0.059	UJ	R
DELTA-BHC	0.026	UJ	R
DIELDRIN	0.012	UJ	R
ENDOSULFAN I	0.023	UJ	R
ENDOSULFAN II	0.014	UJ	R
ENDOSULFAN SULFATE	0.012	UJ	R
ENDRIN	0.01	UJ	R
ENDRIN ALDEHYDE	0.031	UJ	R
GAMMA-BHC (LINDANE)	0.016	UJ	R
HEPTACHLOR	0.017	UJ	R
HEPTACHLOR EPOXIDE	0.014	UJ	R
METHOXYCHLOR	0.032	UJ	R
TOXAPHENE	0.28	UJ	R

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	UJ	R
4,4'-DDE	0.057	UJ	R
4,4'-DDT	0.042	UJ	R
ALDRIN	0.025	UJ	R
ALPHA-BHC	0.018	UJ	R
AROCLOR-1016	0.12	UJ	R
AROCLOR-1221	0.24	UJ	R
AROCLOR-1232	0.27	UJ	R
AROCLOR-1242	0.21	UJ	R
AROCLOR-1248	0.094	UJ	R
AROCLOR-1254	0.24	UJ	R
AROCLOR-1260	0.057	UJ	R
BETA-BHC	0.024	UJ	R
CHLORDANE	0.058	UJ	R
DELTA-BHC	0.025	UJ	R
DIELDRIN	0.012	UJ	R
ENDOSULFAN I	0.023	UJ	R
ENDOSULFAN II	0.014	UJ	R
ENDOSULFAN SULFATE	0.012	UJ	R
ENDRIN	0.01	UJ	R
ENDRIN ALDEHYDE	0.031	UJ	R
GAMMA-BHC (LINDANE)	0.016	UJ	R
HEPTACHLOR	0.017	UJ	R
HEPTACHLOR EPOXIDE	0.014	UJ	R
METHOXYCHLOR	0.032	UJ	R
TOXAPHENE	0.27	UJ	R

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW27-0105	nsample	KWFCGS-MW28-0105
samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0389-3	lab_id	WV0389-4
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	U	
4,4'-DDE	0.057	U	
4,4'-DDT	0.042	U	
ALDRIN	0.025	U	
ALPHA-BHC	0.018	U	
AROCLOR-1016	0.12	U	
AROCLOR-1221	0.24	U	
AROCLOR-1232	0.27	U	
AROCLOR-1242	0.21	U	
AROCLOR-1248	0.094	U	
AROCLOR-1254	0.24	U	
AROCLOR-1260	0.057	U	
BETA-BHC	0.024	U	
CHLORDANE	0.058	U	
DELTA-BHC	0.025	U	
DIELDRIN	0.012	U	
ENDOSULFAN I	0.023	U	
ENDOSULFAN II	0.014	U	
ENDOSULFAN SULFATE	0.012	U	
ENDRIN	0.01	U	
ENDRIN ALDEHYDE	0.031	U	
GAMMA-BHC (LINDANE)	0.016	U	
HEPTACHLOR	0.017	U	
HEPTACHLOR EPOXIDE	0.014	U	
METHOXYCHLOR	0.032	U	
TOXAPHENE	0.27	U	

Parameter	Result	Val Qual	Qual Code
4,4'-DDD	0.015	UJ	R
4,4'-DDE	0.057	UJ	R
4,4'-DDT	0.042	UJ	R
ALDRIN	0.025	UJ	R
ALPHA-BHC	0.018	UJ	R
AROCLOR-1016	0.12	UJ	R
AROCLOR-1221	0.24	UJ	R
AROCLOR-1232	0.27	UJ	R
AROCLOR-1242	0.21	UJ	R
AROCLOR-1248	0.094	UJ	R
AROCLOR-1254	0.24	UJ	R
AROCLOR-1260	0.057	UJ	R
BETA-BHC	0.024	UJ	R
CHLORDANE	0.058	UJ	R
DELTA-BHC	0.025	UJ	R
DIELDRIN	0.012	UJ	R
ENDOSULFAN I	0.023	UJ	R
ENDOSULFAN II	0.014	UJ	R
ENDOSULFAN SULFATE	0.012	UJ	R
ENDRIN	0.01	UJ	R
ENDRIN ALDEHYDE	0.031	UJ	R
GAMMA-BHC (LINDANE)	0.016	UJ	R
HEPTACHLOR	0.017	UJ	R
HEPTACHLOR EPOXIDE	0.014	UJ	R
METHOXYCHLOR	0.032	UJ	R
TOXAPHENE	0.27	UJ	R

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	IJ	1	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone		22	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	I	0.4	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene		48	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	7	1.0	15	15	0.8
	m+p-Xylenes	I	6	1.0	10	10	0.5
95-47-6	o-Xylene	I	0.9	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		82%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	IV	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	I	0.6	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	I	0.5	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene		16	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	6	1.0	15	15	0.8
	m+p-Xylenes	I	6	1.0	10	10	0.5
95-47-6	o-Xylene	I	0.5	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	IJ	1	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone		20	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	I	0.4	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene		48	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	7	1.0	15	15	0.8
	m+p-Xylenes	I	6	1.0	10	10	0.5
95-47-6	o-Xylene	I	0.7	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		92%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	I	0.7	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	I	1	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene		21	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	6	1.0	15	15	0.8
	m+p-Xylenes	I	5	1.0	10	10	0.5
95-47-6	o-Xylene	I	1	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	I	2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	3	1.0	15	15	0.8
	m+p-Xylenes	I	3	1.0	10	10	0.5
95-47-6	o-Xylene	I	0.4	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-3
Client ID: KWFCGS-MW27-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-3
Client ID: KWFCGS-MW27-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-4
Client ID: KWFCGS-MW28-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-4
Client ID: KWFCGS-MW28-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-5
Client ID: KWFCGS-TB01-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date:
Analysis Date: 02/02/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-5
Client ID: KWFCGS-TB01-0105
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13984
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/17/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-8
Client ID: TRIP BLANK
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.3	1.0	5	5	0.3
75-01-4	Vinyl chloride	U	0.3	1.0	2	2	0.3
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.3	1.0	5	5	0.3
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	1	1.0	50	50	1
75-09-2	Methylene Chloride	U	2	1.0	5	5	2
67-64-1	Acetone	U	2	1.0	10	10	2
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
107-05-1	Allyl Chloride	U	0.4	1.0	10	10	0.4
75-05-8	Acetonitrile	U	6	1.0	50	50	6
126-99-8	Chloroprene	U	0.2	1.0	10	10	0.2
126-98-7	Methacrylonitrile	U	3	1.0	50	50	3
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	1	1.0	10	10	1
108-05-4	Vinyl Acetate	U	0.3	1.0	5	5	0.3
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.3	1.0	10	10	0.3
67-66-3	Chloroform	U	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.3	1.0	5	5	0.3
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	3	1.0	10	10	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.4	1.0	10	10	0.4
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	IV	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.2	1.0	5	5	0.2
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	3	1.0	10	10	3
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

03-21-05

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/17/05
Received Date: 01/28/05
Extraction Date:
Analysis Date: 02/01/05
Report Date: 02/09/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-8
Client ID: TRIP BLANK
SDG: CTO351-11
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG13959
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	2	1.0	10	10	2
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.5	1.0	10	10	0.5
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.4	1.0	10	10	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	0.6	1.0	5	5	0.6
76-01-1	Pentachloroethane	U	0.1	1.0	10	10	0.1
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.4	1.0	5	5	0.4
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.3	1.0	5	5	0.3
120-82-1	1,2,4-Trichlorobenzene	U	0.3	1.0	5	5	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		94%				
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:45
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	250	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		65	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:45
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:45
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		J 7%				
13127-88-3	Phenol-D6		20%				
4165-60-0	Nitrobenzene-D5		J 34%				
321-60-8	2-Fluorobiphenyl		68%				
118-79-6	2,4,6-Tribromophenol		J 19%				
1718-51-0	Terphenyl-D14		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:48
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4DL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	9	2.0	10	19	9
110-86-1	Pyridine	U	5	2.0	50	94	5
62-75-9	N-Nitrosodimethylamine	U	4	2.0	20	38	4
62-53-3	Aniline	U	6	2.0	10	19	6
108-95-2	Phenol	U	11	2.0	10	19	11
111-44-4	Bis(2-Chloroethyl)ether	U	6	2.0	10	19	6
95-57-8	2-Chlorophenol	U	10	2.0	10	19	10
100-51-6	Benzyl alcohol	U	5	2.0	20	38	5
108-60-1	Bis(2-Chloroisopropyl)ether	U	4	2.0	10	19	4
95-48-7	2-Methylphenol	U	10	2.0	10	19	10
67-72-1	Hexachloroethane	U	4	2.0	10	19	4
621-64-7	N-Nitroso-di-n-propylamine	U	5	2.0	10	19	5
106-44-5	3&4-Methylphenol	U	9	2.0	10	19	9
98-95-3	Nitrobenzene	U	5	2.0	10	19	5
78-59-1	Isophorone	U	5	2.0	10	19	5
88-75-5	2-Nitrophenol	U	11	2.0	10	19	11
105-67-9	2,4-Dimethyphenol	U	15	2.0	10	19	15
111-91-1	Bis(2-Chloroethoxy)methane	U	5	2.0	10	19	5
120-83-2	2,4-Dichlorophenol	U	12	2.0	10	19	12
91-20-3	Naphthalene		270	2.0	10	19	5
106-47-8	4-Chloroaniline	U	7	2.0	10	19	7
87-68-3	Hexachlorobutadiene	U	8	2.0	10	19	8
59-50-7	4-Chloro-3-Methylphenol	U	11	2.0	10	19	11
91-57-6	2-Methylnaphthalene		68	2.0	10	19	9
77-47-4	Hexachlorocyclopentadiene	U	4	2.0	10	19	4
88-06-2	2,4,6-Trichlorophenol	U	14	2.0	10	19	14
95-95-4	2,4,5-Trichlorophenol	U	14	2.0	25	47	14
91-58-7	2-Chloronaphthalene	U	6	2.0	10	19	6
88-74-4	2-Nitroaniline	U	6	2.0	25	47	6
208-96-8	Acenaphthylene	U	5	2.0	10	19	5
131-11-3	Dimethyl Phthalate	U	6	2.0	10	19	6
606-20-2	2,6-Dinitrotoluene	U	5	2.0	10	19	5
83-32-9	Acenaphthene	U	5	2.0	10	19	5
99-09-2	3-Nitroaniline	U	6	2.0	25	47	6
51-28-5	2,4-Dinitrophenol	U	10	2.0	25	47	10
132-64-9	Dibenzofuran	U	7	2.0	10	19	7
100-02-7	4-Nitrophenol	U	10	2.0	25	47	10
121-14-2	2,4-Dinitrotoluene	U	7	2.0	10	19	7
86-73-7	Fluorene	U	5	2.0	10	19	5
84-66-2	Diethylphthalate	U	4	2.0	10	19	4
7005-72-3	4-Chlorophenyl-phenylether	U	6	2.0	10	19	6
100-01-6	4-Nitroaniline	U	10	2.0	25	47	10
534-52-1	4,6-Dinitro-2-Methylphenol	U	19	2.0	25	47	19

Report only Naphthalene

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:48
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4DL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	16	2.0	10	19	16
101-55-3	4-Bromophenyl-phenylether	U	9	2.0	10	19	9
118-74-1	Hexachlorobenzene	U	8	2.0	10	19	8
87-86-5	Pentachlorophenol	U	18	2.0	25	47	18
85-01-8	Phenanthrene	U	6	2.0	10	19	6
120-12-7	Anthracene	U	6	2.0	10	19	6
84-74-2	Di-n-butylphthalate	U	4	2.0	10	19	4
206-44-0	Fluoranthene	U	6	2.0	10	19	6
129-00-0	Pyrene	U	8	2.0	10	19	8
85-68-7	Butylbenzylphthalate	U	6	2.0	10	19	6
56-55-3	Benzo(a)anthracene	U	6	2.0	10	19	6
218-01-9	Chrysene	U	6	2.0	10	19	6
91-94-1	3,3'-Dichlorobenzidine	U	7	2.0	10	19	7
117-81-7	bis(2-Ethylhexyl)phthalate	U	14	2.0	10	19	14
117-84-0	Di-n-octylphthalate	U	6	2.0	10	19	6
205-99-2	Benzo(b)fluoranthene	U	4	2.0	10	19	4
207-08-9	Benzo(k)fluoranthene	U	6	2.0	10	19	6
50-32-8	Benzo(a)pyrene	U	5	2.0	10	19	5
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	2.0	10	19	5
53-70-3	Dibenzo(a,h)anthracene	U	5	2.0	10	19	5
191-24-2	Benzo(g,h,i)perylene	U	4	2.0	10	19	4
10595-95-6	N-Nitrosomethylethylamine	U	9	2.0	10	19	9
66-27-3	Methyl Methanesulfonate	U	19	2.0	20	38	19
55-18-5	N-Nitrosodiethylamine	U	19	2.0	20	38	19
62-50-0	Ethyl Methanesulfonate	U	9	2.0	10	19	9
930-55-2	N-Nitrosopyrrolidine	U	9	2.0	10	19	9
59-89-2	N-Nitrosomorpholine	U	9	2.0	10	19	9
95-53-4	o-Toluidine	U	9	2.0	10	19	9
98-86-2	Acetophenone	U	5	2.0	10	19	5
100-75-4	N-Nitrosopiperidine	U	9	2.0	10	19	9
126-68-1	O,O,O-Triethylphosphorothioat	U	19	2.0	20	38	19
87-65-0	2,6-Dichlorophenol	U	9	2.0	10	19	9
1888-71-7	Hexachloropropene	U	9	2.0	10	19	9
122-09-8	A,A-Dimethylphenethylamine	U	9	2.0	10	19	9
924-16-3	N-Nitroso-Di-N-Butylamine	U	9	2.0	10	19	9
120-58-1	Isosafrole	U	19	2.0	20	38	19
106-50-3	p-Phenylenediamine	U	9	2.0	10	19	9
95-94-3	1,2,4,5-Tetrachlorobenzene	U	9	2.0	10	19	9
94-59-7	Safrole	U	9	2.0	10	19	9
130-15-4	1,4-Naphthoquinone	U	9	2.0	10	19	9
99-65-0	1,3-Dinitrobenzene	U	9	2.0	10	19	9
608-93-5	Pentachlorobenzene	U	9	2.0	10	19	9
91-59-8	2-Naphthylamine	U	9	2.0	10	19	9

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:48
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4DL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	9	2.0	10	19	9
58-90-2	2,3,4,6-Tetrachlorophenol	U	9	2.0	10	19	9
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	19	2.0	20	38	19
99-55-8	5-Nitro-O-Toluidine	U	19	2.0	20	38	19
3689-24-5	Sulfotepp	U	9	2.0	10	19	9
99-35-4	1,3,5-Trinitrobenzene	U	9	2.0	10	19	9
2303-16-4	Diallate	U	19	2.0	20	38	19
62-44-2	Phenacetin	U	9	2.0	10	19	9
60-51-5	Dimethoate	U	9	2.0	10	19	9
92-67-1	4-Aminobiphenyl	U	9	2.0	10	19	9
82-68-8	Pentachloronitrobenzene	U	9	2.0	10	19	9
23950-58-5	Pronamide	U	9	2.0	10	19	9
56-57-5	4-Nitroquinoline-1-Oxide	U	19	2.0	20	38	19
91-80-5	Methapyrilene	U	9	2.0	10	19	9
465-73-6	Isodrin	U	19	2.0	20	38	19
140-57-8	Aramite	U	19	2.0	20	38	19
60-11-7	p-Dimethylaminoazobenzene	U	19	2.0	20	38	19
510-15-6	Chlorobenzilate	U	19	2.0	20	38	19
143-50-0	Kepone	U	9	2.0	10	19	9
119-93-7	3,3'-Dimethylbenzidine	U	19	2.0	20	38	19
53-96-3	2-Acetylaminofluorene	U	9	2.0	10	19	9
56-49-5	3-Methylcholanthrene	U	9	2.0	10	19	9
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	9	2.0	10	19	9
70-30-4	Hexachlorophene	U	9	2.0	10	19	9
56-38-2	Parathion	U	9	2.0	10	19	9
88-85-7	Dinoseb	U	5	2.0	5	9	5
367-12-4	2-Fluorophenol		J 7%				
13127-88-3	Phenol-D6		20%				
4165-60-0	Nitrobenzene-D5		J 40%				
321-60-8	2-Fluorobiphenyl		59%				
118-79-6	2,4,6-Tribromophenol		J 15%				
1718-51-0	Terphenyl-D14		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 17:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4RE
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	230	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		56	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 17:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4RE
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 17:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4RE
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		71%				
13127-88-3	Phenol-D6		79%				
4165-60-0	Nitrobenzene-D5		56%				
321-60-8	2-Fluorobiphenyl		72%				
118-79-6	2,4,6-Tribromophenol		103%				
1718-51-0	Terphenyl-D14		60%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 13:22
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4REDL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	9	2.0	10	19	9
110-86-1	Pyridine	U	5	2.0	50	94	5
62-75-9	N-Nitrosodimethylamine	U	4	2.0	20	38	4
62-53-3	Aniline	U	6	2.0	10	19	6
108-95-2	Phenol	U	11	2.0	10	19	11
111-44-4	Bis(2-Chloroethyl)ether	U	6	2.0	10	19	6
95-57-8	2-Chlorophenol	U	10	2.0	10	19	10
100-51-6	Benzyl alcohol	U	5	2.0	20	38	5
108-60-1	Bis(2-Chloroisopropyl)ether	U	4	2.0	10	19	4
95-48-7	2-Methylphenol	U	10	2.0	10	19	10
67-72-1	Hexachloroethane	U	4	2.0	10	19	4
621-64-7	N-Nitroso-di-n-propylamine	U	5	2.0	10	19	5
106-44-5	3&4-Methylphenol	U	9	2.0	10	19	9
98-95-3	Nitrobenzene	U	5	2.0	10	19	5
78-59-1	Isophorone	U	5	2.0	10	19	5
88-75-5	2-Nitrophenol	U	11	2.0	10	19	11
105-67-9	2,4-Dimethyphenol	U	15	2.0	10	19	15
111-91-1	Bis(2-Chloroethoxy)methane	U	5	2.0	10	19	5
120-83-2	2,4-Dichlorophenol	U	12	2.0	10	19	12
91-20-3	Naphthalene		230	2.0	10	19	5
106-47-8	4-Chloroaniline	U	7	2.0	10	19	7
87-68-3	Hexachlorobutadiene	U	8	2.0	10	19	8
59-50-7	4-Chloro-3-Methylphenol	U	11	2.0	10	19	11
91-57-6	2-Methylnaphthalene		63	2.0	10	19	9
77-47-4	Hexachlorocyclopentadiene	U	4	2.0	10	19	4
88-06-2	2,4,6-Trichlorophenol	U	14	2.0	10	19	14
95-95-4	2,4,5-Trichlorophenol	U	14	2.0	25	47	14
91-58-7	2-Chloronaphthalene	U	6	2.0	10	19	6
88-74-4	2-Nitroaniline	U	6	2.0	25	47	6
208-96-8	Acenaphthylene	U	5	2.0	10	19	5
131-11-3	Dimethyl Phthalate	U	6	2.0	10	19	6
606-20-2	2,6-Dinitrotoluene	U	5	2.0	10	19	5
83-32-9	Acenaphthene	U	5	2.0	10	19	5
99-09-2	3-Nitroaniline	U	6	2.0	25	47	6
51-28-5	2,4-Dinitrophenol	U	10	2.0	25	47	10
132-64-9	Dibenzofuran	U	7	2.0	10	19	7
100-02-7	4-Nitrophenol	U	10	2.0	25	47	10
121-14-2	2,4-Dinitrotoluene	U	7	2.0	10	19	7
86-73-7	Fluorene	U	5	2.0	10	19	5
84-66-2	Diethylphthalate	I	8	2.0	10	19	4
7005-72-3	4-Chlorophenyl-phenylether	U	6	2.0	10	19	6
100-01-6	4-Nitroaniline	U	10	2.0	25	47	10
534-52-1	4,6-Dinitro-2-Methylphenol	U	19	2.0	25	47	19

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 13:22
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4REDL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	16	2.0	10	19	16
101-55-3	4-Bromophenyl-phenylether	U	9	2.0	10	19	9
118-74-1	Hexachlorobenzene	U	8	2.0	10	19	8
87-86-5	Pentachlorophenol	U	18	2.0	25	47	18
85-01-8	Phenanthrene	U	6	2.0	10	19	6
120-12-7	Anthracene	U	6	2.0	10	19	6
84-74-2	Di-n-butylphthalate	U	4	2.0	10	19	4
206-44-0	Fluoranthene	U	6	2.0	10	19	6
129-00-0	Pyrene	U	8	2.0	10	19	8
85-68-7	Butylbenzylphthalate	U	6	2.0	10	19	6
56-55-3	Benzo(a)anthracene	U	6	2.0	10	19	6
218-01-9	Chrysene	U	6	2.0	10	19	6
91-94-1	3,3'-Dichlorobenzidine	U	7	2.0	10	19	7
117-81-7	bis(2-Ethylhexyl)phthalate	U	14	2.0	10	19	14
117-84-0	Di-n-octylphthalate	U	6	2.0	10	19	6
205-99-2	Benzo(b)fluoranthene	U	4	2.0	10	19	4
207-08-9	Benzo(k)fluoranthene	U	6	2.0	10	19	6
50-32-8	Benzo(a)pyrene	U	5	2.0	10	19	5
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	2.0	10	19	5
53-70-3	Dibenzo(a,h)anthracene	U	5	2.0	10	19	5
191-24-2	Benzo(g,h,i)perylene	U	4	2.0	10	19	4
10595-95-6	N-Nitrosomethylethylamine	U	9	2.0	10	19	9
66-27-3	Methyl Methanesulfonate	U	19	2.0	20	38	19
55-18-5	N-Nitrosodiethylamine	U	19	2.0	20	38	19
62-50-0	Ethyl Methanesulfonate	U	9	2.0	10	19	9
930-55-2	N-Nitrosopyrrolidine	U	9	2.0	10	19	9
59-89-2	N-Nitrosomorpholine	U	9	2.0	10	19	9
95-53-4	o-Toluidine	U	9	2.0	10	19	9
98-86-2	Acetophenone	U	5	2.0	10	19	5
100-75-4	N-Nitrosopiperidine	U	9	2.0	10	19	9
126-68-1	O,O,O-Triethylphosphorothioat	U	19	2.0	20	38	19
87-65-0	2,6-Dichlorophenol	U	9	2.0	10	19	9
1888-71-7	Hexachloropropene	U	9	2.0	10	19	9
122-09-8	A,A-Dimethylphenethylamine	U	9	2.0	10	19	9
924-16-3	N-Nitroso-Di-N-Butylamine	U	9	2.0	10	19	9
120-58-1	Isosafrole	U	19	2.0	20	38	19
106-50-3	p-Phenylenediamine	U	9	2.0	10	19	9
95-94-3	1,2,4,5-Tetrachlorobenzene	U	9	2.0	10	19	9
94-59-7	Safrole	U	9	2.0	10	19	9
130-15-4	1,4-Naphthoquinone	U	9	2.0	10	19	9
99-65-0	1,3-Dinitrobenzene	U	9	2.0	10	19	9
608-93-5	Pentachlorobenzene	U	9	2.0	10	19	9
91-59-8	2-Naphthylamine	U	9	2.0	10	19	9

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 13:22
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4REDL
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	9	2.0	10	19	9
58-90-2	2,3,4,6-Tetrachlorophenol	U	9	2.0	10	19	9
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	19	2.0	20	38	19
99-55-8	5-Nitro-O-Toluidine	U	19	2.0	20	38	19
3689-24-5	Sulfotepp	U	9	2.0	10	19	9
99-35-4	1,3,5-Trinitrobenzene	U	9	2.0	10	19	9
2303-16-4	Diallate	U	19	2.0	20	38	19
62-44-2	Phenacetin	U	9	2.0	10	19	9
60-51-5	Dimethoate	U	9	2.0	10	19	9
92-67-1	4-Aminobiphenyl	U	9	2.0	10	19	9
82-68-8	Pentachloronitrobenzene	U	9	2.0	10	19	9
23950-58-5	Pronamide	U	9	2.0	10	19	9
56-57-5	4-Nitroquinoline-1-Oxide	U	19	2.0	20	38	19
91-80-5	Methapyrilene	U	9	2.0	10	19	9
465-73-6	Isodrin	U	19	2.0	20	38	19
140-57-8	Aramite	U	19	2.0	20	38	19
60-11-7	p-Dimethylaminoazobenzene	U	19	2.0	20	38	19
510-15-6	Chlorobenzilate	U	19	2.0	20	38	19
143-50-0	Kepone	U	9	2.0	10	19	9
119-93-7	3,3'-Dimethylbenzidine	U	19	2.0	20	38	19
53-96-3	2-Acetylaminofluorene	U	9	2.0	10	19	9
56-49-5	3-Methylcholanthrene	U	9	2.0	10	19	9
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	9	2.0	10	19	9
70-30-4	Hexachlorophene	U	9	2.0	10	19	9
56-38-2	Parathion	U	9	2.0	10	19	9
88-85-7	Dinoseb	U	5	2.0	5	9	5
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		82%				
4165-60-0	Nitrobenzene-D5		65%				
321-60-8	2-Fluorobiphenyl		66%				
118-79-6	2,4,6-Tribromophenol		131%				
1718-51-0	Terphenyl-D14		67%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 15:27
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 15:27
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 15:27
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		63%				
13127-88-3	Phenol-D6		81%				
4165-60-0	Nitrobenzene-D5		68%				
321-60-8	2-Fluorobiphenyl		75%				
118-79-6	2,4,6-Tribromophenol		112%				
1718-51-0	Terphenyl-D14		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 17:36
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 17:36
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 17:36
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		J 0%				
13127-88-3	Phenol-D6		J 0%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		79%				
118-79-6	2,4,6-Tribromophenol		J 0%				
1718-51-0	Terphenyl-D14		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:50
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1RE
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:50
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1RE
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:50
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1RE
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		80%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		74%				
118-79-6	2,4,6-Tribromophenol		102%				
1718-51-0	Terphenyl-D14		49%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 12:35
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 12:35
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 12:35
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		87%				
4165-60-0	Nitrobenzene-D5		78%				
321-60-8	2-Fluorobiphenyl		81%				
118-79-6	2,4,6-Tribromophenol		112%				
1718-51-0	Terphenyl-D14		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 18:19
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		140	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		43	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 18:19
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 18:19
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		J 0%				
13127-88-3	Phenol-D6		J 3%				
4165-60-0	Nitrobenzene-D5		66%				
321-60-8	2-Fluorobiphenyl		82%				
118-79-6	2,4,6-Tribromophenol		J 0%				
1718-51-0	Terphenyl-D14		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 15:34
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2RE
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		130	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		40	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 15:34
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2RE
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 15:34
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2RE
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		63%				
13127-88-3	Phenol-D6		70%				
4165-60-0	Nitrobenzene-D5		56%				
321-60-8	2-Fluorobiphenyl		62%				
118-79-6	2,4,6-Tribromophenol		103%				
1718-51-0	Terphenyl-D14		51%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:03
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	210	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		57	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:03
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 19:03
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		77%				
13127-88-3	Phenol-D6		81%				
4165-60-0	Nitrobenzene-D5		61%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		112%				
1718-51-0	Terphenyl-D14		54%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:04
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3DL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	10	2.0	10	19	10
110-86-1	Pyridine	U	5	2.0	50	95	5
62-75-9	N-Nitrosodimethylamine	U	4	2.0	20	38	4
62-53-3	Aniline	U	6	2.0	10	19	6
108-95-2	Phenol	U	11	2.0	10	19	11
111-44-4	Bis(2-Chloroethyl)ether	U	6	2.0	10	19	6
95-57-8	2-Chlorophenol	U	10	2.0	10	19	10
100-51-6	Benzyl alcohol	U	6	2.0	20	38	6
108-60-1	Bis(2-Chloroisopropyl)ether	U	4	2.0	10	19	4
95-48-7	2-Methylphenol	U	10	2.0	10	19	10
67-72-1	Hexachloroethane	U	4	2.0	10	19	4
621-64-7	N-Nitroso-di-n-propylamine	U	5	2.0	10	19	5
106-44-5	3&4-Methylphenol	U	10	2.0	10	19	10
98-95-3	Nitrobenzene	U	5	2.0	10	19	5
78-59-1	Isophorone	U	5	2.0	10	19	5
88-75-5	2-Nitrophenol	U	11	2.0	10	19	11
105-67-9	2,4-Dimethyphenol	U	15	2.0	10	19	15
111-91-1	Bis(2-Chloroethoxy)methane	U	5	2.0	10	19	5
120-83-2	2,4-Dichlorophenol	U	12	2.0	10	19	12
91-20-3	Naphthalene		220	2.0	10	19	5
106-47-8	4-Chloroaniline	U	7	2.0	10	19	7
87-68-3	Hexachlorobutadiene	U	8	2.0	10	19	8
59-50-7	4-Chloro-3-Methylphenol	U	11	2.0	10	19	11
91-57-6	2-Methylnaphthalene		56	2.0	10	19	9
77-47-4	Hexachlorocyclopentadiene	U	4	2.0	10	19	4
88-06-2	2,4,6-Trichlorophenol	U	14	2.0	10	19	14
95-95-4	2,4,5-Trichlorophenol	U	14	2.0	25	48	14
91-58-7	2-Chloronaphthalene	U	6	2.0	10	19	6
88-74-4	2-Nitroaniline	U	6	2.0	25	48	6
208-96-8	Acenaphthylene	U	6	2.0	10	19	6
131-11-3	Dimethyl Phthalate	U	6	2.0	10	19	6
606-20-2	2,6-Dinitrotoluene	U	5	2.0	10	19	5
83-32-9	Acenaphthene	U	5	2.0	10	19	5
99-09-2	3-Nitroaniline	U	6	2.0	25	48	6
51-28-5	2,4-Dinitrophenol	U	10	2.0	25	48	10
132-64-9	Dibenzofuran	U	7	2.0	10	19	7
100-02-7	4-Nitrophenol	U	11	2.0	25	48	11
121-14-2	2,4-Dinitrotoluene	U	7	2.0	10	19	7
86-73-7	Fluorene	U	5	2.0	10	19	5
84-66-2	Diethylphthalate	I	8	2.0	10	19	4
7005-72-3	4-Chlorophenyl-phenylether	U	6	2.0	10	19	6
100-01-6	4-Nitroaniline	U	10	2.0	25	48	10
534-52-1	4,6-Dinitro-2-Methylphenol	U	19	2.0	25	48	19

Report only Naphthalene
03-21-05

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:04
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3DL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	16	2.0	10	19	16
101-55-3	4-Bromophenyl-phenylether	U	9	2.0	10	19	9
118-74-1	Hexachlorobenzene	U	8	2.0	10	19	8
87-86-5	Pentachlorophenol	U	18	2.0	25	48	18
85-01-8	Phenanthrene	U	6	2.0	10	19	6
120-12-7	Anthracene	U	6	2.0	10	19	6
84-74-2	Di-n-butylphthalate	U	4	2.0	10	19	4
206-44-0	Fluoranthene	U	6	2.0	10	19	6
129-00-0	Pyrene	U	8	2.0	10	19	8
85-68-7	Butylbenzylphthalate	U	6	2.0	10	19	6
56-55-3	Benzo(a)anthracene	U	6	2.0	10	19	6
218-01-9	Chrysene	U	6	2.0	10	19	6
91-94-1	3,3'-Dichlorobenzidine	U	7	2.0	10	19	7
117-81-7	bis(2-Ethylhexyl)phthalate	U	15	2.0	10	19	15
117-84-0	Di-n-octylphthalate	U	6	2.0	10	19	6
205-99-2	Benzo(b)fluoranthene	U	4	2.0	10	19	4
207-08-9	Benzo(k)fluoranthene	U	6	2.0	10	19	6
50-32-8	Benzo(a)pyrene	U	5	2.0	10	19	5
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	2.0	10	19	5
53-70-3	Dibenzo(a,h)anthracene	U	5	2.0	10	19	5
191-24-2	Benzo(g,h,i)perylene	U	4	2.0	10	19	4
10595-95-6	N-Nitrosomethylethylamine	U	10	2.0	10	19	10
66-27-3	Methyl Methanesulfonate	U	19	2.0	20	38	19
55-18-5	N-Nitrosodiethylamine	U	19	2.0	20	38	19
62-50-0	Ethyl Methanesulfonate	U	10	2.0	10	19	10
930-55-2	N-Nitrosopyrrolidine	U	10	2.0	10	19	10
59-89-2	N-Nitrosomorpholine	U	10	2.0	10	19	10
95-53-4	o-Toluidine	U	10	2.0	10	19	10
98-86-2	Acetophenone	U	5	2.0	10	19	5
100-75-4	N-Nitrosopiperidine	U	10	2.0	10	19	10
126-68-1	O,O,O-Triethylphosphorothioat	U	19	2.0	20	38	19
87-65-0	2,6-Dichlorophenol	U	10	2.0	10	19	10
1888-71-7	Hexachloropropene	U	10	2.0	10	19	10
122-09-8	A,A-Dimethylphenethylamine	U	10	2.0	10	19	10
924-16-3	N-Nitroso-Di-N-Butylamine	U	10	2.0	10	19	10
120-58-1	Isosafrole	U	19	2.0	20	38	19
106-50-3	p-Phenylenediamine	U	10	2.0	10	19	10
95-94-3	1,2,4,5-Tetrachlorobenzene	U	10	2.0	10	19	10
94-59-7	Safrole	U	10	2.0	10	19	10
130-15-4	1,4-Naphthoquinone	U	10	2.0	10	19	10
99-65-0	1,3-Dinitrobenzene	U	10	2.0	10	19	10
608-93-5	Pentachlorobenzene	U	10	2.0	10	19	10
91-59-8	2-Naphthylamine	U	10	2.0	10	19	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 08-FEB-2005 10:04
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3DL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	10	2.0	10	19	10
58-90-2	2,3,4,6-Tetrachlorophenol	U	10	2.0	10	19	10
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	19	2.0	20	38	19
99-55-8	5-Nitro-O-Toluidine	U	19	2.0	20	38	19
3689-24-5	Sulfotepp	U	10	2.0	10	19	10
99-35-4	1,3,5-Trinitrobenzene	U	10	2.0	10	19	10
2303-16-4	Diallate	U	19	2.0	20	38	19
62-44-2	Phenacetin	U	10	2.0	10	19	10
60-51-5	Dimethoate	U	10	2.0	10	19	10
92-67-1	4-Aminobiphenyl	U	10	2.0	10	19	10
82-68-8	Pentachloronitrobenzene	U	10	2.0	10	19	10
23950-58-5	Pronamide	U	10	2.0	10	19	10
56-57-5	4-Nitroquinoline-1-Oxide	U	19	2.0	20	38	19
91-80-5	Methapyrilene	U	10	2.0	10	19	10
465-73-6	Isodrin	U	19	2.0	20	38	19
140-57-8	Aramite	U	19	2.0	20	38	19
60-11-7	p-Dimethylaminoazobenzene	U	19	2.0	20	38	19
510-15-6	Chlorobenzilate	U	19	2.0	20	38	19
143-50-0	Kepone	U	10	2.0	10	19	10
119-93-7	3,3'-Dimethylbenzidine	U	19	2.0	20	38	19
53-96-3	2-Acetylaminofluorene	U	10	2.0	10	19	10
56-49-5	3-Methylcholanthrene	U	10	2.0	10	19	10
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	10	2.0	10	19	10
70-30-4	Hexachlorophene	U	10	2.0	10	19	10
56-38-2	Parathion	U	10	2.0	10	19	10
88-85-7	Dinoseb	U	5	2.0	5	10	5
367-12-4	2-Fluorophenol		80%				
13127-88-3	Phenol-D6		85%				
4165-60-0	Nitrobenzene-D5		69%				
321-60-8	2-Fluorobiphenyl		64%				
118-79-6	2,4,6-Tribromophenol		121%				
1718-51-0	Terphenyl-D14		56%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 16:17
Report Date: 02/21/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3RE
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	200	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		49	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 16:17
Report Date: 02/21/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3RE
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 16:17
Report Date: 02/21/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3RE
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		78%				
4165-60-0	Nitrobenzene-D5		55%				
321-60-8	2-Fluorobiphenyl		71%				
118-79-6	2,4,6-Tribromophenol		102%				
1718-51-0	Terphenyl-D14		46%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 12:39
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3REDL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	9	2.0	10	19	9
110-86-1	Pyridine	U	5	2.0	50	94	5
62-75-9	N-Nitrosodimethylamine	U	4	2.0	20	38	4
62-53-3	Aniline	U	6	2.0	10	19	6
108-95-2	Phenol	U	11	2.0	10	19	11
111-44-4	Bis(2-Chloroethyl)ether	U	6	2.0	10	19	6
95-57-8	2-Chlorophenol	U	10	2.0	10	19	10
100-51-6	Benzyl alcohol	U	5	2.0	20	38	5
108-60-1	Bis(2-Chloroisopropyl)ether	U	4	2.0	10	19	4
95-48-7	2-Methylphenol	U	10	2.0	10	19	10
67-72-1	Hexachloroethane	U	4	2.0	10	19	4
621-64-7	N-Nitroso-di-n-propylamine	U	5	2.0	10	19	5
106-44-5	3&4-Methylphenol	U	9	2.0	10	19	9
98-95-3	Nitrobenzene	U	5	2.0	10	19	5
78-59-1	Isophorone	U	5	2.0	10	19	5
88-75-5	2-Nitrophenol	U	11	2.0	10	19	11
105-67-9	2,4-Dimethyphenol	U	15	2.0	10	19	15
111-91-1	Bis(2-Chloroethoxy)methane	U	5	2.0	10	19	5
120-83-2	2,4-Dichlorophenol	U	12	2.0	10	19	12
91-20-3	Naphthalene		210	2.0	10	19	5
106-47-8	4-Chloroaniline	U	7	2.0	10	19	7
87-68-3	Hexachlorobutadiene	U	8	2.0	10	19	8
59-50-7	4-Chloro-3-Methylphenol	U	11	2.0	10	19	11
91-57-6	2-Methylnaphthalene		55	2.0	10	19	9
77-47-4	Hexachlorocyclopentadiene	U	4	2.0	10	19	4
88-06-2	2,4,6-Trichlorophenol	U	14	2.0	10	19	14
95-95-4	2,4,5-Trichlorophenol	U	14	2.0	25	47	14
91-58-7	2-Chloronaphthalene	U	6	2.0	10	19	6
88-74-4	2-Nitroaniline	U	6	2.0	25	47	6
208-96-8	Acenaphthylene	U	5	2.0	10	19	5
131-11-3	Dimethyl Phthalate	U	6	2.0	10	19	6
606-20-2	2,6-Dinitrotoluene	U	5	2.0	10	19	5
83-32-9	Acenaphthene	U	5	2.0	10	19	5
99-09-2	3-Nitroaniline	U	6	2.0	25	47	6
51-28-5	2,4-Dinitrophenol	U	10	2.0	25	47	10
132-64-9	Dibenzofuran	U	7	2.0	10	19	7
100-02-7	4-Nitrophenol	U	10	2.0	25	47	10
121-14-2	2,4-Dinitrotoluene	U	7	2.0	10	19	7
86-73-7	Fluorene	U	5	2.0	10	19	5
84-66-2	Diethylphthalate	I	8	2.0	10	19	4
7005-72-3	4-Chlorophenyl-phenylether	U	6	2.0	10	19	6
100-01-6	4-Nitroaniline	U	10	2.0	25	47	10
534-52-1	4,6-Dinitro-2-Methylphenol	U	19	2.0	25	47	19

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 12:39
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3REDL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	16	2.0	10	19	16
101-55-3	4-Bromophenyl-phenylether	U	9	2.0	10	19	9
118-74-1	Hexachlorobenzene	U	8	2.0	10	19	8
87-86-5	Pentachlorophenol	U	18	2.0	25	47	18
85-01-8	Phenanthrene	U	6	2.0	10	19	6
120-12-7	Anthracene	U	6	2.0	10	19	6
84-74-2	Di-n-butylphthalate	U	4	2.0	10	19	4
206-44-0	Fluoranthene	U	6	2.0	10	19	6
129-00-0	Pyrene	U	8	2.0	10	19	8
85-68-7	Butylbenzylphthalate	U	6	2.0	10	19	6
56-55-3	Benzo(a)anthracene	U	6	2.0	10	19	6
218-01-9	Chrysene	U	6	2.0	10	19	6
91-94-1	3,3'-Dichlorobenzidine	U	7	2.0	10	19	7
117-81-7	bis(2-Ethylhexyl)phthalate	U	14	2.0	10	19	14
117-84-0	Di-n-octylphthalate	U	6	2.0	10	19	6
205-99-2	Benzo(b)fluoranthene	U	4	2.0	10	19	4
207-08-9	Benzo(k)fluoranthene	U	6	2.0	10	19	6
50-32-8	Benzo(a)pyrene	U	5	2.0	10	19	5
193-39-5	Indeno(1,2,3-cd)pyrene	U	5	2.0	10	19	5
53-70-3	Dibenzo(a,h)anthracene	U	5	2.0	10	19	5
191-24-2	Benzo(g,h,i)perylene	U	4	2.0	10	19	4
10595-95-6	N-Nitrosomethylethylamine	U	9	2.0	10	19	9
66-27-3	Methyl Methanesulfonate	U	19	2.0	20	38	19
55-18-5	N-Nitrosodiethylamine	U	19	2.0	20	38	19
62-50-0	Ethyl Methanesulfonate	U	9	2.0	10	19	9
930-55-2	N-Nitrosopyrrolidine	U	9	2.0	10	19	9
59-89-2	N-Nitrosomorpholine	U	9	2.0	10	19	9
95-53-4	o-Toluidine	U	9	2.0	10	19	9
98-86-2	Acetophenone	U	5	2.0	10	19	5
100-75-4	N-Nitrosopiperidine	U	9	2.0	10	19	9
126-68-1	O,O,O-Triethylphosphorothioat	U	19	2.0	20	38	19
87-65-0	2,6-Dichlorophenol	U	9	2.0	10	19	9
1888-71-7	Hexachloropropene	U	9	2.0	10	19	9
122-09-8	A,A-Dimethylphenethylamine	U	9	2.0	10	19	9
924-16-3	N-Nitroso-Di-N-Butylamine	U	9	2.0	10	19	9
120-58-1	Isosafrole	U	19	2.0	20	38	19
106-50-3	p-Phenylenediamine	U	9	2.0	10	19	9
95-94-3	1,2,4,5-Tetrachlorobenzene	U	9	2.0	10	19	9
94-59-7	Safrole	U	9	2.0	10	19	9
130-15-4	1,4-Naphthoquinone	U	9	2.0	10	19	9
99-65-0	1,3-Dinitrobenzene	U	9	2.0	10	19	9
608-93-5	Pentachlorobenzene	U	9	2.0	10	19	9
91-59-8	2-Naphthylamine	U	9	2.0	10	19	9

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/09/05
Analysis Date: 18-FEB-2005 12:39
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3REDL
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	9	2.0	10	19	9
58-90-2	2,3,4,6-Tetrachlorophenol	U	9	2.0	10	19	9
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	19	2.0	20	38	19
99-55-8	5-Nitro-O-Toluidine	U	19	2.0	20	38	19
3689-24-5	Sulfotepp	U	9	2.0	10	19	9
99-35-4	1,3,5-Trinitrobenzene	U	9	2.0	10	19	9
2303-16-4	Diallate	U	19	2.0	20	38	19
62-44-2	Phenacetin	U	9	2.0	10	19	9
60-51-5	Dimethoate	U	9	2.0	10	19	9
92-67-1	4-Aminobiphenyl	U	9	2.0	10	19	9
82-68-8	Pentachloronitrobenzene	U	9	2.0	10	19	9
23950-58-5	Pronamide	U	9	2.0	10	19	9
56-57-5	4-Nitroquinoline-1-Oxide	U	19	2.0	20	38	19
91-80-5	Methapyrilene	U	9	2.0	10	19	9
465-73-6	Isodrin	U	19	2.0	20	38	19
140-57-8	Aramite	U	19	2.0	20	38	19
60-11-7	p-Dimethylaminoazobenzene	U	19	2.0	20	38	19
510-15-6	Chlorobenzilate	U	19	2.0	20	38	19
143-50-0	Kepone	U	9	2.0	10	19	9
119-93-7	3,3'-Dimethylbenzidine	U	19	2.0	20	38	19
53-96-3	2-Acetylaminofluorene	U	9	2.0	10	19	9
56-49-5	3-Methylcholanthrene	U	9	2.0	10	19	9
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	9	2.0	10	19	9
70-30-4	Hexachlorophene	U	9	2.0	10	19	9
56-38-2	Parathion	U	9	2.0	10	19	9
88-85-7	Dinoseb	U	5	2.0	5	9	5
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		77%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		63%				
118-79-6	2,4,6-Tribromophenol		122%				
1718-51-0	Terphenyl-D14		50%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 13:18
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		130	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		54	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 13:18
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 13:18
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		38%				
13127-88-3	Phenol-D6		60%				
4165-60-0	Nitrobenzene-D5		50%				
321-60-8	2-Fluorobiphenyl		65%				
118-79-6	2,4,6-Tribromophenol		92%				
1718-51-0	Terphenyl-D14		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:07
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2RE
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		130	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		51	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	I	4	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:07
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2RE
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/09/05
Analysis Date: 15-FEB-2005 14:07
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2RE
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: AZ
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG14190
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		J 0%				
13127-88-3	Phenol-D6		J 3%				
4165-60-0	Nitrobenzene-D5		50%				
321-60-8	2-Fluorobiphenyl		59%				
118-79-6	2,4,6-Tribromophenol		J 0%				
1718-51-0	Terphenyl-D14		55%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:10
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:10
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:10
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		84%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		79%				
118-79-6	2,4,6-Tribromophenol		110%				
1718-51-0	Terphenyl-D14		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:53
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:53
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 16:53
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		69%				
13127-88-3	Phenol-D6		87%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		80%				
118-79-6	2,4,6-Tribromophenol		113%				
1718-51-0	Terphenyl-D14		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-3
Client ID: KWFCGS-MW27-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	7	1.0	10	10	7
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-3
Client ID: KWFCGS-MW27-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	9	1.0	20	20	9
55-18-5	N-Nitrosodiethylamine	U	9	1.0	20	20	9
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	9	1.0	20	20	9
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	9	1.0	20	20	9
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:00
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-3
Client ID: KWFCGS-MW27-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	9	1.0	20	20	9
99-55-8	5-Nitro-O-Toluidine	U	9	1.0	20	20	9
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	9	1.0	20	20	9
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	9	1.0	20	20	9
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	9	1.0	20	20	9
140-57-8	Aramite	U	9	1.0	20	20	9
60-11-7	p-Dimethylaminoazobenzene	U	9	1.0	20	20	9
510-15-6	Chlorobenzilate	U	9	1.0	20	20	9
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	9	1.0	20	20	9
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		67%				
13127-88-3	Phenol-D6		79%				
4165-60-0	Nitrobenzene-D5		71%				
321-60-8	2-Fluorobiphenyl		69%				
118-79-6	2,4,6-Tribromophenol		106%				
1718-51-0	Terphenyl-D14		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:44
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-4
Client ID: KWFCGS-MW28-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:44
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-4
Client ID: KWFCGS-MW28-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 07-FEB-2005 14:44
Report Date: 02/18/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-4
Client ID: KWFCGS-MW28-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3520
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG13945
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		82%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		78%				
118-79-6	2,4,6-Tribromophenol		108%				
1718-51-0	Terphenyl-D14		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 20:31
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.28	1.0	5.0	5.0	0.28
12789-03-6	Chlordane	U	0.059	1.0	1.0	1.0	0.059
877-09-8	Tetrachloro-m-Xylene		51%				
2051-24-3	Decachlorobiphenyl		J 29%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 08:59
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-4
Client ID: KWFCGS-FD01-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		63%				
2051-24-3	Decachlorobiphenyl		J 35%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 17:47
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.27	1.0	5.0	5.0	0.27
12789-03-6	Chlordane	U	0.058	1.0	1.0	1.0	0.058
877-09-8	Tetrachloro-m-Xylene		43%				
2051-24-3	Decachlorobiphenyl		38%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 04:43
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-5
Client ID: KWFCGS-MW05-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		54%				
2051-24-3	Decachlorobiphenyl		J 44%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 23-FEB-2005 11:04
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1SC
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
319-86-8	delta-BHC		0.076	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.28	1.0	5.0	5.0	0.28
12789-03-6	Chlordane	U	0.059	1.0	1.0	1.0	0.059
877-09-8	Tetrachloro-m-Xylene		53%				
2051-24-3	Decachlorobiphenyl		J 34%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 07:33
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-1
Client ID: KWFCGS-MW06-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		59%				
2051-24-3	Decachlorobiphenyl		J 41%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 15:58
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.27	1.0	5.0	5.0	0.27
12789-03-6	Chlordane	U	0.058	1.0	1.0	1.0	0.058
877-09-8	Tetrachloro-m-Xylene		66%				
2051-24-3	Decachlorobiphenyl		52%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 02:49
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-1
Client ID: KWFCGS-MW19-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		61%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 23-FEB-2005 11:31
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2SC
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.28	1.0	5.0	5.0	0.28
12789-03-6	Chlordane	U	0.059	1.0	1.0	1.0	0.059
877-09-8	Tetrachloro-m-Xylene		59%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 08:02
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-2
Client ID: KWFCGS-MW22-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 20:04
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.28	1.0	5.0	5.0	0.28
12789-03-6	Chlordane	U	0.059	1.0	1.0	1.0	0.059
877-09-8	Tetrachloro-m-Xylene		56%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO NO:
Sample Date: 01/28/05
Received Date: 01/29/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 08:30
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0413-3
Client ID: KWFCGS-MW23-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		71%				
2051-24-3	Decachlorobiphenyl		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 23-FEB-2005 10:36
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2SC
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.27	1.0	5.0	5.0	0.27
12789-03-6	Chlordane	U	0.058	1.0	1.0	1.0	0.058
877-09-8	Tetrachloro-m-Xylene		56%				
2051-24-3	Decachlorobiphenyl		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/26/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 10-FEB-2005 16:24
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-2SC
Client ID: KWFCGS-MW24-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.24	1.0	0.50	0.50	0.24
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.094	1.0	0.50	0.50	0.094
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		80%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 18:14
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.026	1.0	0.050	0.050	0.026
319-86-8	delta-BHC	U	0.026	1.0	0.050	0.050	0.026
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.28	1.0	5.0	5.0	0.28
12789-03-6	Chlordane	U	0.059	1.0	1.0	1.0	0.059
877-09-8	Tetrachloro-m-Xylene		52%				
2051-24-3	Decachlorobiphenyl		J 29%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 09-FEB-2005 05:11
Report Date: 02/23/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-6
Client ID: KWFCGS-MW25-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG13943
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.12	1.0	0.50	0.50	0.12
11104-28-2	Aroclor-1221	U	0.25	1.0	0.50	0.50	0.25
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.095	1.0	0.50	0.50	0.095
11097-69-1	Aroclor-1254	U	0.24	1.0	0.50	0.50	0.24
11096-82-5	Aroclor-1260	U	0.057	1.0	0.50	0.50	0.057
877-09-8	Tetrachloro-m-xylene		64%				
2051-24-3	Decachlorobiphenyl		J 35%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 01/27/05
Received Date: 01/28/05
Extraction Date: 02/01/05
Analysis Date: 22-FEB-2005 18:42
Report Date: 02/24/2005
Matrix: WATER
% Solids: NA

Lab ID: WV0389-7
Client ID: KWFCGS-MW26-0105
SDG: CTO351-11
Extracted by: MC
Extraction Method: SW846 3510
Analyst: JLP
Analysis Method: SW846 8081A
Lab Prep Batch: WG13942
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.017	1.0	0.050	0.050	0.017
319-85-7	beta-BHC	U	0.024	1.0	0.050	0.050	0.024
309-00-2	Aldrin	U	0.025	1.0	0.050	0.050	0.025
319-86-8	delta-BHC	U	0.025	1.0	0.050	0.050	0.025
1024-57-3	Heptachlor Epoxide	U	0.014	1.0	0.050	0.050	0.014
959-98-8	Endosulfan I	U	0.023	1.0	0.050	0.050	0.023
72-55-9	4,4'-DDE	U	0.057	1.0	0.10	0.10	0.057
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.010	1.0	0.10	0.10	0.010
72-54-8	4,4'-DDD	U	0.015	1.0	0.10	0.10	0.015
33213-65-9	Endosulfan II	U	0.014	1.0	0.10	0.10	0.014
50-29-3	4,4'-DDT	U	0.042	1.0	0.10	0.10	0.042
7421-36-3	Endrin Aldehyde	U	0.031	1.0	0.10	0.10	0.031
1031-07-8	Endosulfan sulfate	U	0.012	1.0	0.10	0.10	0.012
72-43-5	Methoxychlor	U	0.032	1.0	0.50	0.50	0.032
8001-35-2	Toxaphene	U	0.27	1.0	5.0	5.0	0.27
12789-03-6	Chlordane	U	0.058	1.0	1.0	1.0	0.058
877-09-8	Tetrachloro-m-Xylene		64%				
2051-24-3	Decachlorobiphenyl		J 29%				

Analysis Report 01/22/03 06:50:22 PM page 1

Method: TRACEV8 Sample Name: BKS58838 Operator:
Run Time: 01/22/03 18:42:42
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	5228.926	52.45396	50.98821	515.5962	25.24241	52.56909	5350.639
#1	5229.916	53.34788	51.33351	515.2603	25.30960	52.67303	5362.332
#2	5227.935	51.56004	50.64290	515.9321	25.17523	52.46515	5338.946
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	6000.000	60.00000	60.00000	600.0000	30.00000	60.00000	6000.000
Low	4000.000	40.00000	40.00000	400.0000	20.00000	40.00000	4000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	260.5971	256.5055	254.5040	5219.201	511.1530	5141.018	258.9699
#1	261.2060	257.3733	254.7543	5220.817	512.2527	5154.522	259.3888
#2	259.9881	255.6376	254.2537	5217.584	510.0534	5127.514	258.5509
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	300.0000	300.0000	300.0000	6000.000	600.0000	6000.000	300.0000
Low	200.0000	200.0000	200.0000	4000.000	400.0000	4000.000	200.0000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	255.5968	5550.808	48.41053	51.92269	5306.233	47.76010	258.8865
#1	255.3617	5538.772	48.12124	52.00012	5380.046	47.87354	259.6505
#2	255.8320	5562.843	48.69982	51.84527	5232.420	47.64666	258.1225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	300.0000	6000.000	60.00000	60.00000	6000.000	60.00000	300.0000
Low	200.0000	4000.000	40.00000	40.00000	4000.000	40.00000	200.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	515.8857	533.8244	261.4699	260.2731	L1040.556	510.0787	511.6902
#1	516.9034	534.7981	261.9495	260.6936	L1041.175	509.2608	513.7487
#2	514.8681	532.8507	260.9904	259.8527	L1039.938	510.8967	509.6317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	NOCHECK	NOCHECK
High	600.0000	600.0000	300.0000	300.0000	6000.000		
Low	400.0000	400.0000	200.0000	200.0000	4000.000		

Elem	1/Se	2/Se
Avge	42.19992	51.51582
#1	40.71263	51.82554
#2	43.68721	51.20611
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: S 301014-001-029-1/1 Operator:
Run Time: 01/22/03 18:50:25
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	877.4209	.2551092	1.040361	75.59898	.0076213	.0278271	23787.39
#1	878.0734	.8922068	1.955941	75.64729	.0136505	-.033595	23791.00
#2	876.7684	-.381988	.1247807	75.55067	.0015921	.0892492	23783.78
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	3.498483	.0377676	1.419072	3277.273	1.658352	10306.56	8.508310
#1	3.573893	.3095186	1.434279	3268.073	1.121045	10304.92	8.533316
#2	3.423073	-.233983	1.403865	3286.473	2.195659	10308.21	8.483304
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.462085	2708.835	.1269632	.0116673	15176.32	-2.31071	3.954154
#1	-.100886	2711.950	.2860086	.0717295	15201.92	-3.41341	4.101146
#2	-.823283	2705.719	-.032082	-.048395	15150.73	-1.20800	3.807162
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.965459	26.69014	7.062460	-.452746	10.65763	2.136271	1.419381
#1	2.961443	26.86130	7.265431	-1.20004	10.73497	2.580638	.3912373
#2	2.969475	26.51898	6.859489	.2945451	10.58028	1.691902	2.447525
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.83806	3.109459
#1	-5.51017	3.184079
#2	-6.16596	3.034839
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301014-002-030-1/1 Operator:
Run Time: 01/22/03 18:58:09
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	1379.049	2.327561	-.171531	162.6732	.2117727	.0068935	2765.588
#1	1377.875	2.582657	-.970250	162.6148	.1968487	.0465661	2761.188
#2	1380.223	2.072465	.6271884	162.7316	.2266967	-.032779	2769.988
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	3.850963	.5802848	.2555412	1715.655	1.076050	3557.648	5.792159
#1	3.745915	.2931172	.1968114	1707.481	1.294556	3555.392	5.749093
#2	3.956010	.8674525	.3142710	1723.830	.8575436	3559.903	5.835225
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.735999	2543.785	-.019826	.4789408	9585.137	-2.77337	3.982643
#1	-.674703	2542.329	-.043289	.4286154	9561.015	-3.28567	3.950333
#2	-.797295	2545.241	.0036377	.5292661	9609.260	-2.26108	4.014953
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	3.611939	31.48095	.8452103	-.682691	10.94620	3.456857	-.114364
#1	3.637016	31.30118	.8882936	-1.18260	11.18293	4.146110	-.131231
#2	3.586862	31.66072	.8021271	-.182778	10.70948	2.767603	-.097497
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.39794	2.669215
#1	-5.36814	2.619121
#2	-5.42774	2.719309
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: S 301014-003-031-1/1 Operator:
Run Time: 01/22/03 19:05:52
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	322.7670	.2553197	3.830424	66.50968	.0608898	-.122293	12443.52
#1	320.8760	-.847621	4.419994	66.53439	.0555294	-.152989	12429.83
#2	324.6580	1.358260	3.240854	66.48497	.0662503	-.091598	12457.21
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.166555	.0543554	.0407663	5062.990	1.058044	2855.802	16.49911
#1	1.869668	.0370912	.0420667	5060.650	.9212708	2856.551	16.45594
#2	2.463443	.0716196	.0394659	5065.331	1.194818	2855.053	16.54229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.45587	2296.438	.4262577	.0015287	11402.18	-4.39073	1.529621
#1	-1.47204	2291.065	.1466216	-.048429	11342.20	-1.66949	1.328416
#2	-1.43969	2301.810	.7058939	.0514867	11462.16	-7.11198	1.730825
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.083708	32.50569	.2528437	-.544276	2.844471	3.736916	-.281402
#1	2.040630	32.42542	.3410090	-.902491	2.725652	4.017481	-.626845
#2	2.126786	32.58596	.1646784	-.186060	2.963290	3.456351	.0640406
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-3.53894	2.408839
#1	-2.77971	1.609774
#2	-4.29816	3.207904
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301014-004-032-1/1 Operator:
Run Time: 01/22/03 19:13:35
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	214.0293	.1339724	.3374508	90.06267	-.022403	-.229269	11674.63
#1	213.4489	-.155787	.1904686	89.99161	-.028204	-.086008	11687.02
#2	214.6097	.4237319	.4844330	90.13373	-.016602	-.372530	11662.24
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.935933	-.109120	3.008285	3695.590	1.338791	2763.124	6.846150
#1	2.036438	-.048544	3.128491	3700.823	1.372702	2764.351	6.941112
#2	1.835428	-.169696	2.888080	3690.357	1.304880	2761.898	6.751188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.72534	2406.637	.6535034	.1711943	10107.38	-3.52472	1.816895
#1	-1.76456	2403.692	.3866488	.2311287	10150.19	-2.46111	2.144415
#2	-1.68613	2409.582	.9203579	.1112599	10064.57	-4.58833	1.489376
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.120936	31.54630	.3408555	-.070260	1.894139	2.604728	.7058116
#1	2.145168	31.93570	.0766927	.2884689	1.861498	1.618430	1.249826
#2	2.096705	31.15690	.6050184	-.428988	1.926780	3.591026	.1617968
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-3.55163	2.756056
#1	-3.88147	2.520693
#2	-3.22179	2.991418
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301014-005-033-1/1 Operator:
Run Time: 01/22/03 19:21:17
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	308.9122	-.384498	1.162880	60.19852	.4839320	.1050945	10297.88
#1	305.4109	-.893306	2.300040	60.07559	.4796214	-.009286	10236.61
#2	312.4135	.1243098	.0257197	60.32146	.4882427	.2194752	10359.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.137309	-.106071	2.731519	3217.188	1.251749	2857.761	8.991241
#1	1.970035	-.407749	2.650466	3203.013	1.684622	2847.801	8.888130
#2	2.304582	.1956077	2.812572	3231.363	.8188760	2867.721	9.094353
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.46033	2816.327	.3842737	.1218947	14614.46	-4.66760	1.757589
#1	-1.45902	2809.049	.2136942	-.067478	14574.87	-4.22942	1.547985
#2	-1.46165	2823.604	.5548532	.3112675	14654.06	-5.10579	1.967193
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.349842	42.32905	.4844933	.6287582	3.023677	3.463792	.1457169
#1	2.405193	42.32853	.3193028	1.363964	2.901619	3.495971	.7789367
#2	2.294490	42.32956	.6496836	-.106448	3.145734	3.431613	-.487503
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.44446	2.798627
#1	-5.52050	3.080774
#2	-3.36843	2.516479
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301019-001-038-1/1 Operator:
Run Time: 01/22/03 19:29:00
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	233.8126	.7313604	7.201558	36.86969	-.058263	-.057319	18767.61
#1	233.4203	.8220785	7.566991	36.78547	-.062859	-.051142	18687.33
#2	234.2049	.6406423	6.836126	36.95391	-.053667	-.063495	18847.89
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.172595	-.344653	3.684940	487.7540	.2176956	1429.788	4.886964
#1	2.249928	-.387855	3.644042	486.0064	.6151826	1425.665	4.893626
#2	2.095262	-.301450	3.725838	489.5016	-.179791	1433.912	4.880302
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-2.09876	2872.659	1.355508	-.209421	17316.83	-5.58423	3.343119
#1	-1.97894	2865.110	2.111994	-.108874	17228.00	-5.62845	3.414780
#2	-2.21858	2880.208	.5990223	-.309968	17405.66	-5.54002	3.271457
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	5.063874	67.39076	1.625018	-.097747	2.622627	2.262932	-.804934
#1	5.030417	67.34481	1.380389	.5345395	2.688633	1.976249	-.065362
#2	5.097331	67.43671	1.869647	-.730034	2.556621	2.549616	-1.54451
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-6.24982	5.158155
#1	-5.39545	5.865696
#2	-7.10420	4.450614
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301019-002-039-1/1 Operator:
Run Time: 01/22/03 19:36:43
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	38.00576	1.141860	2.417342	46.51854	-.082481	.0104591	64595.74
#1	41.82721	1.577874	2.491034	46.46274	-.087331	-.116009	64419.73
#2	34.18431	.7058463	2.343651	46.57433	-.077631	.1369276	64771.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.317683	-.272811	-.346301	2117.935	.7125236	4526.303	19.86479
#1	1.376500	-.316329	-.171714	2110.120	.7971917	4516.953	19.76195
#2	1.258865	-.229293	-.520889	2125.749	.6278554	4535.653	19.96763
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.29285	5220.591	.4426923	-.069261	22832.23	-3.38980	1.279218
#1	-1.74828	5217.257	.5067096	-.290656	22813.42	-4.02278	1.150936
#2	-.837426	5223.924	.3786749	.1521335	22851.05	-2.75682	1.407500
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.101672	54.57499	.9184689	-.486789	.5793911	2.831490	-.346970
#1	2.077957	54.51917	.8292848	-1.03614	.5790483	3.558804	-.583624
#2	2.125387	54.63081	1.007653	.0625646	.5797339	2.104176	-.110316
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.40097	3.364507
#1	-5.97553	3.747811
#2	-4.82642	2.981204
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301019-003-040-1/1 Operator:
Run Time: 01/22/03 19:44:27
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	714.6549	-1.47828	.5803347	9.125657	-.074524	-.269909	69987.66
#1	713.1536	-1.90975	.3935729	9.217379	-.069223	-.382553	70015.31
#2	716.1561	-1.04681	.7670964	9.033936	-.079825	-.157265	69960.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.143064	-.949340	-.488858	1380.138	.8310445	8582.568	140.1171
#1	2.143243	-1.01081	-.488400	1382.843	.3368738	8587.399	140.1007
#2	2.142884	-.887868	-.489315	1377.432	1.325215	8577.737	140.1335
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.902586	3839.097	.1567129	.0115698	11255.21	-4.49384	1.509686
#1	-.854702	3835.875	1.291083	.0519611	11324.16	-5.06227	1.560880
#2	-.950469	3842.320	-.977658	-.028821	11186.26	-3.92540	1.458493
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.587903	95.78165	.1067492	-.033967	17.52389	.9885731	.7522677
#1	2.593320	95.78614	.1178815	-.367213	17.33825	.3335266	.3385348
#2	2.582486	95.77715	.0956169	.2992795	17.70954	1.643620	1.166001
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-6.66679	3.568449
#1	-5.68970	4.781456
#2	-7.64389	2.355441
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: CVCCV3 Operator: --
Run Time: 01/22/03 19:52:10
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	50128.15	1010.403	995.8001	499.8148	49.51537	488.5128	96969.80
#1	50161.76	1009.631	997.1182	499.9771	49.45566	488.3279	96898.39
#2	50094.54	1011.176	994.4820	499.6524	49.57509	488.6976	97041.20
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	50000.00	1000.000	1000.000	500.0000	50.00000	500.0000	100000.0
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	489.8964	486.9422	499.2855	48811.22	493.3946	97034.62	487.2272
#1	489.9333	486.8603	499.4861	48786.40	492.9916	96994.69	486.8672
#2	489.8596	487.0240	499.0848	48836.04	493.7977	97074.55	487.5872
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	500.0000	500.0000	50000.00	500.0000	100000.0	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	486.0119	25394.97	994.1851	501.7253	96597.11	995.8403	490.8929
#1	486.6793	25415.59	994.8668	501.9692	96601.48	999.3524	490.6610
#2	485.3445	25374.35	993.5033	501.4814	96592.74	992.3283	491.1249
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	25000.00	1000.000	500.0000	100000.0	1000.000	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	505.9730	504.6293	491.6979	492.0839	493.0342	487.7966	496.1937
#1	505.7109	504.9067	491.2672	491.9719	493.2249	489.0336	494.9706
#2	506.2350	504.3520	492.1286	492.1958	492.8435	486.5596	497.4167
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	500.0000	500.0000	500.0000	500.0000	500.0000		
Range	10.00000	10.00000	10.00000	10.00000	10.00000		

Elem	1/Se	2/Se
Avge	993.9043	994.3254
#1	994.5413	995.0296
#2	993.2674	993.6213
Errors	NOCHECK	NOCHECK
Value		
Range		

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Method: TRACEV8 Sample Name: BCCCB3 Operator:
Run Time: 01/22/03 19:59:53
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	28.64557	-.020102	-.422026	.3699158	-.070756	.3107209	24.46258
#1	38.91941	.5383826	-.264963	.4376417	-.039132	.3179082	44.54625
#2	18.37173	-.578586	-.579089	.3021900	-.102380	.3035337	4.378907
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	200.0000	20.00000	10.00000	15.00000	15.00000	3.000000	1000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.1920212	.5110073	-1.00018	32.46650	.4685392	56.52771	.3345181
#1	.2119115	.5980852	-.958363	36.04755	.3876723	73.11288	.3796887
#2	.1721308	.4239294	-1.04199	28.88545	.5494060	39.94253	.2893474
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	5.000000	5.000000	10.00000	100.0000	3.000000	250.0000	5.000000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	.4960723	20.25312	.0862731	.5706899	122.2228	-.457314	.5286117
#1	.0583832	25.95527	-.651808	.6306352	164.8844	-.299558	.7051315
#2	.9337614	14.55097	.8243541	.5107446	79.56110	-.615070	.3520920
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	10.00000	250.0000	5.000000	3.000000	2500.000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	.2185194	.4221089	.8919506	-.196427	.3875665	.5196664	.4429649
#1	.3058612	.5826773	1.002160	-.755389	.5293829	1.072143	.0454283
#2	.1311776	.2615406	.7817418	.3625357	.2457500	-.032810	.8405014
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000000	.0000000	.0000000	.0000000	.0000000		
Range	20.00000	15.00000	5.000000	20.00000	20.00000		

Elem	1/Se	2/Se
Avge	-.405666	.3322298
#1	-1.46087	-.247288
#2	.6495417	.9117477
Errors	NOCHECK	NOCHECK
Value		
Range		

Method: TRACEV8 Sample Name: S 301019-004-041-1/1 Operator: --
Run Time: 01/22/03 20:07:37
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	35.87248	.0429078	.3673880	52.75212	-.062167	-.081560	28333.47
#1	30.78214	-.870298	-.248665	51.56972	-.052443	-.001964	27680.79
#2	40.96283	.9561137	.9834414	53.93452	-.071890	-.161157	28986.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.678007	-.163102	-.484511	6080.937	.8849525	4198.898	45.53589
#1	1.582223	-.234578	-.573365	5927.666	1.199680	4104.842	44.49760
#2	1.773791	-.091625	-.395657	6234.208	.5702255	4292.953	46.57417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.883013	2185.276	.4526915	.1906706	10687.09	-3.38583	.5038922
#1	-.935333	2147.687	.0479434	.0899302	10490.29	-4.41832	.5081226
#2	-.830694	2222.865	.8574396	.2914110	10883.89	-2.35334	.4996619
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	3.121758	48.30643	.2057045	-.019282	.5927054	1.868072	.3933815
#1	3.056781	47.08243	-.061985	-.099236	.5814756	1.460520	1.069248
#2	3.186734	49.53043	.4733940	.0606725	.6039351	2.275624	-.282485
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.58205	2.970048
#1	-6.22735	3.185573
#2	-2.93676	2.754524
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301019-005-042-1/1 Operator: --
Run Time: 01/22/03 20:15:20
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	52.45259	-.278957	.5845858	54.54499	-.069628	-.310227	29254.57
#1	54.76248	-.385193	-.315989	54.65944	-.064695	-.347675	29277.45
#2	50.14270	-.172722	1.485161	54.43054	-.074560	-.272779	29231.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.563174	-.199433	-.689058	6291.005	.4357535	4374.032	47.06702
#1	1.504269	-.217625	-.740067	6294.395	-.613827	4378.416	47.08746
#2	1.622079	-.181240	-.638048	6287.616	1.485334	4369.648	47.04659
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.495176	2233.023	-1.00291	-.309978	10899.16	-2.72660	.2264765
#1	-.490771	2236.686	-1.29509	-.390430	10902.64	-1.52946	.2008849
#2	-.499581	2229.360	-.710730	-.229526	10895.68	-3.92374	.2520682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	3.537492	42.73874	.2965285	.3966434	.5863226	-.204804	.7560191
#1	3.501165	42.76525	.1192979	.3252802	.7376574	-1.63899	-.101257
#2	3.573819	42.71222	.4737591	.4680067	.4349878	1.229387	1.613295
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.97365	.9824420
#1	-6.51280	1.313745
#2	-3.43450	.6511395
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301019-006-043-1/1 Operator: --
Run Time: 01/22/03 20:23:04
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	13.35171	1.015037	-.423244	.1952779	-.108710	.0282571	21.59950
#1	13.01861	.3739296	.2392597	.1789508	-.126671	.0464658	24.99148
#2	13.68481	1.656144	-1.08575	.2116050	-.090749	.0100484	18.20751
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.301858	-.354763	-.919835	10.05148	.5509522	8.652254	.1086736
#1	1.166919	-.365670	-1.00514	5.515170	.5174635	7.087795	.0639503
#2	1.436796	-.343856	-.834529	14.58779	.5844408	10.21671	.1533968
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-2.21286	34.48085	.2132080	.1406008	321.5709	-6.45658	.2768572
#1	-2.09563	33.82462	.5602735	-.169107	317.7661	-6.72998	.2018005
#2	-2.33009	35.13708	-.133858	.4503082	325.3757	-6.18318	.3519140
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.062339	9.708957	.5388370	.9515073	.2514701	2.060655	-.203911
#1	2.066975	9.650706	.2524682	.3690080	.1498973	1.580900	-.014266
#2	2.057704	9.767207	.8252057	1.534007	.3530428	2.540410	-.393555
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-6.18125	3.410421
#1	-6.48838	4.084584
#2	-5.87412	2.736258
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: S 301019-007-044-1/1 Operator:
Run Time: 01/22/03 20:30:48
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	11.65915	.4810765	.6061027	.1370897	-.090565	.0680084	3.930094
#1	11.16267	1.101311	.7507036	.1416942	-.101841	-.005493	4.262466
#2	12.15563	-.139158	.4615018	.1324851	-.079290	.1415092	3.597723
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.9944521	-.198659	-.982740	18.66604	1.046363	8.288612	.2074312
#1	.8305365	-.246317	-1.03648	18.87991	.4067242	7.942869	.1943915
#2	1.158368	-.151001	-.929003	18.45217	1.686002	8.634357	.2204708
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.32766	41.86794	-1.01582	.2784768	272.3076	-3.34431	.3200214
#1	-1.08716	41.55879	-.492232	.4258663	314.5694	-3.56477	.4405046
#2	-1.56817	42.17709	-1.53941	.1310873	230.0457	-3.12386	.1995381
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	1.706140	11.19953	.4507463	-.331302	.2861398	2.345595	.3967358
#1	1.709433	11.25693	.4065485	-.620855	.2592582	1.671771	-.225811
#2	1.702848	11.14213	.4949441	-.041749	.3130214	3.019419	1.019282
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.66918	.8108406
#1	-3.94730	1.235288
#2	-5.39106	.3863937
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-001-073-1/3 Operator: --
Run Time: 01/22/03 20:38:31
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	66.50215	-.586527	2.405161	73.35394	-.100582	.0927896	27580.71
#1	65.50667	-.915574	3.768996	73.42650	-.095581	.1336444	27575.12
#2	67.49763	-.257479	1.041326	73.28139	-.105582	.0519348	27586.29
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.914678	-.671335	3.254148	93.11710	1.209491	5511.873	55.40987
#1	1.915520	-.768360	3.273275	94.47047	.8510458	5511.367	55.40800
#2	1.913836	-.574310	3.235022	91.76374	1.567936	5512.379	55.41175
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.51016	2879.916	.6894335	.1116742	23508.00	-5.67434	1.876304
#1	-1.73900	2875.920	.7866954	.3122738	23467.31	-4.56675	1.877933
#2	-1.28132	2883.913	.5921715	-.088925	23548.69	-6.78194	1.874675
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	47.21854	228.3374	.8942898	-1.27218	1.152520	2.896071	.3661900
#1	47.24753	228.4762	1.137927	-1.30099	1.181430	4.063858	-.755370
#2	47.18955	228.1987	.6506521	-1.24338	1.123611	1.728284	1.487750
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-6.33746	4.202864
#1	-6.73410	4.547076
#2	-5.94082	3.858652
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: D 301027-001-073-1/3 Operator:
Run Time: 01/22/03 20:46:15
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	59.67289	.7118080	3.168528	72.40184	-.112183	-.029634	27312.69
#1	61.49768	.4859918	4.264426	72.26989	-.112429	.0514455	27315.69
#2	57.84810	.9376241	2.072630	72.53379	-.111937	-.110714	27309.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.685934	-.534187	3.568154	90.98408	.9179566	5451.112	54.80249
#1	1.271093	-.586919	3.503284	94.59736	.6990855	5452.470	54.76166
#2	2.100774	-.481456	3.633024	87.37080	1.136828	5449.755	54.84332
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.06769	2901.025	.2010633	.1612210	23356.04	-3.31022	2.215178
#1	-.783930	2891.626	-.250436	.2909661	23357.39	-2.34732	2.265139
#2	-1.35145	2910.425	.6525622	.0314760	23354.69	-4.27313	2.165217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	46.42300	230.1411	.6051976	-.814087	1.115483	2.351683	.2010818
#1	46.47995	230.3510	.3630561	-.899897	1.090294	3.019682	-.461224
#2	46.36606	229.9312	.8473391	-.728277	1.140673	1.683685	.8633873
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.85303	2.728093
#1	-4.37633	1.812498
#2	-5.32973	3.643689
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: SP301027-001-073-1/3 Operator:
Run Time: 01/22/03 20:53:58
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	5277.420	53.31949	55.21851	596.3514	25.64769	52.26357	32784.86
#1	5273.444	53.71568	55.22209	596.2457	25.70249	52.36547	32819.82
#2	5281.395	52.92330	55.21492	596.4570	25.59289	52.16167	32749.91
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	261.0456	257.5959	260.2536	5319.243	512.9013	10509.09	314.6948
#1	261.4692	257.9736	260.4836	5332.310	514.0469	10524.18	315.2189
#2	260.6221	257.2181	260.0236	5306.175	511.7555	10494.01	314.1707
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	256.3276	8334.323	45.44107	52.27857	28456.25	48.44992	261.4178
#1	257.2962	8285.282	44.68854	52.51244	28334.79	51.54386	261.8042
#2	255.3589	8383.364	46.19359	52.04470	28577.71	45.35599	261.0314
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	571.0952	744.1324	262.7006	260.9102	1049.316	510.5830	514.0604
#1	572.0721	745.3533	262.3975	260.9701	1050.223	511.8752	515.1328
#2	570.1183	742.9116	263.0036	260.8502	1048.409	509.2908	512.9879
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	39.09564	48.61377
#1	36.81625	48.62468
#2	41.37503	48.60286
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: PS301027-001-073-1/3 Operator: --
Run Time: 01/22/03 21:01:41
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	1106.325	83.22818	85.44009	94.13188	10.17866	21.16108	32546.38
#1	1107.807	82.60970	84.91363	94.17554	10.18132	21.05427	32552.82
#2	1104.844	83.84666	85.96654	94.08822	10.17599	21.26790	32539.93
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	23.23154	30.77247	34.59459	2174.199	84.31805	10469.19	137.9885
#1	23.25827	30.76323	34.70502	2178.768	84.41688	10473.88	138.0162
#2	23.20481	30.78171	34.48416	2169.631	84.21922	10464.49	137.9608
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	40.65810	8447.627	68.34027	41.20827	28386.32	99.01867	23.04096
#1	40.50927	8446.667	69.06898	41.15932	28345.66	98.90384	23.07331
#2	40.80694	8448.586	67.61156	41.25721	28426.99	99.13350	23.00862
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	132.4931	299.1797	31.98778	104.2303	22.68694	83.71261	84.62076
#1	132.6634	299.8049	32.01897	104.0717	22.73633	83.96134	84.64464
#2	132.3228	298.5545	31.95660	104.3889	22.63755	83.46388	84.59688
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	61.22110	71.89984
#1	61.28197	72.96246
#2	61.16022	70.83722
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: SE301027-001-073-1/3 Operator:
Run Time: 01/22/03 21:09:24
Comment: UG/L 5
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	16.22478	-.556492	-.091900	14.49029	-.126259	.0406246	5504.044
#1	16.56507	-.596655	.3995397	14.46906	-.135570	-.103647	5497.212
#2	15.88449	-.516329	-.583340	14.51153	-.116948	.1848960	5510.876
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.2110451	.0103053	-.594716	18.79427	.2306408	1131.609	10.85217
#1	.1705834	-.006527	-.499149	17.45738	.5954205	1131.141	10.87008
#2	.2515069	.0271379	-.690283	20.13115	-.134139	1132.077	10.83425
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.147186	519.2198	-.718106	-.148818	4740.889	-2.57695	.3269786
#1	-.271633	518.3431	-1.06928	-.248704	4760.019	-2.05595	.3016564
#2	-.022739	520.0966	-.366936	-.048932	4721.760	-3.09796	.3523008
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	10.11050	46.92917	.1745776	-.551118	.2891213	.5931824	.0493475
#1	10.15378	46.66024	.5617323	-1.21355	.3655092	1.303442	.2413772
#2	10.06722	47.19810	-.212577	.1113175	.2127335	-.117077	-.142682
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-3.46337	.6545115
#1	-3.33358	.0628581
#2	-3.59317	1.246165
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-002-076-1/1 Operator:
Run Time: 01/22/03 21:17:08
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	55.09222	-.161370	3.543060	119.4467	-.118401	.0322390	38941.67
#1	55.04871	.2007638	3.274279	119.4562	-.102967	.2221460	39031.19
#2	55.13574	-.523504	3.811841	119.4371	-.133834	-.157668	38852.16
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.822712	-.081893	2.817600	154.6151	2.942879	7013.639	13.84925
#1	1.864472	.1475055	2.925064	162.9597	2.659935	7028.818	13.88216
#2	1.780950	-.311292	2.710137	146.2706	3.225824	6998.460	13.81634
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.564435	4253.860	1.023876	.5574388	36436.60	-3.58987	2.155098
#1	-.389680	4245.882	1.579415	.9219464	36388.35	-2.90177	2.208373
#2	-.739190	4261.838	.4683373	.1929311	36484.85	-4.27797	2.101823
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	32.46032	196.9115	1.121998	1.674706	.9011178	3.947970	2.440322
#1	32.46100	197.0890	1.122530	2.387948	.9678232	5.285643	1.347071
#2	32.45964	196.7339	1.121465	.9614627	.8344125	2.610298	3.533574
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.17033	3.620960
#1	-3.25687	3.997539
#2	-5.08379	3.244382
Errors	NOCHECK	NOCHECK
High		
Low		

Analysis Report QC Standard 01/22/03 09:32:31 PM page 1

Method: TRACEV8 Sample Name: CVCCV3 Operator: --
Run Time: 01/22/03 21:24:51
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	50353.31	1015.038	999.9974	504.5496	49.93135	492.3229	97117.79
#1	50333.37	1013.760	999.6519	504.2351	49.82532	491.9735	96889.24
#2	50373.24	1016.317	1000.343	504.8640	50.03738	492.6724	97346.34
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	50000.00	1000.000	1000.000	500.0000	50.00000	500.0000	100000.0
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	491.2007	489.1443	500.7573	49076.68	495.7028	97225.04	488.1763
#1	490.3534	487.6834	500.5212	48972.48	494.8944	97096.16	487.3093
#2	492.0479	490.6051	500.9934	49180.88	496.5111	97353.91	489.0432
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	500.0000	500.0000	50000.00	500.0000	100000.0	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	489.9484	25575.20	1000.269	503.3965	97231.95	999.6554	492.4908
#1	489.1642	25552.05	1001.938	502.6525	97125.12	997.5118	491.5412
#2	490.7326	25598.35	998.5986	504.1406	97338.79	1001.799	493.4405
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	25000.00	1000.000	500.0000	100000.0	1000.000	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	509.6859	511.7443	493.4730	495.0293	495.7830	490.5069	498.3007
#1	509.2198	511.7277	493.0926	493.9528	494.9255	491.9759	496.3537
#2	510.1519	511.7610	493.8534	496.1058	496.6406	489.0378	500.2477
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	500.0000	500.0000	500.0000	500.0000	500.0000		
Range	10.00000	10.00000	10.00000	10.00000	10.00000		

Elem	1/Se	2/Se
Avge	1001.488	999.6587
#1	1001.997	1001.909
#2	1000.980	997.4081
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/22/03 09:40:15 PM page 1

Method: TRACEV8 Sample Name: BCCCB3 Operator:
Run Time: 01/22/03 21:32:34
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	28.90040	.5248467	-.830101	.3372759	-.099681	.3053033	12.30284
#1	35.75963	.0194276	-.896632	.3939256	-.115728	.4441762	22.31532
#2	22.04117	1.030266	-.763570	.2806261	-.083633	.1664304	2.290361
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	200.0000	20.00000	10.00000	15.00000	15.00000	3.000000	1000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.5109574	.5195792	-1.34306	22.76590	.8454671	52.89718	.2904943
#1	.2928644	.6334869	-1.23048	33.55385	.5032030	65.74014	.3586709
#2	.7290503	.4056714	-1.45563	11.97796	1.187731	40.05421	.2223176
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	5.000000	5.000000	10.00000	100.0000	3.000000	250.0000	5.000000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.078427	16.03302	.5084251	.3118632	102.0709	-2.39199	.4809710
#1	-.115777	15.95086	1.168185	.4120852	104.6124	-1.05392	.3049663
#2	-.041076	16.11517	-.151335	.2116412	99.52941	-3.73005	.6569757
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	10.00000	250.0000	5.000000	3.000000	2500.000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	.1930145	.3408962	.9488301	.7701837	.3660076	.9378490	.7992637
#1	.1919818	.5100706	.9157893	.4542168	.3660812	.5468240	.4813800
#2	.1940472	.1717219	.9818708	1.086151	.3659340	1.328874	1.117147
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000000	.0000000	.0000000	.0000000	.0000000		
Range	20.00000	15.00000	5.000000	20.00000	20.00000		

Elem	1/Se	2/Se
Avge	-.065372	.7953107
#1	-.887501	2.196014
#2	.7567569	-.605393
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report 01/22/03 09:47:58 PM page 1

Method: TRACEV8 Sample Name: S 301027-003-077-1/1 Operator:
Run Time: 01/22/03 21:40:18
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	118.7486	.8279014	7.797345	55.87642	-.115204	.1506453	24291.23
#1	120.6898	.3225508	8.419230	55.92046	-.111624	.2063468	24243.15
#2	116.8074	1.333252	7.175461	55.83237	-.118784	.0949437	24339.31
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.638824	-.350113	11.44968	224.8269	1.633364	3709.709	15.65690
#1	2.624722	-.491360	11.39818	217.8209	1.104998	3715.844	15.60962
#2	2.652926	-.208866	11.50118	231.8329	2.161730	3703.575	15.70417
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	.6520394	2391.533	-.131278	.3792894	22964.72	-4.15630	2.845120
#1	.6081774	2388.559	-.481830	.0913284	22928.08	-4.54092	2.926627
#2	.6959015	2394.507	.2192742	.6672505	23001.35	-3.77169	2.763612
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	59.32400	39.29824	.8245232	-.417786	1.525270	4.000756	.4496574
#1	59.35928	39.60617	.9572155	-.701586	1.542450	3.824851	-.254939
#2	59.28872	38.99031	.6918309	-.133985	1.508090	4.176662	1.154254
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.42727	2.016705
#1	-3.45226	1.003370
#2	-5.40229	3.030039
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-004-078-1/1 Operator:
Run Time: 01/22/03 21:48:01
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	57.66752	.6307691	1.471917	55.68896	-.119343	-.079430	44467.36
#1	59.87347	.4144164	1.458963	55.77740	-.107158	-.070218	44634.43
#2	55.46156	.8471220	1.484870	55.60051	-.131528	-.088643	44300.29
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.921988	-.341978	.7319114	2106.649	3.019888	5265.324	185.7051
#1	3.094453	-.083811	.7825412	2115.416	3.357809	5277.901	186.2495
#2	2.749522	-.600146	.6812817	2097.883	2.681966	5252.748	185.1608
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.947484	4643.166	-.409316	.3325224	19037.10	-3.84917	3.382650
#1	-1.02172	4650.480	-.235068	.5737723	19106.59	-5.16892	3.525538
#2	-.873243	4635.852	-.583563	.0912725	18967.60	-2.52943	3.239761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	39.42210	49.74750	-.000395	-.478088	1.621195	4.008269	2.525685
#1	39.42984	49.77420	.1635608	-.374101	1.707750	4.582831	2.745287
#2	39.41437	49.72080	-.164350	-.582074	1.534641	3.433707	2.306084
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.63884	1.705433
#1	-3.56928	1.432021
#2	-5.70841	1.978845
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-005-079-1/1 Operator:
Run Time: 01/22/03 21:55:44
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	65.70651	-.635655	.3509978	49.36914	-.137810	.2898644	21178.07
#1	65.88286	-.119371	1.060399	49.28152	-.132350	.3083324	21183.64
#2	65.53016	-1.15194	-.358403	49.45676	-.143271	.2713964	21172.49
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	4.176406	-.525757	.2600414	398.1328	2.691164	5931.196	55.06052
#1	4.215890	-.437260	.3418910	405.3075	2.861060	5930.841	55.07478
#2	4.136921	-.614253	.1781917	390.9581	2.521268	5931.551	55.04626
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.38541	3522.398	-.043480	.2532386	16450.45	-2.83562	1.022479
#1	-1.11854	3510.956	.3152133	.3541179	16445.14	-1.78762	1.098435
#2	-1.65229	3533.841	-.402173	.1523592	16455.76	-3.88362	.9465226
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	49.04580	50.44007	.4187578	.6503480	1.222764	3.771890	2.150789
#1	49.03132	50.30876	.2294644	.7223834	1.176719	3.347272	2.617942
#2	49.06027	50.57139	.6080511	.5783126	1.268810	4.196507	1.683637
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.94189	2.905710
#1	-6.50675	3.726177
#2	-5.37704	2.085244
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-006-080-1/1 Operator:
Run Time: 01/22/03 22:03:28
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	82.80791	.1155551	3.815867	47.70996	-.130302	.0095066	22986.39
#1	81.05744	.1559042	3.508611	47.69524	-.134927	-.042891	22974.88
#2	84.55837	.0752059	4.123123	47.72468	-.125678	.0619047	22997.90
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	8.945341	-.074485	.9878919	1433.066	3.109737	5673.966	42.72087
#1	9.037294	.1449270	1.006191	1430.619	3.395528	5672.538	42.72114
#2	8.853388	-.293897	.9695928	1435.513	2.823945	5675.394	42.72061
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.404444	3412.752	.0404714	.2014424	20117.79	-3.68300	2.215712
#1	.2574167	3417.336	1.100611	.2913672	20162.92	-2.60435	2.062299
#2	-1.06630	3408.169	-1.01967	.1115176	20072.66	-4.76164	2.369126
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	48.17022	69.85713	.2748307	.0042092	1.587305	3.440600	2.944293
#1	48.05445	69.90140	.1645102	-.714654	1.563332	4.466655	2.859954
#2	48.28599	69.81286	.3851513	.7230724	1.611279	2.414546	3.028632
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.47883	2.300106
#1	-2.49834	2.900073
#2	-6.45931	1.700138
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301027-007-081-1/1 Operator:
Run Time: 01/22/03 22:11:12
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	79.33676	-.438894	3.883492	73.94422	-.128060	-.024210	28141.35
#1	78.97124	-1.32351	4.681649	73.96757	-.138873	-.207771	28141.91
#2	79.70229	.4457228	3.085335	73.92088	-.117248	.1593516	28140.79
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.956760	-.321311	3.506450	102.4018	.7024102	5676.667	57.73898
#1	1.797953	-.418113	3.454432	99.81345	.6884615	5678.275	57.79795
#2	2.115567	-.224510	3.558467	104.9902	.7163590	5675.059	57.68002
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	.0820134	3067.990	-.294275	-.028905	24406.17	-1.80175	2.131905
#1	-.162206	3061.854	-.751250	-.069086	24425.62	-2.91544	2.232812
#2	.3262329	3074.126	.1627009	.0112769	24386.72	-.688064	2.030997
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	48.70744	248.2547	.7507641	-.393440	1.208027	1.698488	.2043595
#1	48.68677	248.1066	.6068381	-.782220	1.194059	1.602021	.2316700
#2	48.72812	248.4027	.8946902	-.004660	1.221994	1.794956	.1770491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-3.98343	1.550290
#1	-5.38011	1.563163
#2	-2.58676	1.537416
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301042-006-037-1/1 Operator:
Run Time: 01/22/03 22:18:56
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	19.10976	.4848434	-.765688	.6877587	-.109707	.0764729	20.03130
#1	19.67141	.4447472	-1.01758	.7115229	-.105727	.1174249	23.18068
#2	18.54811	.5249396	-.513795	.6639945	-.113688	.0355210	16.88192
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.780817	-.278078	-.713145	25.42855	.6933458	16.36707	.3805962
#1	1.764133	-.366988	-.614283	25.80767	.5200626	16.85751	.4265678
#2	1.797502	-.189167	-.812007	25.04943	.8666289	15.87661	.3346247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.25040	27.00671	-.671370	.3719619	296.1731	-1.53943	.5313829
#1	-1.04862	26.87763	.3878744	.5126029	294.6117	-.879098	.4069128
#2	-1.45217	27.13579	-1.73061	.2313210	297.7345	-2.19976	.6558530
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.130978	16.32475	.6281739	-.537977	.7239510	2.289946	-.104965
#1	2.087357	16.28218	.6506745	-.148933	.7193916	2.899556	-.669695
#2	2.174599	16.36731	.6056734	-.927021	.7285103	1.680335	.4597641
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.00657	1.496212
#1	-2.69868	1.931137
#2	-7.31445	1.061287
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: BLK58876 Operator:
Run Time: 01/22/03 22:26:39
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	10.05251	-.196740	.5238392	.2621501	-.100498	.1887042	74.03604
#1	13.03420	-.405095	.9299099	.2721684	-.101774	.2138821	73.98334
#2	7.070815	.0116151	.1177685	.2521318	-.099222	.1635264	74.08873
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0000	20.00000	20.00000	5.000000	2.000000	3.000000	1000.000
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.355338	-.180535	-1.19938	17.16168	.9069489	11.61954	.2319257
#1	1.299266	-.426788	-.978285	17.46278	.6248345	11.59382	.2483466
#2	1.411410	.0657177	-1.42048	16.86058	1.189063	11.64525	.2155048
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5.000000	5.000000	10.00000	100.0000	3.000000	250.0000	5.000000
Low	-5.00000	-5.00000	-10.0000	-100.000	-3.00000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.58521	17.50750	1.067389	.3169155	330.0085	-4.68836	.2970865
#1	-1.63512	15.21889	1.952652	.0716069	272.8643	-4.97192	.1058052
#2	-1.53529	19.79610	.1821253	.5622241	387.1527	-4.40480	.4883678
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00000	250.0000	5.000000	3.000000	2500.000	10.00000	10.00000
Low	-10.0000	-250.000	-5.00000	-3.00000	-2500.00	-10.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.929791	8.203432	.3714026	.2117167	.2387621	2.557997	.0814139
#1	2.973721	8.314232	.1846466	-.081385	.1856129	2.349469	-.237494
#2	2.885860	8.092633	.5581585	.5048188	.2919113	2.766524	.4003220
Errors	LC Pass	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK
High	20.00000	15.00000	5.000000		20.00000		
Low	-20.0000	-15.0000	-5.00000		-20.0000		

Elem	1/Se	2/Se
Avge	-5.62792	4.415026
#1	-4.03933	4.948627
#2	-7.21651	3.881424
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: BKS58876 Operator:
Run Time: 01/22/03 22:34:23
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	5129.853	51.08190	50.09008	514.5914	25.42068	52.60235	5348.993
#1	5126.819	50.07149	49.92739	514.3339	25.37958	52.44183	5336.078
#2	5132.887	52.09232	50.25277	514.8489	25.46179	52.76287	5361.908
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	6000.000	60.00000	60.00000	600.0000	30.00000	60.00000	6000.000
Low	4000.000	40.00000	40.00000	400.0000	20.00000	40.00000	4000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	259.5261	256.6416	250.2301	5198.690	510.2447	5057.938	257.2844
#1	258.8619	256.3714	249.9485	5192.833	510.3943	5047.956	256.8170
#2	260.1902	256.9118	250.5118	5204.548	510.0951	5067.920	257.7517
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	300.0000	300.0000	300.0000	6000.000	600.0000	6000.000	300.0000
Low	200.0000	200.0000	200.0000	4000.000	400.0000	4000.000	200.0000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	254.8855	5440.520	47.26785	50.77853	5181.663	48.70485	257.5800
#1	254.2705	5437.763	47.92975	50.64791	5148.662	46.45498	257.2932
#2	255.5006	5443.276	46.60594	50.90914	5214.663	50.95472	257.8667
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	300.0000	6000.000	60.00000	60.00000	6000.000	60.00000	300.0000
Low	200.0000	4000.000	40.00000	40.00000	4000.000	40.00000	200.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	517.3201	499.4936	256.4008	256.7060	L1025.632	506.8495	511.9423
#1	516.3741	499.3963	256.0059	255.5990	L1025.093	506.9249	512.1291
#2	518.2660	499.5908	256.7957	257.8130	L1026.170	506.7741	511.7556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Low	NOCHECK	NOCHECK
High	600.0000	600.0000	300.0000	300.0000	6000.000		
Low	400.0000	400.0000	200.0000	200.0000	4000.000		

Elem	1/Se	2/Se
Avge	41.28820	50.25765
#1	41.68287	51.05318
#2	40.89353	49.46213
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301043-001-023-1/1 Operator:
Run Time: 01/22/03 22:42:06
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	45.05301	1.202241	.5106592	7.111869	-.101707	2.391258	32704.34
#1	45.53488	2.759537	.9310995	7.188959	-.108699	2.442248	32753.70
#2	44.57114	-.355056	.0902189	7.034779	-.094715	2.340267	32654.97
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	4.218494	-.611294	.6572298	37.95805	2.374130	2932.112	7.057271
#1	4.566427	-.244872	.8198203	42.92407	2.548909	2936.011	7.128904
#2	3.870561	-.977716	.4946392	32.99202	2.199352	2928.213	6.985639
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.389809	2721.189	-1.02015	.0117223	13782.80	-6.50682	5.206096
#1	.2162537	2715.079	-1.20962	.2527765	13747.28	-7.12990	5.294959
#2	-.995872	2727.300	-.830681	-.229332	13818.33	-5.88374	5.117232
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.324641	28.38834	5.385461	-.520043	.8667188	3.517554	1.802407
#1	2.376331	28.83225	5.672882	.2311783	1.002604	4.364069	1.641317
#2	2.272950	27.94444	5.098041	-1.27126	.7308339	2.671039	1.963496
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-7.31356	2.126540
#1	-6.28320	1.327156
#2	-8.34393	2.925924
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: D 301043-001-023-1/1 Operator:
Run Time: 01/22/03 22:49:49
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	50.36374	.1636543	1.859523	6.926684	-.120692	2.250390	32466.08
#1	51.57390	.4081032	2.232617	6.923583	-.099004	2.283686	32469.28
#2	49.15357	-.080795	1.486428	6.929785	-.142379	2.217094	32462.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	3.894009	-.492221	-.137079	36.75686	.7819673	2912.365	6.889664
#1	4.012283	-.139069	-.058314	43.61662	.8137540	2911.103	6.886787
#2	3.775735	-.845373	-.215845	29.89709	.7501806	2913.626	6.892540
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.717609	2673.302	.6551345	-.261166	13661.52	-4.84335	5.073103
#1	-.572851	2673.578	.7704952	-.291276	13647.77	-4.69816	5.248914
#2	-.862366	2673.025	.5397738	-.231057	13675.27	-4.98854	4.897292
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.018901	28.26074	5.302837	.1472433	.4342832	1.899895	.2229919
#1	2.027409	28.37153	5.300655	-.258678	.5114055	1.903640	.2687991
#2	2.010393	28.14995	5.305018	.5531642	.3571609	1.896149	.1771847
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-7.49911	4.732239
#1	-7.78426	5.047856
#2	-7.21396	4.416622
Errors	NOCHECK	NOCHECK
High		
Low		

Analysis Report QC Standard 01/22/03 11:05:14 PM page 1

Method: TRACEV8 Sample Name: CVCCV4 Operator: --
Run Time: 01/22/03 22:57:33
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	50919.30	1025.695	1010.020	509.2839	50.26163	495.7946	97786.58
#1	50891.97	1023.908	1009.205	508.8008	50.24704	495.8516	97846.78
#2	50946.62	1027.482	1010.835	509.7669	50.27623	495.7376	97726.38
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	50000.00	1000.000	1000.000	500.0000	50.00000	500.0000	100000.0
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	494.1388	492.8601	504.9645	49433.32	498.8084	97897.30	491.6277
#1	493.8388	492.8582	504.2771	49477.19	499.1488	97852.28	491.6479
#2	494.4388	492.8620	505.6518	49389.44	498.4681	97942.33	491.6076
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	500.0000	500.0000	50000.00	500.0000	100000.0	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	492.0288	25841.39	1007.696	507.7249	98191.02	1014.060	496.3573
#1	492.9734	25822.79	1004.939	507.6783	98110.84	1012.167	496.4541
#2	491.0843	25859.99	1010.453	507.7715	98271.21	1015.954	496.2605
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	25000.00	1000.000	500.0000	100000.0	1000.000	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	514.2590	513.8267	498.1018	500.0344	500.3411	493.4774	501.4740
#1	513.9262	514.2443	497.2374	497.9970	500.1911	493.2138	502.1164
#2	514.5919	513.4091	498.9663	502.0719	500.4911	493.7411	500.8315
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	500.0000	500.0000	500.0000	500.0000	500.0000		
Range	10.00000	10.00000	10.00000	10.00000	10.00000		

Elem	1/Se	2/Se
Avge	1006.387	1008.351
#1	1008.299	1003.260
#2	1004.474	1013.442
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/22/03 11:12:58 PM page 1

Method: TRACEV8 Sample Name: BCCCB4 Operator: --
Run Time: 01/22/03 23:05:17
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	28.55992	.1578306	-.598313	.2462484	-.108980	.2302856	14.07317
#1	39.31003	.3698641	.3823735	.3140887	-.093210	.1942863	30.30553
#2	17.80982	-.054203	-1.57900	.1784081	-.124750	.2662848	-2.15919
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	200.0000	20.00000	10.00000	15.00000	15.00000	3.000000	1000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.2917740	.4583943	-1.27476	25.99693	.0177067	54.00874	.2223119
#1	.3712685	.6505124	-1.30133	31.53523	.4704390	72.31757	.3128016
#2	.2122795	.2662762	-1.24819	20.45863	-.435025	35.69991	.1318221
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	5.000000	5.000000	10.00000	100.0000	3.000000	250.0000	5.000000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.345285	19.97330	-.048980	.2914679	40.74754	-1.02780	.4798258
#1	-.546180	25.03288	1.028086	.4915380	24.90422	-1.18651	.5566180
#2	-.144391	14.91372	-1.12604	.0913979	56.59085	-.869093	.4030335
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	10.00000	250.0000	5.000000	3.000000	2500.000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	.1182652	.5155167	1.025230	.0781803	.3626278	-.561538	.3073161
#1	.2001960	1.104997	1.290163	.5949037	.5416149	-.207870	.8095806
#2	.0363344	-.073963	.7602981	-.438543	.1836407	-.915205	-.194948
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000000	.0000000	.0000000	.0000000	.0000000		
Range	20.00000	15.00000	5.000000	20.00000	20.00000		

Elem	1/Se	2/Se
Avge	-.073283	-.036840
#1	-.361851	1.723041
#2	.2152847	-1.79672
Errors	NOCHECK	NOCHECK
Value		
Range		

Method: TRACEV8 Sample Name: SP301043-001-023-1/1 Operator: –
Run Time: 01/22/03 23:13:01
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	5314.727	51.42381	53.23749	528.4932	25.76563	55.35988	37581.62
#1	5314.189	50.63404	53.94545	528.1368	25.78851	55.40429	37613.96
#2	5315.264	52.21359	52.52953	528.8495	25.74276	55.31546	37549.29
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	264.6929	258.6974	258.8999	5273.675	518.2869	7968.050	266.4838
#1	264.4600	259.1597	258.8861	5278.284	518.2248	7974.155	266.4780
#2	264.9258	258.2351	258.9138	5269.066	518.3489	7961.945	266.4895
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	260.0187	8226.768	49.09951	51.91803	18547.79	48.52140	266.8451
#1	260.0872	8235.209	49.40504	51.80116	18607.76	48.84786	266.9354
#2	259.9502	8218.327	48.79398	52.03489	18487.81	48.19494	266.7549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	527.0972	548.1637	266.1801	261.9500	1045.173	515.3806	519.7400
#1	527.1037	548.3326	266.3657	262.6635	1045.110	515.5985	519.5380
#2	527.0906	547.9948	265.9946	261.2364	1045.236	515.1628	519.9420
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	43.26926	52.01462
#1	43.72786	52.24361
#2	42.81067	51.78562
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: PS301043-001-023-1/1 Operator:
Run Time: 01/22/03 23:20:45
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	1102.248	84.38817	85.06142	28.11407	10.25711	23.72775	37454.16
#1	1102.649	84.49521	84.60068	28.16097	10.23753	23.77554	37414.59
#2	1101.848	84.28113	85.52216	28.06717	10.27669	23.67995	37493.73
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	25.61154	31.11605	32.47993	2131.030	84.92931	7978.550	90.03239
#1	25.84296	31.01592	32.60395	2122.642	84.24312	7979.161	90.03310
#2	25.38011	31.21619	32.35590	2139.418	85.61549	7977.940	90.03170
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	42.16392	8245.814	67.61519	41.21267	18611.21	101.6535	26.11487
#1	42.13823	8251.290	67.54901	41.20761	18678.54	101.7241	26.13008
#2	42.18961	8240.337	67.68137	41.21773	18543.88	101.5829	26.09965
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	87.77284	100.5532	36.96597	104.8739	22.10790	86.47191	84.15799
#1	87.62373	100.4303	36.85181	103.8166	22.21487	85.94875	83.39029
#2	87.92195	100.6762	37.08013	105.9312	22.00093	86.99507	84.92570
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	61.10464	70.87045
#1	61.18835	70.72932
#2	61.02094	71.01157
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: SE301043-001-023-1/1 Operator:
Run Time: 01/22/03 23:28:28
Comment: UG/L 5
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	12.17680	.0571660	.2731145	1.385759	-.110967	.5098917	6476.156
#1	11.53625	.2527064	-.078934	1.359040	-.127793	.3867523	6474.031
#2	12.81736	-.138374	.6251630	1.412478	-.094141	.6330312	6478.281
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.7496487	.0203507	-1.22365	2.986103	.2464672	606.2854	1.364353
#1	.8105030	-.085738	-1.21266	6.274230	-.002722	606.0800	1.377525
#2	.6887945	.1264396	-1.23465	-.302024	.4956560	606.4908	1.351182
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-.667258	493.2433	-.594199	.2520946	2785.366	-3.45619	1.188305
#1	-.479207	495.0166	-.706873	.4127371	2776.359	-3.35847	1.216054
#2	-.855309	491.4700	-.481525	.0914520	2794.372	-3.55391	1.160556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	1.369528	5.687820	1.226085	-.420775	.2212061	.1840927	.2776418
#1	1.356102	5.672130	1.381930	.4865678	.2926408	.2388456	-.123518
#2	1.382954	5.703510	1.070239	-1.32812	.1497715	.1293397	.6788013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-2.90694	.5621571
#1	-3.21134	.5453469
#2	-2.60254	.5789675
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301043-002-024-1/1 Operator:
Run Time: 01/22/03 23:36:12
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	580.0494	.9473258	.3339541	9.756872	-.095002	-.000248	38066.60
#1	582.1474	.2659925	-1.59776	9.767293	-.088136	.0180309	37936.94
#2	577.9514	1.628659	2.265666	9.746452	-.101867	-.018528	38196.27
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.461297	-.446941	.8496629	174.0555	1.083076	744.8575	2.220447
#1	2.456206	-.533033	.8278387	170.7718	.9472742	742.9290	2.181854
#2	2.466388	-.360848	.8714871	177.3392	1.218877	746.7862	2.259040
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.40699	737.9957	1.494062	.2840348	4126.067	-2.43234	5.611511
#1	-1.63600	739.0386	1.761734	.0918205	4145.905	-1.49749	5.702100
#2	-1.17798	736.9529	1.226390	.4762491	4106.230	-3.36720	5.520922
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	3.772976	19.62996	3.113787	.4936815	4.098386	3.093410	.0778972
#1	3.824155	19.40704	3.186666	.0559072	3.973284	1.197232	.8222830
#2	3.721798	19.85288	3.040907	.9314557	4.223489	4.989588	-.666489
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-4.06891	4.275530
#1	-4.84395	5.064561
#2	-3.29386	3.486500
Errors	NOCHECK	NOCHECK
High		
Low		

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Method: TRACEV8 Sample Name: S 301043-003-025-1/1 Operator:
Run Time: 01/22/03 23:43:56
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	35.99638	.0281126	3.656320	70.96373	-.074372	-.048520	9777.035
#1	39.94852	-1.45983	3.995887	70.98388	-.065230	.0487283	9791.329
#2	32.04424	1.516058	3.316752	70.94357	-.083514	-.145768	9762.742
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.688598	6.392019	3.894095	3073.462	1.299073	3128.379	38.64793
#1	1.672280	6.411267	4.059445	3080.962	1.040325	3130.655	38.67245
#2	1.704917	6.372772	3.728744	3065.962	1.557821	3126.104	38.62339
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	1.630617	1348.122	-1.03518	.2626680	11879.58	-5.59018	.4249554
#1	1.959112	1348.398	-.794749	.5940719	11874.19	-6.26091	.6528706
#2	1.302122	1347.846	-1.27560	-.068736	11884.97	-4.91945	.1970401
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	18.30251	26.73655	.3292741	1.181488	.9105449	2.982810	.4571936
#1	18.25008	26.51738	.0082422	.5957524	.8637632	2.332717	.3941172
#2	18.35494	26.95571	.6503061	1.767225	.9573265	3.632902	.5202701
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-6.41915	1.656792
#1	-6.28283	1.949275
#2	-6.55546	1.364308
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301043-004-026-1/1 Operator:
Run Time: 01/22/03 23:51:39
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	565.6027	.1936757	.8516125	9.733121	-.102193	-.111523	38190.42
#1	566.5179	-.128576	.8987015	9.747610	-.098115	-.009889	38187.81
#2	564.6875	.5159277	.8045235	9.718632	-.106271	-.213157	38193.04
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	2.489829	-.337176	.7310669	173.6333	1.589789	736.0063	2.131143
#1	2.493911	-.391207	.8178444	173.8985	1.673975	737.9450	2.134492
#2	2.485748	-.283145	.6442894	173.3681	1.505603	734.0677	2.127795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	-1.52746	702.3341	1.446456	-.119312	4127.002	-4.77317	5.383273
#1	-1.35690	704.8623	1.058755	-.089412	4158.569	-6.27107	5.492940
#2	-1.69801	699.8058	1.834158	-.149213	4095.434	-3.27527	5.273606
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	2.436730	26.49745	2.692048	-.020396	4.029618	2.292228	1.238557
#1	2.459383	26.59928	2.651135	-.667590	3.981357	1.737688	1.642106
#2	2.414077	26.39563	2.732960	.6267985	4.077880	2.846769	.8350090
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-5.40219	4.870762
#1	-5.66912	4.422676
#2	-5.13526	5.318849
Errors	NOCHECK	NOCHECK
High		
Low		

Method: TRACEV8 Sample Name: S 301028-001-027-1/1 Operator:
Run Time: 01/22/03 23:59:23
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	29.18114	.4799153	.8464715	79.55145	-.013239	-.123756	14950.19
#1	28.74738	.2245660	.4089985	79.50069	-.012535	-.112084	14924.50
#2	29.61489	.7352647	1.283945	79.60222	-.013943	-.135427	14975.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	525000.0	5250.000	2100.000	10500.00	525.0000	2100.000	525000.0
Low	-200.000	-20.0000	-20.0000	-5.00000	-2.00000	-3.00000	-1000.00

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	1.588721	4.672195	.9382990	3328.456	.7245906	6172.780	101.5167
#1	1.626968	4.747452	.8438617	3327.014	.7685840	6168.448	101.3548
#2	1.550474	4.596938	1.032736	3329.899	.6805973	6177.113	101.6786
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10500.00	10500.00	10500.00	525000.0	21000.00	525000.0	10500.00
Low	-5.00000	-5.00000	-10.0000	-150.000	-10.0000	-250.000	-5.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	1.556155	1611.820	-1.32274	.1118670	18594.93	-5.53840	.6711468
#1	1.216074	1614.365	-1.17068	.0313017	18603.71	-5.83051	.8732502
#2	1.896235	1609.275	-1.47480	.1924324	18586.16	-5.24629	.4690433
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	7875.000	105000.0	2100.000	1050.000	525000.0	2100.000	10500.00
Low	-10.0000	-250.000	-20.0000	-3.00000	-2500.00	-30.0000	-10.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	8.030239	29.04661	.4739981	-.170025	.5762904	1.649831	.2619585
#1	7.999005	29.06536	.5849400	.2188136	.6815040	1.507345	.3991914
#2	8.061473	29.02786	.3630561	-.558864	.4710767	1.792317	.1247256
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2100.000	5250.000	10500.00	10500.00	10500.00		
Low	-20.0000	-15.0000	-5.00000	-25.0000	-10.0000		

Elem	1/Se	2/Se
Avge	-8.27758	2.154663
#1	-9.15074	2.819332
#2	-7.40442	1.489994
Errors	NOCHECK	NOCHECK
High		
Low		

Analysis Report QC Standard 01/23/03 00:14:49 AM page 1

Method: TRACEV8 Sample Name: CRCRI Operator:
Run Time: 01/23/03 00:07:08
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	427.0782	126.8031	21.72313	418.9781	10.48249	10.90210	517.3472
#1	424.8372	126.7349	20.42215	418.3298	10.46747	10.80560	519.7435
#2	429.3192	126.8714	23.02411	419.6263	10.49751	10.99861	514.9508
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	400.0000	120.0000	20.00000	400.0000	10.00000	10.00000	500.0000
Range	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	20.34051	104.6472	49.45582	229.4129	6.012984	561.3716	32.12361
#1	20.11378	104.7476	49.20785	230.9207	6.409343	560.6851	32.12006
#2	20.56725	104.5468	49.70379	227.9051	5.616626	562.0582	32.12717
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	20.00000	100.0000	50.00000	200.0000	6.000000	500.0000	30.00000
Range	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	82.75319	537.5400	10.80755	20.00975	1097.226	18.51541	104.3480
#1	82.78962	536.7415	10.45166	20.03049	1081.238	19.01697	104.0235
#2	82.71677	538.3387	11.16344	19.98902	1113.215	18.01386	104.6726
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	80.00000	500.0000	10.00000	20.00000	1000.000	20.00000	100.0000
Range	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000	25.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	44.42000	16.86661	5.486230	25.63868	26.37098	5.675524	6.181704
#1	44.33866	16.91958	5.307981	25.86942	26.29380	4.878300	7.174853
#2	44.50133	16.81363	5.664480	25.40795	26.44815	6.472749	5.188554
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	40.00000	15.00000	5.000000	25.00000	25.00000		
Range	25.00000	25.00000	25.00000	25.00000	25.00000		

Elem	1/Se	2/Se
Avge	10.80720	10.80771
#1	9.390851	10.98206
#2	12.22356	10.63337
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/23/03 00:22:33 AM page 1

Method: TRACEV8 Sample Name: IAICSA Operator: --
Run Time: 01/23/03 00:14:53
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	474910.8	-.549162	-.520722	1.401461	-.029177	-2.38113	500073.8
#1	475613.8	-.727927	-.712376	1.429014	-.019464	-2.12689	501240.6
#2	474207.8	-.370397	-.329069	1.373908	-.038891	-2.63537	498906.9
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500000.0	.0000000	.0000000	.0000000	.0000000	.0000000	500000.0
Range	100000.0	30.00000	20.00000	20.00000	10.00000	10.00000	100000.0

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	4.099908	-.064693	-.485298	192546.8	3.443599	493408.9	1.913805
#1	3.958458	-.018894	-.462734	192882.9	3.481822	494088.5	1.953386
#2	4.241359	-.110492	-.507863	192210.8	3.405375	492729.3	1.874225
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	200000.0	.0000000	500000.0	.0000000
Range	20.00000	100.0000	50.00000	40000.00	6.000000	100000.0	30.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	.1043319	1.994064	-.397564	.2016623	-113.809	-7.74344	-2.94121
#1	.3847114	6.142338	.1090883	.1590300	-106.925	-8.49301	-2.84466
#2	-.176048	-2.15421	-.904216	.2442946	-120.694	-6.99388	-3.03777
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	80.00000	1000.000	10.00000	20.00000	1000.000	20.00000	100.0000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	1.964010	1.496671	.5871319	-2.50609	1.133601	-.099747	5.215256
#1	1.974648	1.761599	.1018575	-4.94241	1.132959	-.561111	5.503273
#2	1.953373	1.231742	1.072406	-.069763	1.134242	.3616180	4.927238
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000000	.0000000	.0000000	.0000000	.0000000		
Range	40.00000	50.00000	10.00000	10.00000	10.00000		

Elem	1/Se	2/Se
Avge	-2.01435	.4108143
#1	-1.72004	1.023640
#2	-2.30865	-.202011
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/23/03 00:30:18 AM page 1

Method: TRACEV8 Sample Name: IBICSAB Operator: --
Run Time: 01/23/03 00:22:37
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	475233.7	625.4149	102.6794	525.6621	493.3394	966.0530	498692.7
#1	475064.1	623.5182	102.3130	525.6244	493.1105	965.2772	498374.6
#2	475403.2	627.3116	103.0458	525.6997	493.5684	966.8289	499010.8
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500000.0	600.0000	100.0000	500.0000	500.0000	1000.000	500000.0
Range	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	490.5758	478.4735	540.3514	192917.6	52.33581	495402.7	491.1680
#1	489.6013	478.4141	540.2722	192761.5	53.14529	495281.7	490.9377
#2	491.5503	478.5328	540.4307	193073.6	51.52633	495523.7	491.3983
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	500.0000	500.0000	200000.0	50.00000	500000.0	500.0000
Range	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	952.7211	5707.305	46.76389	214.3861	5340.413	93.72712	496.8505
#1	953.0670	5704.843	47.08286	214.5981	5338.758	94.64269	496.1299
#2	952.3753	5709.766	46.44493	214.1741	5342.068	92.81155	497.5711
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	1000.000	5000.000	50.00000	200.0000	5000.000	100.0000	500.0000
Range	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000	20.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	1013.406	1069.263	994.3352	998.0110	990.2631	50.69243	53.15745
#1	1012.948	1067.684	991.8873	997.8669	989.9684	52.60439	53.41570
#2	1013.864	1070.843	996.7831	998.1552	990.5578	48.78047	52.89921
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	1000.000	1000.000	1000.000	1000.000	1000.000		
Range	20.00000	20.00000	20.00000	20.00000	20.00000		

Elem	1/Se	2/Se
Avge	48.42599	45.93284
#1	48.83939	46.20458
#2	48.01258	45.66110
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/23/03 00:38:02 AM page 1

Method: TRACEV8 Sample Name: CVCCV4 Operator:
Run Time: 01/23/03 00:30:21
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	50561.39	1013.703	1003.139	504.2465	50.10342	493.9199	97483.52
#1	50771.14	1017.959	1009.638	505.9775	50.40705	496.1106	97933.98
#2	50351.64	1009.447	996.6405	502.5154	49.79978	491.7291	97033.06
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	50000.00	1000.000	1000.000	500.0000	50.00000	500.0000	100000.0
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	491.6808	488.8877	499.0257	49190.37	496.9097	98100.91	488.9986
#1	494.5353	491.2710	500.8870	49439.83	498.8882	98553.05	491.1204
#2	488.8263	486.5043	497.1644	48940.90	494.9312	97648.77	486.8768
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	500.0000	500.0000	50000.00	500.0000	100000.0	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	490.9596	25630.75	998.9015	504.7654	97506.12	1004.147	493.9512
#1	493.2637	25662.53	1001.296	506.0589	97714.21	1010.615	496.0913
#2	488.6555	25598.97	996.5065	503.4718	97298.04	997.6783	491.8110
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	500.0000	25000.00	1000.000	500.0000	100000.0	1000.000	500.0000
Range	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	511.0194	509.8214	496.3274	496.9563	497.9322	492.4263	499.1514
#1	513.3503	512.2649	497.3239	500.5211	499.9437	491.3283	502.6682
#2	508.6885	507.3778	495.3310	493.3915	495.9207	493.5244	495.6347
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	500.0000	500.0000	500.0000	500.0000	500.0000		
Range	10.00000	10.00000	10.00000	10.00000	10.00000		

Elem	1/Se	2/Se
Avge	998.7596	998.9724
#1	1001.598	1001.146
#2	995.9212	996.7992
Errors	NOCHECK	NOCHECK
Value		
Range		

Analysis Report QC Standard 01/23/03 00:45:46 AM page 1

Method: TRACEV8 Sample Name: BCCCB4 Operator:
Run Time: 01/23/03 00:38:06
Comment: UG/L
Mode: CONC Corr. Factor: 1

Elem	Al	Sb	As	Ba	Be	Cd	Ca
Avge	97.12086	.7407776	-.337008	.3185841	-.027596	.3805886	85.26860
#1	140.7845	.7798139	-.465817	.3692264	.0040478	.5206819	136.9120
#2	53.45721	.7017413	-.208200	.2679417	-.059240	.2404952	33.62516
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	200.0000	20.00000	10.00000	15.00000	15.00000	3.000000	1000.000

Elem	Cr	Co	Cu	Fe	Pb	Mg	Mn
Avge	.3303638	.3889107	-1.27498	53.93397	.0049820	130.8688	.2780331
#1	.3703870	.4933651	-1.27544	76.39724	.2312165	187.8083	.3799232
#2	.2903405	.2844562	-1.27452	31.47071	-.221252	73.92940	.1761429
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	5.000000	5.000000	10.00000	100.0000	3.000000	250.0000	5.000000

Elem	Ni	K	Se	Ag	Na	Tl	V
Avge	.2236559	15.69177	-.314391	.3904915	86.71074	-.343618	.3781223
#1	-.097520	16.89985	-.528315	.4902161	97.88864	-.183297	.2050754
#2	.5448320	14.48370	-.100467	.2907669	75.53283	-.503939	.5511692
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass
Value	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000	.0000000
Range	10.00000	250.0000	5.000000	3.000000	2500.000	10.00000	10.00000

Elem	Zn	B	Mo	Sn	Ti	1/Pb	2/Pb
Avge	.2355170	.2612300	.8142167	-.212365	.3672246	-.694876	.3548983
#1	.3641293	.3993027	1.243368	-.871086	.4663422	-.521089	.6073562
#2	.1069047	.1231572	.3850655	.4463569	.2681069	-.868664	.1024403
Errors	QC Pass	QC Pass	QC Pass	QC Pass	QC Pass	NOCHECK	NOCHECK
Value	.0000000	.0000000	.0000000	.0000000	.0000000		
Range	20.00000	15.00000	5.000000	20.00000	20.00000		

Elem	1/Se	2/Se
Avge	-1.17268	.1147418
#1	-1.73198	.0735061
#2	-.613380	.1559775
Errors	NOCHECK	NOCHECK
Value		
Range		

GPL Laboratories, LLLP MERCURY ANALYSIS LOG *Document Control No: GP_M_097*

						Traceability-Solutions
Instrument ID: PS200		Method:	T470-CLP-W	Start Seq #:	648	Rinse 10% HCL Bath: 057-143-01
Corr. Coef.	0.9999995	Data File:	H030116	End Seq #:	717	Stannous CL 10%: 057-129-05
Test Optics Sample:	644914	Rack 1:	030116	Folder:	JAN03	
Reference:	644324	Rack 2:	—	Batch Name:		

GPL - Maryland Laboratory **CVAA Analysis Log**

Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time	Seq	Sample Name	Dil	Date	Time
1	Std1Rep1	1	1/16/03	8:53	31	BPBLK58767	1	1/16/03	10:24	61	S 301042-006-037-1/1	1	1/16/03	11:39
2	Std1Rep2	1	1/16/03	8:56	32	LCBKS58767	1	1/16/03	10:27	62	S 301043-001-023-1/1	1	1/16/03	11:42
3	Std1Rep3	1	1/16/03	8:59	33	S 301037-001-012-1/1	1	1/16/03	10:29	63	S 301043-002-024-1/1	1	1/16/03	11:44
4	Std2Rep1	1	1/16/03	9:01	34	Ck5	1	1/16/03	10:32	64	S 301043-003-025-1/1	1	1/16/03	11:47
5	Std2Rep2	1	1/16/03	9:04	35	Ck6	1	1/16/03	10:34	65	S 301043-004-026-1/1	1	1/16/03	11:49
6	Std2Rep3	1	1/16/03	9:06	36	S 301037-002-018-1/1	1	1/16/03	10:37	66	S 301045-001-011-1/1	1	1/16/03	11:52
7	Std3Rep1	1	1/16/03	9:09	37	S 301037-003-013-1/1	1	1/16/03	10:39	67	S 301045-002-012-1/1	1	1/16/03	11:54
8	Std3Rep2	1	1/16/03	9:11	38	S 301037-004-019-1/1	1	1/16/03	10:42	68	S CRA	1	1/16/03	11:57
9	Std3Rep3	1	1/16/03	9:14	39	S 301037-005-014-1/1	1	1/16/03	10:44	69	Ck5	1	1/16/03	11:59
10	Std4Rep1	1	1/16/03	9:16	40	D 301037-005-014-1/1	1	1/16/03	10:47	70	Ck6	1	1/16/03	12:02
11	Std4Rep2	1	1/16/03	9:19	41	SP301037-005-014-1/	1	1/16/03	10:49					
12	Std4Rep3	1	1/16/03	9:21	42	S 301037-006-020-1/1	1	1/16/03	10:52					
13	Std5Rep1	1	1/16/03	9:24	43	S 301048-001-009-1/1	1	1/16/03	10:54					
14	Std5Rep2	1	1/16/03	9:27	44	S 301048-002-013-1/1	1	1/16/03	10:57					
15	Std5Rep3	1	1/16/03	9:29	45	S CRA	1	1/16/03	10:59					
16	Std6Rep1	1	1/16/03	9:32	46	Ck5	1	1/16/03	11:01					
17	Std6Rep2	1	1/16/03	9:35	47	Ck6	1	1/16/03	11:04					
18	Std6Rep3	1	1/16/03	9:37	48	S 301048-003-010-1/1	1	1/16/03	11:07					
19	Ck2	1	1/16/03	9:49	49	S 301048-004-014-1/1	1	1/16/03	11:09					
20	Ck3	1	1/16/03	9:51	50	BPBLK58766	1	1/16/03	11:12					
21	Ck4	1	1/16/03	9:54	51	LCBKS58766	1	1/16/03	11:14					
22	Ck5	1	1/16/03	9:56	52	S 301038-001-028-1/1	1	1/16/03	11:17					
23	Ck6	1	1/16/03	9:59	53	S 301038-002-029-1/1	1	1/16/03	11:19					
24	S IDL 1	1	1/16/03	10:07	54	S 301038-003-030-1/1	1	1/16/03	11:22					
25	S IDL 2	1	1/16/03	10:09	55	D 301038-003-030-1/1	1	1/16/03	11:24					
26	S IDL 3	1	1/16/03	10:12	56	SP301038-003-030-1/	1	1/16/03	11:26					
27	S IDL 4	1	1/16/03	10:14	57	S 301038-004-031-1/1	1	1/16/03	11:29					
28	S IDL 5	1	1/16/03	10:17	58	Ck5	1	1/16/03	11:31					
29	S IDL 6	1	1/16/03	10:19	59	Ck6	1	1/16/03	11:34					
30	S IDL 7	1	1/16/03	10:22	60	S 301038-005-032-1/1	1	1/16/03	11:37					

Analyst Signature: MC Date: 16-Jan-2003 Analyst Signature:

Workorders	Dilutions/Reanalyses/Comments	Source Solutions Stds	Numbers
301038		S0	21239
301042		S1	↓
301043		S2	↓
301045		S3	↓
301037		S4	↓
301048		S5	↓
IDL		CRA	✓
	MC 16-Jan-2003	ICV	21140
		CCV	21239

Analyst: MC Date: 16-Jan-2003 Reviewed: AD Date: 1-30-03

08:53:58 16 Jan 2003 Protocol: CALEPA EPA Method 245.1,245.5,7470

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Standard: 1 Rep: 1 Seq: 648 08:53:58 16 Jan 2003 HG

Hg .000 ppb -26
Ave. Int. = -26 S. D. = 0

*** Standard: 1 Rep: 2 Seq: 649 08:56:30 16 Jan 2003 HG

Hg .000 ppb -507
Ave. Int. = -507 S. D. = 0

*** Standard: 1 Rep: 3 Seq: 650 08:59:03 16 Jan 2003 HG

Hg .000 ppb -46
Ave. Int. = -46 S. D. = 0

*** Standard: 2 Rep: 1 Seq: 651 09:01:36 16 Jan 2003 HG

Hg .200 ppb 6478
Ave. Int. = 6478 S. D. = 0

*** Standard: 2 Rep: 2 Seq: 652 09:04:09 16 Jan 2003 HG

Hg .200 ppb 6489
Ave. Int. = 6489 S. D. = 0

*** Standard: 2 Rep: 2 Seq: 653 09:06:41 16 Jan 2003 HG

Hg .200 ppb 6042
Ave. Int. = 6042 S. D. = 0

*** Standard: 3 Rep: 1 Seq: 654 09:09:13 16 Jan 2003 HG

Hg .500 ppb 16266
Ave. Int. = 16266 S. D. = 0

*** Standard: 3 Rep: 2 Seq: 655 09:11:46 16 Jan 2003 HG

Hg .500 ppb 15498
Ave. Int. = 15498 S. D. = 0

*** Standard: 3 Rep: 3 Seq: 656 09:14:19 16 Jan 2003 HG

Hg .500 ppb 15855
Ave. Int. = 15855 S. D. = 0

Line	Conc.	Units	SD/RSD	1	2	3	4	5	7

*** Standard: 4 Rep: 1 Seq: 657 09:16:52 16 Jan 2003 HG

Hg 1.00 ppb 30470
Ave. Int. = 30470 S. D. = 0

*** Standard: 4 Rep: 2 Seq: 658 09:19:25 16 Jan 2003 HG

Hg 1.00 ppb 29704
Ave. Int. = 29704 S. D. = 0

*** Standard: 4 Rep: 3 Seq: 659 09:21:58 16 Jan 2003 HG

Hg 1.00 ppb 30226
Ave. Int. = 30226 S. D. = 0

*** Standard: 5 Rep: 1 Seq: 660 09:24:31 16 Jan 2003 HG

Hg 5.00 ppb 150720
Ave. Int. = 150720 S. D. = 0

*** Standard: 5 Rep: 2 Seq: 661 09:27:04 16 Jan 2003 HG

Hg 5.00 ppb 148217
Ave. Int. = 148217 S. D. = 0

*** Standard: 5 Rep: 3 Seq: 662 09:29:42 16 Jan 2003 HG

Hg 5.00 ppb 150267
Ave. Int. = 150267 S. D. = 0

*** Standard: 6 Rep: 1 Seq: 663 09:32:17 16 Jan 2003 HG

Hg 10.0 ppb 298640
Ave. Int. = 298640 S. D. = 0

*** Standard: 6 Rep: 2 Seq: 664 09:35:05 16 Jan 2003 HG

Hg 10.0 ppb 298133
Ave. Int. = 298133 S. D. = 0

*** Standard: 6 Rep: 3 Seq: 665 09:37:49 16 Jan 2003 HG

Hg 10.0 ppb 300058
Ave. Int. = 300058 S. D. = 0

d

Protocol: CALFPA EPA Method 245.1 245.5 7470

Rev: 2.000 Time: 09:42:28 16 Jan 2003

Folder: JAN03 Seq: 666 Print: On

State: Idle Unit: Off Autosampler: On

CALIBRATION: Line Calibration

KC
16-Jan-2003

Line: Hg Accepted

	Conc.	Calc.	Dev.	Linear
S1	.000	-.018	-.018	Quadratic
S2	.200	.201	.001	WtdLinear
S3	.500	.520	.020	
S4	1.00	.997	-.003	Accept
S5	5.00	5.00	.002	
S6	10.0	10.0	-.002	StdAdd

A .0000000 r .999995

m 2.34037E-5 c 4.45068E-2

p 3.39031E-3 v -1.13700E-2

	Mean	vBSD		Relative Absorbance	
S1	-193	-140.99	-26	-507	-46
S2	6336	4.02	6478	6489	6042
S3	15013	2.42	16200	15430	15033
S4	30133	1.3	30470	29704	30226
S5	149734	0.89	150720	148217	150267
S6	298943	0.33	298640	298133	300058

New cal coefficients stored

Line	Conc.	Units	SD/RSD	1	2	3	4	5	-

*** Check Standard: 2 Ck2 Seq: 666 09:49:08 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.0	4.85	5.00	ppb	.000

*** Check Standard: 3 Ck3 Seq: 667 09:51:40 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-27.9	-.028	.100	ppb	.000

*** Check Standard: 4 Ck4 Seq: 668 09:54:10 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		99.6	.199	.200	ppb	.000

*** Check Standard: 5 Ck5 Seq: 669 09:56:40 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		96.7	4.83	5.00	ppb	.000

*** Check Standard: 6 Ck6 Seq: 670 09:59:14 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-28.4	-.028	.100	ppb	.000

*** Sample ID: S IDL 1 Seq: 671 10:07:31 16 Jan 2003 HG

Hg .100 ppb .000 .100

*** Sample ID: S IDL 2 Seq: 672 10:09:59 16 Jan 2003 HG

Hg .093 ppb .000 .093

*** Sample ID: S IDL 3 Seq: 673 10:12:27 16 Jan 2003 HG

Hg .093 ppb .000 .093

*** Sample ID: S IDL 4 Seq: 674 10:14:55 16 Jan 2003 HG

Hg .097 ppb .000 .097

*** Sample ID: S IDL 5 Seq: 675 10:17:23 16 Jan 2003 HG

Hg .098 ppb .000 .098

*** Sample ID: S IDL 6 Seq: 676 10:19:51 16 Jan 2003 HG

Hg .090 ppb .000 .090

*** Sample ID: S IDL 7 Seq: 677 10:22:21 16 Jan 2003 HG

Hg .082 ppb .000 .082

Line	Conc.	Units	SD/RSD	1	2	3	4	5	-

*** Sample ID: BPBLK58767 Seq: 678 10:24:49 16 Jan 2003 HG

Hg	-.008	ppb	.000	-.008

*** Sample ID: LCBK58767 Seq: 679 10:27:17 16 Jan 2003 HG

Hg	.997	ppb	.000	.997

*** Sample ID: S 30103701 Seq: 680 10:29:46 16 Jan 2003 HG

Hg	-.016	ppb	.000	-.016

*** Check Standard: 5 Ck5 Seq: 681 10:32:16 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		98.7	4.93	5.00	ppb	.000

*** Check Standard: 6 Ck6 Seq: 682 10:34:48 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-28.9	-.029	.100	ppb	.000

*** Sample ID: S 30103702 Seq: 683 10:37:19 16 Jan 2003 HG

Hg	-.013	ppb	.000	-.013

*** Sample ID: S 30103703 Seq: 684 10:39:47 16 Jan 2003 HG

Hg	.032	ppb	.000	.032

*** Sample ID: S 30103704 Seq: 685 10:42:14 16 Jan 2003 HG

Hg	-.007	ppb	.000	-.007

*** Sample ID: S 30103705 Seq: 686 10:44:41 16 Jan 2003 HG

Hg	.050	ppb	.000	.050

*** Sample ID: D 30103705 Seq: 687 10:47:09 16 Jan 2003 HG

Hg	.031	ppb	.000	.032

*** Sample ID: SP30103705 Seq: 688 10:49:37 16 Jan 2003 HG

Hg	1.01	ppb	.000	1.01

*** Sample ID: S 30103706 Seq: 689 10:52:05 16 Jan 2003 HG

Hg	-.014	ppb	.000	-.014

Line	Conc.	Units	SD/RSD	1	2	3	4	5	—

*** Sample ID: S 30104801 Seq: 690 10:54:33 16 Jan 2003 HG

Hg .062 ppb .000 .062

*** Sample ID: S 30104802 Seq: 691 10:57:01 16 Jan 2003 HG

Hg -.020 ppb .000 -.020

*** Sample ID: S CRA Seq: 692 10:59:29 16 Jan 2003 HG
0.20 PPB CRQL

Hg .194 ppb .000 .194

*** Check Standard: 5 Ck5 Seq: 693 11:01:58 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		97.0	4.85	5.00	ppb	.000

*** Check Standard: 6 Ck6 Seq: 694 11:04:35 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-29.0	-.029	.100	ppb	.000

*** Sample ID: S 30104803 Seq: 695 11:07:05 16 Jan 2003 HG

Hg -.003 ppb .000 -.003

*** Sample ID: S 30104804 Seq: 696 11:09:34 16 Jan 2003 HG

Hg .028 ppb .000 .028

*** Sample ID: BPBLK58766 Seq: 697 11:12:03 16 Jan 2003 HG

Hg -.014 ppb .000 -.014

*** Sample ID: LCBKS58766 Seq: 698 11:14:33 16 Jan 2003 HG

Hg 1.02 ppb .000 1.02

*** Sample ID: S 30103801 Seq: 699 11:17:02 16 Jan 2003 HG

Hg .000 ppb .000 .000

*** Sample ID: S 30103802 Seq: 700 11:19:31 16 Jan 2003 HG

Hg -.008 ppb .000 -.008

*** Sample ID: S 30103803 Seq: 701 11:22:01 16 Jan 2003 HG

Hg -.005 ppb .000 -.005

Line	Conc.	Units	SD/RSD	1	2	3	4	5	

*** Sample ID: D 30103803 Seq: 702 11:24:30 16 Jan 2003 HG

Hg	.003	ppb	.000	.003

*** Sample ID: SP30103803 Seq: 703 11:26:59 16 Jan 2003 HG

Hg	1.02	ppb	.000	1.02

*** Sample ID: S 30103804 Seq: 704 11:29:29 16 Jan 2003 HG

Hg	-.017	ppb	.000	-.017

*** Check Standard: 5 Ck5 Seq: 705 11:31:59 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		100.	5.00	5.00	ppb	.000

*** Check Standard: 6 Ck6 Seq: 706 11:34:35 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-19.8	-.020	.100	ppb	.000

*** Sample ID: S 30103805 Seq: 707 11:37:06 16 Jan 2003 HG

Hg	-.001	ppb	.000	-.001

*** Sample ID: S 30104206 Seq: 708 11:39:36 16 Jan 2003 HG

Hg	.001	ppb	.000	.001

*** Sample ID: S 30104301 Seq: 709 11:42:05 16 Jan 2003 HG

Hg	.002	ppb	.000	.002

*** Sample ID: S 30104302 Seq: 710 11:44:36 16 Jan 2003 HG

Hg	-.001	ppb	.000	-.001

*** Sample ID: S 30104303 Seq: 711 11:47:07 16 Jan 2003 HG

Hg	.012	ppb	.000	.012

*** Sample ID: S 30104304 Seq: 712 11:49:37 16 Jan 2003 HG

Hg	-.000	ppb	.000	-.000

*** Sample ID: S 30104501 Seq: 713 11:52:08 16 Jan 2003 HG

Hg	-.005	ppb	.000	-.005

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: S 30104502 Seq: 714 11:54:39 16 Jan 2003 HG

Hg	-.008	ppb	.000	-.008

*** Sample ID: S CRA Seq: 715 11:57:10 16 Jan 2003 HG

0.20 PPB CRGL

Hg	.210	ppb	.000	.210

*** Check Standard: S CkS Seq: 716 11:59:41 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg		101.	5.07	5.00	ppb	.000

*** Check Standard: S CkS Seq: 717 12:02:15 16 Jan 2003 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD
Hg	L	-21.8	-.022	.100	ppb	.000

d
d

GPL Laboratories, LLLP *Document Control No: GP_M_105*

Metals Preparation & Sample Description Log

Date: 01-22-03 Prep: 200.7 / 3005A / 3020A / 3050B / 3010A / ILC03.1 / ILM04.1 / ILM05.2 Batch No: 105 117

Analyst: MSS Comments: HOT PLATE DIGESTION (Water)

Reviewed by: [illegible] Date: 1-30-03 Spike Witness: RA Prep. Seq: 58876

	GPL Work Order No.	Sample	Frac	SIZE (mL) (g)	Final Vol. (mL)	Matrix S, W Other	Color Before	Color After	Clarity Before or Soil Texture	Clarity After Clear, Cloudy, Opaque	Soil Artifacts or Water pH
							R, Bl, Y, G, O, V, W, Colorless, Br, Grey, Bk.				
1	BLK	117		100	100	Water	Colorless	colorless	clear	clear	<2
2	BKS	117									
3	301043	001	-023-½								
4		DUP									
5		SPK									
6		002	-024-½								
7		003	-025-½								
8		004	-026-½								
9	301078	001	-027-½								
10		002	-028-½				Yellow				
11		003	-029-½				Brown				
12		004	-030-½				Yellow				
13		005	-031-½				Colorless				
14	301038	001	-028-½				Yellow				
15		002	-029-½								
16		003	-030-½								
17		004	-031-½								
18		005	-032-½								
19	301078	001	-038-½								
20		002	-039-½								
21		003	-040-½								
22		004	-041-½								
23		005	-042-½								
24				MSS 01-22-03						MSS 01-22-03	

LCS ID / Amt. Added (ml , g): 0.1 ml (17654, 17656, 17657)	HNO3(1+1) ID: –
Spiking ID / Amt Added (ml): 0.1 ml (17654, 17656, 17657)	HNO3(conc) ID: GP-057-07-02
	HCl(conc) ID: –
Temperature, C: 94°C	HCl(1+1) ID: GP-057-140-06
	Peroxide ID: –

4126

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.1 / ILC03.1 Batch No: 88- 1 of 2

Digestion Date: 01-15-2003 Analyst: KC

Reviewed By / Date: 1/10 1-30-03

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		S 0.0	Water	100	100	—	15
		S 0.2				0.2	
		S 0.5				0.5	
		S 1.0				1.0	
		S 5.0				5.0	
		S 10.0				10.0	
		ICV				15.0	
		ICB				—	
		CRA				0.2	
		BLK 58766				—	
		BKS 58766				1.0	
301038-01	028-1/1					—	
02	029-1/1					—	
03	030-1/1					—	
		DUP				—	
		SPK				1.0	
04	031-1/1					—	
05	032-1/1					—	
301042-06	037-1/1					—	
301043-01	023-					—	
02	024-					—	
03	025-					—	
04	026-					—	
301045-01	011-					—	
02	012-1/1		Water	100	100	—	15
		15-Jan-2003					

50% Aqua regia:

HNO3: GP-057-006-14

H2SO4: 007-01

KMnO4: 138-03

K2S2O8: 141-02

NH2OH*HCl: 135-08

Comments:

Spiking Solution Conc: 0.1 PPM Hg

Std/CRA/LCW/Spk: 21239

(2nd source) ICV: 21140

H2O Bath Temp: 95°C In Time: 13:25

H2O Bath Temp: 95°C Out Time: 15:25

H2O Bath Temp: In Time:

H2O Bath Temp: Out Time:

Mercury Digestion Log

Method: 7470A / 7471A / 245.1 / ILM04.1 / ILM05.1 / ILC03.1 Batch No: 88- 2 of 2

Digestion Date: 01-15-2003 Analyst: KC

Reviewed By / Date: 1-30-03

GPL Workorder	Frac	Client ID	Matrix	SIZE mL / g	VOL (mL)	Spk.A. (mL)	KMnO4 (mL)
		Blk 58767	Water	100	100	–	15
		BKS 58767				1.0	
301037-01	012-1/1					–	
02	018-1/1					–	
03	013-1/1					–	
04	019-1/1					–	
05	014-1/1					–	
		DUP				–	
		SPK				1.0	
06	020-1/1					–	
301048-01	009-1/1					–	
02	013-1/1					–	
03	010-1/1					–	
04	014-1/1					–	
		IDL-1				0.1	
		IDL-2				0.1	
		IDL-3				0.1	
		IDL-4				0.1	
		IDL-5				0.1	
		IDL-6				0.1	
		IDL-7	Water	100	100	0.1	15

KC 15-Jan-2003

50% Aqua regia:		Spiking Solution Conc:	0.1 PPM Hg
HNO3:	GP-057-006-14	Std/CRA/LCW/Spk:	21239
H2SO4:	007-01	(2nd source) ICV:	21140
KMnO4:	138-03	H2O Bath Temp: 95°C	In Time: 13:25
K2S2O8:	141-02	H2O Bath Temp: 95°C	Out Time: 15:25
NH2OH*HCl:	135-08	H2O Bath Temp:	In Time:
Comments:		H2O Bath Temp:	Out Time:

CTO 265
SDG 301043
MISC

ANALYSIS DATA PACKAGE

GENERAL CHEMISTRY

A. QC Summary

B. Sample Data

C. Standards Data

D. Raw QC Data

GPL Laboratories, LLLP

5000

A. QC Summary

1. **Matrix Spike/ Matrix Spike Duplicate Summary**

2. **Laboratory Control Standard Summary** (where applicable)

GPL Laboratories, LLLP

Form 3 MD/MS

WATER GENERAL CHEMISTRY DUPLICATE/MATRIX SPIKE RECOVERY

Lab Name: GPL Laboratories, LLLC Client: Tetra Tech NUS Inc.

GPL Work-Order: 301043

Analyte	Method	Sample ID	Sample Conc. (mg/L)	Duplicate Conc. (mg/L)	RPD	RPD Limit
Total Cyanide	E335.2	NAS 41 6-01	BQL	BQL	N/C	15%
Total Phenolics	E420.1	301014*	BQL	BQL	N/C	15%
Sulfide	E376.1	301045*	BQL	BQL	N/C	15%

%RPD - 0 out of 3 outside control limits
*Indicates shared QC

Analyte	Method	Sample ID	Sample Conc. (mg/L)	MS Conc. (mg/L)	Spike Added (mg/L)	MS % Recov.	MS Recovery Limits
Total Cyanide	E335.2	NAS 41 6-01	0	0.097	0.100	97.2	85 - 115%
Total Phenolics	E420.1	301028*	0	0.061	0.060	101	85 - 115%

% Recovery - 0 out of 1 outside control limits

Form 3 - LCS

WATER GENERAL CHEMISTRY LABORATORY CONTROL SAMPLE RECOVERY

Lab Name: GPL Laboratories, LLLC

Client: Tetra Tech NUS, Inc.

GPL Work-Order: 301043

Analyte	QC ID	LCS True Value (mg/L)	LCS Concentration (mg/L)	LCS %Recovery	Recovery Control Limits
Total Cyanide	#19711	0.312	0.312	100	85 - 115%
Total Phenolics	#19527	0.65	0.562	86.5	85 - 115%

Recovery - 0 out of 2 outside Control Limits

B. Sample Data

GPL Laboratories, LLLP

	Description	A	Sample ID	Sf	Method	Results	RL Raw	R	Raw	Multiple	Report	Raw	nrinal	Sort	spk	%	Raw Final
1								☐									
2								☐									
3								☐									
4	Cyanide, Total	AN	CCV3	CCV /	E335.2	0.36	0.0050	☑	0.0721	.00000000	MGL	MGL	0.3600	0	0.3590	0.00	0.3605
5	Cyanide, Total	AN	CCB3	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
6	Cyanide, Total	AN	BLK1501	BLK /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
7	Cyanide, Total	AN	BKS1501	BKS /	E335.2	0.31	0.0050	☑	0.1558	.00000000	MGL	MGL	0.3100	0	0.3120	0.00	0.3116
8	Cyanide, Total	AN	301038-001-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
9	Cyanide, Total	AN	301038-002-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
10	Cyanide, Total	AN	CCV4	CCV /	E335.2	0.36	0.0050	☑	0.0713	.00000000	MGL	MGL	0.3600	0	0.3590	0.00	0.3565
11	Cyanide, Total	AN	CCB4	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
12	Cyanide, Total	AN	301038-003-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
13	Cyanide, Total	AN	301038-004-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
14	Cyanide, Total	AN	301038-005-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
15	Cyanide, Total	AN	301043-001-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
16	Cyanide, Total	AN	301043-002-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
17	Cyanide, Total	AN	301043-003-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
18	Cyanide, Total	AN	301043-004-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
19	Cyanide, Total	AN	301043-006-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
20	Cyanide, Total	AN	301043-006-0	MD /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
21	Cyanide, Total	AN	301043-006-0	MS /	E335.2	0.10	0.0050	☑	0.0972	.00000000	MGL	MGL	0.1000	0	0.1000	0.00	0.0972
22	Cyanide, Total	AN	CCV5	CCV /	E335.2	0.36	0.0050	☑	0.0713	.00000000	MGL	MGL	0.3600	0	0.3590	0.00	0.3565
23	Cyanide, Total	AN	CCB5	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
24	Cyanide, Total	AN	301045-001-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
25	Cyanide, Total	AN	301045-002-0	SMP /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
26	Cyanide, Total	AN	CCV6	CCV /	E335.2	0.34	0.0050	☑	0.0679	.00000000	MGL	MGL	0.3400	0	0.3590	0.00	0.3395
27	Cyanide, Total	AN	CCB6	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
28	Cyanide, Total	AN	BLK1502	BLK /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
29	Cyanide, Total	AN	BKS1502	BKS /	E335.2	0.31	0.0050	☑	0.1550	.00000000	MGL	MGL	0.3100	0	0.3150		0.3100
30	Cyanide, Total	AN	CCV7	CCV /	E335.2	0.36	0.0050	☑	0.0721	.00000000	MGL	MGL	0.3600	0	0.3590	0.00	0.3605
31	Cyanide, Total	AN	CCB7	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
32	Cyanide, Total	AN	301050-011-0	SMP /	E335.2	0	0.0050	☑	0.0043	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0043
33	Cyanide, Total	AN	301050-012-0	SMP /	E335.2	0.01	0.0050	☑	0.0077	.00000000	MGL	MGL	0.0100	0	0.0000	0.00	0.0077
34	Cyanide, Total	AN	301050-012-0	MD /	E335.2	0.01	0.0050	☑	0.0077	.00000000	MGL	MGL	0.0100	0	0.0000	0.00	0.0077
35	Cyanide, Total	AN	301050-012-0	MS /	E335.2	0.11	0.0050	☑	0.1098	.00000000	MGL	MGL	0.1100	0	0.1000	-10.00	0.1098
36	Cyanide, Total	AN	301050-013-0	SMP /	E335.2	0.03	0.0050	☑	0.0261	.00000000	MGL	MGL	0.0300	0	0.0000	0.00	0.0261
37	Cyanide, Total	AN	301050-014-0	SMP /	E335.2	0.02	0.0050	☑	0.0227	.00000000	MGL	MGL	0.0200	0	0.0000	0.00	0.0227
38	Cyanide, Total	AN	301050-015-0	SMP /	E335.2	0.02	0.0050	☑	0.0169	.00000000	MGL	MGL	0.0200	0	0.0000	0.00	0.0169
39	Cyanide, Total	AN	CCV8	CCV /	E335.2	0.36	0.0050	☑	0.0712	.00000000	MGL	MGL	0.3600	0	0.3590	0.00	0.3560
40	Cyanide, Total	AN	CCB8	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010
41	Cyanide, Total	AN	301050-016-0	SMP /	E335.2	0.02	0.0050	☑	0.0160	.00000000	MGL	MGL	0.0200	0	0.0000	0.00	0.0160
42	Cyanide, Total	AN	301050-017-0	SMP /	E335.2	0.01	0.0050	☑	0.0110	.00000000	MGL	MGL	0.0100	0	0.0000	0.00	0.0110
43	Cyanide, Total	AN	301050-018-0	SMP /	E335.2	0.02	0.0050	☑	0.0152	.00000000	MGL	MGL	0.0200	0	0.0000	0.00	0.0152
44	Cyanide, Total	AN	CCV9	CCV /	E335.2	0.35	0.0050	☑	0.0705	.00000000	MGL	MGL	0.3500	0	0.3590	0.00	0.3525
45	Cyanide, Total	AN	CCB9	CCB /	E335.2	0	0.0050	☑	0.0010	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0010

	Description	R	Run Date/Time	Freq	V	Rpd	Rpd	R	Mul	S	Retention	LCL	UCL	Mois	Final	Final MDL	Valid.Comments	Anal	Prep
1																			
2																			
3																			
4	Cyanide, Total	AN	CCV3			0	15		0.0050			85	115		0.030	0.03000		5.000	
5	Cyanide, Total	AN	CCB3	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
6	Cyanide, Total	AN	BLK1501	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
7	Cyanide, Total	AN	BKS1501			0	15		0.0050			85	115		0.010	0.01000		2.000	
8	Cyanide, Total	AN	301038-001-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
9	Cyanide, Total	AN	301038-002-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
10	Cyanide, Total	AN	CCV4			0	15		0.0050			85	115		0.030	0.03000		5.000	
11	Cyanide, Total	AN	CCB4	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
12	Cyanide, Total	AN	301038-003-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
13	Cyanide, Total	AN	301038-004-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
14	Cyanide, Total	AN	301038-005-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
15	Cyanide, Total	AN	301043-001-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
16	Cyanide, Total	AN	301043-002-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
17	Cyanide, Total	AN	301043-003-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
18	Cyanide, Total	AN	301043-004-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
19	Cyanide, Total	AN	301043-006-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
20	Cyanide, Total	AN	301043-006-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
21	Cyanide, Total	AN	301043-006-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
22	Cyanide, Total	AN	CCV5			0	15		0.0050			85	115		0.030	0.03000		5.000	
23	Cyanide, Total	AN	CCB5	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
24	Cyanide, Total	AN	301045-001-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
25	Cyanide, Total	AN	301045-002-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
26	Cyanide, Total	AN	CCV6			0	15		0.0050			85	115		0.030	0.03000		5.000	
27	Cyanide, Total	AN	CCB6	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
28	Cyanide, Total	AN	BLK1502	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
29	Cyanide, Total	AN	BKS1502			0	15		0.0050			85	115		0.010	0.01000		2.000	
30	Cyanide, Total	AN	CCV7			0	15		0.0050			85	115		0.030	0.03000		5.000	
31	Cyanide, Total	AN	CCB7	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
32	Cyanide, Total	AN	301050-011-0	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
33	Cyanide, Total	AN	301050-012-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
34	Cyanide, Total	AN	301050-012-0			200	15		0.0050			85	115		0.010	0.01000		1.000	
35	Cyanide, Total	AN	301050-012-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
36	Cyanide, Total	AN	301050-013-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
37	Cyanide, Total	AN	301050-014-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
38	Cyanide, Total	AN	301050-015-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
39	Cyanide, Total	AN	CCV8			0	15		0.0050			85	115		0.030	0.03000		5.000	
40	Cyanide, Total	AN	CCB8	U		0	15		0.0050			85	115		0.010	0.01000		1.000	
41	Cyanide, Total	AN	301050-016-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
42	Cyanide, Total	AN	301050-017-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
43	Cyanide, Total	AN	301050-018-0			0	15		0.0050			85	115		0.010	0.01000		1.000	
44	Cyanide, Total	AN	CCV9			0	15		0.0050			85	115		0.030	0.03000		5.000	
45	Cyanide, Total	AN	CCB9	U		0	15		0.0050			85	115		0.010	0.01000		1.000	

GPL Laboratories, LLLP

Document Control No: GP_W_203

Method Title:Cyanide , Colorimetric,Manual Distillation
Method: ILMO5.1 / ILMO4.1 / ILCO3.1 / 335.2 / 9014
Test Code:_____

Analyst: dt
Date / Time: 1-16-03
Reviewed by / Date: CMTD

W.O. #	Frac.	Client ID	Sample Volume (ml)	Dil	Abs.	Conc. (mg/L)	H2O Results ug/L	Soil Results mg/Kg if applicable	CL Check
301021	003		25	1	0.000	0.0010	<5.0	–	
	004			1	0.001	0.0018	<5.0	–	
dup	004			1	0.000	0.0010	<5.0	–	
4pk	004			1	0.050	0.0428	42.8	–	
	005			1	0.000	0.0010	<5.0	–	
ccv2		# 20421		5	0.085	0.0721	360.6	–	
ccb2		Blk		1	0.000	0.0010	<5.0	–	
301021	006			1	0.000	0.0010	<5.0	–	
	007			1	0.000	0.0010	<5.0	–	
PFA	1	(H_2O) 19711		1	0.176	0.1483	296.6	–	
	2	–		1	0.186	0.1567	313.4	–	
	3	–		1	0.188	0.1584	316.7	–	
	4	–		1	0.178	0.1500	299.9	–	
PBW	1501	Prep Blk		1	0.000	0.0010	<5.0	–	
LCS W	1501	#19711		1	0.185	0.1558	311.7	–	
301038	001			1	0.000	0.0010	<5.0	–	
	002			1	0.000	0.0010	<5.0	–	
ccv4		# 20421	25	5	0.084	0.0713	356.5	–	
ccb4		Blk		1	0.000	0.0010	<5.0	–	
301038	003			1	0.000	0.0010	<5.0	–	
	004			1	0.000	0.0010	<5.0	–	
	005			1	0.000	0.0010	<5.0	–	
301043	001			1	0.000	0.0010	<5.0	–	
	002			1	0.000	0.0010	<5.0	–	
	003			1	0.000	0.0010	<5.0	–	
	004			1	0.000	0.0010	<5.0	–	
	006		25	1	0.000	0.0010	<5.0	–	

GPL Laboratories, LLLP

Document Control No: GP_W_203

Method Title:Cyanide , Colorimetric,Manual Distillation
Method: ILMO5.1 / ILMO4.1 / ILCO3.1 / 335.2 / 9014
Test Code:_____

Analyst: dt
Date / Time: 1-16-03
Reviewed by / Date: CL 1/20

W.O. #	Frac.	Client ID	Sample Volume (ml)	Dil	Abs.	Conc. (mg/L)	H2O Results ug/L	Soil Results mg/Kg if applicable	CL Check
301043 dup	006		25	1	0.000	0.0010	<5.0	–	
cpl	006			1	0.115	0.0972	97.2	–	
CCV5		# 20421		5	0.084	0.0713	356.5	–	
CCB5		RLK		1	0.000	0.0010	<5.0	–	
301045	001			1	0.000	0.0010	<5.0	–	
	002			1	0.000	0.0010	<5.0	–	
CRA		# 19046		1	0.005	0.0052	5.2	–	
PBW	1498	Pup RLK		1	0.000	0.0010	<5.0	–	
LCSW	1498	# 19711		1	0.180	0.1517	303.3	–	
IW	1498	# 20421		1	0.086	0.0730	364.8	–	
301037	001			1	0.000	0.0010	<5.0	–	
	003			1	0.001	0.0018	<5.0	–	
	005			1	0.001	0.0018	<5.0	–	
301039	001			1	0.000	0.0010	<5.0	✓	
CCV6		# 20421		5	0.080	0.0679	339.7	–	
CCB6		RLK		1	0.000	0.0010	<5.0	–	
301039 dup	001			1	0.000	0.0010	<5.0	–	
cpl	001			1	0.111	0.0939	93.9	–	
	006			1	0.000	0.0010	<5.0	–	
	007			1	0.000	0.0010	<5.0	–	
	009			1	0.000	0.0010	<5.0	–	
PBW	1502	Pup RLK		1	0.000	0.0010	<5.0	–	
LCSW	1502	# 19711		1	0.184	0.1550	310	–	
IW	1502	# 20421		1	0.086	0.0730	364.8	✓	
301048	001			1	0.000	0.0010	<5.0	–	
dup	001		↓	1	0.000	0.0010	<5.0	–	
CCV7	–	# 20421	25	5	0.085	0.0721	360.4	✓	

	Description	A	Sample Id	ST	Method	Results	RL Raw	R	Raw	Multiplie	Reporti	Raw	nFinal	Sort	spk	%	Raw Final
1								☐									
2								☐									
3								☐									
4	Phenolics, Total Recover	AN	301019-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
5	Phenolics, Total Recover	AN	CCV1	CCV /	E420.1	0.60	0.0050	☑	0.0598	.00000000	MGL	MGL	0.6000	0	0.6500	0.00	0.5980
6	Phenolics, Total Recover	AN	CCB1	CCB /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
7	Phenolics, Total Recover	AN	301019-002-0	SMP /	E420.1	0	0.0050	☑	0.0002	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0002
8	Phenolics, Total Recover	AN	301019-003-0	SMP /	E420.1	0	0.0050	☑	0.0005	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0005
9	Phenolics, Total Recover	AN	ICV	ICV /	E420.1	0.56	0.0050	☑	0.0562	.00000000	MGL	MGL	0.5600	0	0.6500	0.00	0.5620
10	Phenolics, Total Recover	AN	ICB	ICB /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
11	Phenolics, Total Recover	AN	BLK59014	BLK /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
12	Phenolics, Total Recover	AN	BKS59014	BKS /	E420.1	0.56	0.0050	☑	0.0562	.00000000	MGL	MGL	0.5600	0	0.6500	0.00	0.5620
13	Phenolics, Total Recover	AN	301014-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
14	Phenolics, Total Recover	AN	301014-001-0	MD /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
15	Phenolics, Total Recover	AN	301014-001-0	MS /	E420.1	0.06	0.0050	☑	0.0607	.00000000	MGL	MGL	0.0600	0	0.0600	0.00	0.0607
16	Phenolics, Total Recover	AN	301014-002-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
17	Phenolics, Total Recover	AN	301014-003-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
18	Phenolics, Total Recover	AN	301014-004-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
19	Phenolics, Total Recover	AN	301014-005-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
20	Phenolics, Total Recover	AN	301019-004-0	SMP /	E420.1	0	0.0050	☑	0.0002	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0002
21	Phenolics, Total Recover	AN	301019-005-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
22	Phenolics, Total Recover	AN	301019-006-0	SMP /	E420.1	0	0.0050	☑	0.0005	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0005
23	Phenolics, Total Recover	AN	301019-007-0	SMP /	E420.1	0	0.0050	☑	0.0002	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0002
24	Phenolics, Total Recover	AN	301045-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
25	Phenolics, Total Recover	AN	301045-002-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
26	Phenolics, Total Recover	AN	301043-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
27	Phenolics, Total Recover	AN	301043-002-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
28	Phenolics, Total Recover	AN	CCV2	CCV /	E420.1	0.60	0.0050	☑	0.0595	.00000000	MGL	MGL	0.6000	0	0.6500	0.00	0.5950
29	Phenolics, Total Recover	AN	CCB2	CCB /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
30	Phenolics, Total Recover	AN	301043-003-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
31	Phenolics, Total Recover	AN	301043-004-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
32	Phenolics, Total Recover	AN	BLK59015	BLK /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
33	Phenolics, Total Recover	AN	BKS59015	BKS /	E420.1	0.61	0.0050	☑	0.0607	.00000000	MGL	MGL	0.6100	0	0.6500		0.6070
34	Phenolics, Total Recover	AN	301028-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
35	Phenolics, Total Recover	AN	301028-001-0	MD /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
36	Phenolics, Total Recover	AN	301028-001-0	MS /	E420.1	0.06	0.0050	☑	0.0613	.00000000	MGL	MGL	0.0600	0	0.0600	0.00	0.0613
37	Phenolics, Total Recover	AN	301028-002-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
38	Phenolics, Total Recover	AN	301028-003-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
39	Phenolics, Total Recover	AN	301028-004-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
40	Phenolics, Total Recover	AN	301028-005-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
41	Phenolics, Total Recover	AN	CCV3	CCV /	E420.1	0.60	0.0050	☑	0.0601	.00000000	MGL	MGL	0.6000	0	0.6500	0.00	0.6010
42	Phenolics, Total Recover	AN	CCB3	CCB /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
43	Phenolics, Total Recover	AN	301038-001-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
44	Phenolics, Total Recover	AN	301038-002-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
45	Phenolics, Total Recover	AN	301038-003-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
46	Phenolics, Total Recover	AN	301038-004-0	SMP /	E420.1	0	0.0050	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000

	Description	A	Sample Id	Flag	V	Rpd	Rpd	N	mdl	S	Retention	LCL	UCL	Mois	Final	Final MDL	Valid Comments	Anal
1																		
2																		
3																		
4	Phenolics, Total Recover	AN	301019-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
5	Phenolics, Total Recover	AN	CCV1			0	15		0.0050	K		85	115		0.050	0.05000		10.000
6	Phenolics, Total Recover	AN	CCB1	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
7	Phenolics, Total Recover	AN	301019-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
8	Phenolics, Total Recover	AN	301019-003-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
9	Phenolics, Total Recover	AN	ICV			0	15		0.0050	K		85	115		0.050	0.05000		10.000
10	Phenolics, Total Recover	AN	ICB	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
11	Phenolics, Total Recover	AN	BLK59014	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
12	Phenolics, Total Recover	AN	BKS59014			0	15		0.0050	K		85	115		0.050	0.05000		10.000
13	Phenolics, Total Recover	AN	301014-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
14	Phenolics, Total Recover	AN	301014-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
15	Phenolics, Total Recover	AN	301014-001-0			0	15		0.0050	K		85	115		0.010	0.01000		1.000
16	Phenolics, Total Recover	AN	301014-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
17	Phenolics, Total Recover	AN	301014-003-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
18	Phenolics, Total Recover	AN	301014-004-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
19	Phenolics, Total Recover	AN	301014-005-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
20	Phenolics, Total Recover	AN	301019-004-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
21	Phenolics, Total Recover	AN	301019-005-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
22	Phenolics, Total Recover	AN	301019-006-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
23	Phenolics, Total Recover	AN	301019-007-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
24	Phenolics, Total Recover	AN	301045-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
25	Phenolics, Total Recover	AN	301045-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
26	Phenolics, Total Recover	AN	301043-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
27	Phenolics, Total Recover	AN	301043-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
28	Phenolics, Total Recover	AN	CCV2			0	15		0.0050	K		85	115		0.050	0.05000		10.000
29	Phenolics, Total Recover	AN	CCB2	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
30	Phenolics, Total Recover	AN	301043-003-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
31	Phenolics, Total Recover	AN	301043-004-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
32	Phenolics, Total Recover	AN	BLK59015	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
33	Phenolics, Total Recover	AN	BKS59015			0	15		0.0050	K		85	115		0.050	0.05000		10.000
34	Phenolics, Total Recover	AN	301028-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
35	Phenolics, Total Recover	AN	301028-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
36	Phenolics, Total Recover	AN	301028-001-0			0	15		0.0050	K		85	115		0.010	0.01000		1.000
37	Phenolics, Total Recover	AN	301028-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
38	Phenolics, Total Recover	AN	301028-003-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
39	Phenolics, Total Recover	AN	301028-004-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
40	Phenolics, Total Recover	AN	301028-005-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
41	Phenolics, Total Recover	AN	CCV3			0	15		0.0050	K		85	115		0.050	0.05000		10.000
42	Phenolics, Total Recover	AN	CCB3	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
43	Phenolics, Total Recover	AN	301038-001-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
44	Phenolics, Total Recover	AN	301038-002-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
45	Phenolics, Total Recover	AN	301038-003-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000
46	Phenolics, Total Recover	AN	301038-004-0	U		0	15		0.0050	K		85	115		0.010	0.01000		1.000

Method Title: Phenolics, Spectrophotometric, Manual 4-AAP with distillation

Method Reference: MCAWW420.1 / SW846 9065

Analyst: SS

Date: 01-31-03 - 8:00

Sequence # 58863

Reviewed by/Date: 2-3-03

Raw Data

WO #	Frac	Sample Vol. (ml)	Dil.	Absorb.	Conc. (ug/L)	Final Results (mg/L)	Final Results (mg/Kg)
ICV/LCS	# 19527	12.5 ml	10	0.189	N/A	0.562	N/A
ICB/PB	Pre PBlank	12.5 ml	1	0.000		~~<0.02~~ <0.005	
PB 59014	Blank	12.5 ml	1	0.000		<0.02	
LCS 59014	# 19527	12.5 ml	10	0.189		0.562	
301014 001		12.5 ml	1	0.000		<0.02	
dup 001		12.5 ml	1	0.000		<0.02	
SPK 001		12.5 ml	1	0.204		0.0607	
002		12.5 ml	1	0.000		<0.02	
003		12.5 ml	1	-0.000		<0.02	
004		12.5 ml	1	-0.001		<0.02	
005		12.5 ml	1	-0.002		<0.02	
301019 001		12.5 ml	1	0.000		<0.02	
CCV1/LCS	# 19527	12.5 ml	10	0.201		0.598	
CCB1/PB	Prep Blank	12.5 ml	1	0.000		<0.02	
301019 002		12.5 ml	1	0.001		<0.02	
003		12.5 ml	1	0.002		<0.02	
004		12.5 ml	1	0.001		<0.02	
005		12.5 ml	1	-0.000		<0.02	
006		12.5 ml	1	0.002		<0.02	
007		12.5 ml	1	0.001		<0.02	
301045 001		12.5 ml	1	0.000		<0.02	
002		12.5 ml	1	-0.001		<0.02	
301043 001		12.5 ml	1	-0.000		<0.02	
002		12.5 ml	1	0.000		<0.02	
CCV2/LCS	# 19527	12.5 ml	10	0.200	N/A	0.595	N/A

*Reporting limit 5 ug/L 2-3-03

Calculation:

1. Prepare a standard curve by plotting the absorbance value of standards versus the corresponding phenol concentrations.
2. Obtain concentration value of samples directly from standard curve.
   Final Results = Dilution Faactor x concentration (if not detected report <___)

Method Title: Phenolics, Spectrophotometric, Manual 4-AAP with distillation

Method Reference: MCAWW420.1 / SW846 9065

Analyst: SS

Date: 01-31-03 SS 8:00

Sequence # 58843

Reviewed by/Date: CL-303

Raw Data

WO #	Frac	Sample Vol. Ml	Dil.	Absorb.	Conc. (ug/L)	Final Results (mg/L)	Final Results (mg/Kg)
ICB/PB	prep Blk	12.5 ml	1	0.000	N/A	* <0.02	N/A
~~301043 003~~		~~12.5 ml~~	~~1~~	~~0.000~~		~~<0.02~~	~~N/A~~
301043 004		12.5 ml	1	0.000	N/A	<0.02	
PB 59015	Prep Blk	12.5 ml	1	0.000		<0.02	
LCS 59015	#19527	12.5 ml	10	0.204		0.607	
301028 001		12.5 ml	1	0.000		<0.02	
dup 001		12.5 ml	1	0.000		<0.02	
SPK 001		12.5 ml	1	0.206		0.06128	
002		12.5 ml	1	-0.001		<0.02	
003		12.5 ml	1	-0.002		<0.02	
004		12.5 ml	1	0.000		<0.02	
005		12.5 ml	1	-0.000		<0.02	
CCV3/LCS	# 19527	12.5 ml	10	0.202		0.601	
CCB3/LB	Blk	12.5 ml	1	0.000		<0.02	
301038 001		12.5 ml	1	0.000		<0.02	
002		12.5 ml	1	-0.001		<0.02	
003		12.5 ml	1	-0.002		<0.02	
004		12.5 ml	1	0.000		<0.02	
005		12.5 ml	1	0.000		<0.02	
CCV4/LCS	# 19527	12.5 ml	1	0.201		0.598	
CCB4/LB	Blk	12.5 ml	1	0.000	N/A	<0.02	N/A

01-31-03- 8:00 SS

* reporting limit 5 µg @ 2-303

Calculation:

1. Prepare a standard curve by plotting the absorbance value of standards versus the corresponding phenol concentrations.
2. Obtain concentration value of samples directly from standard curve.
   Final Results = Dilution Faactor x concentration (if not detected report <___)

	Description	A	Sample Id	ST	Method	Results	RL Raw	R	Raw	Multiplie	Reporti	Raw	nFinal	Sort	spk	%	Raw Final
1								☐									
2								☐									
3								☐									
4	Sulfide	AN	ICV	ICV /	E376.1	6.00	2.0000	☑	6.0000	.00000000	MGL	MGL	6.0000	0	6.1000	0.00	6.0000
5	Sulfide	AN	ICB	ICB /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
6	Sulfide	AN	301043-001-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
7	Sulfide	AN	301043-002-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
8	Sulfide	AN	301043-003-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
9	Sulfide	AN	301043-004-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
10	Sulfide	AN	301043-006-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
11	Sulfide	AN	301045-001-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
12	Sulfide	AN	301045-002-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
13	Sulfide	AN	301045-002-0	MD /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
14	Sulfide	AN	301050-007-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
15	Sulfide	AN	301050-008-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
16	Sulfide	AN	CCV1	CCV /	E376.1	6.00	2.0000	☑	6.0000	.00000000	MGL	MGL	6.0000	0	6.1000	0.00	6.0000
17	Sulfide	AN	CCB1	CCB /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
18	Sulfide	AN	301050-009-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
19	Sulfide	AN	301050-010-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
20	Sulfide	AN	301050-011-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
21	Sulfide	AN	301050-012-0	SMP /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000
22	Sulfide	AN	CCV2	CCV /	E376.1	6.00	2.0000	☑	6.0000	.00000000	MGL	MGL	6.0000	0	6.1000	0.00	6.0000
23	Sulfide	AN	CCB2	CCB /	E376.1	0	2.0000	☑	0.0000	.00000000	MGL	MGL	0.0000	0	0.0000	0.00	0.0000

	Description	A	Sample Id	Flag	V	Rpd	Rpd	N	mdl	S	Retention	LCL	UCL	Mois	Final	Final MDL	Valid.Comments	Anal	Prep
1																			
2																			
3																			
4	Sulfide	AN	ICV			0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
5	Sulfide	AN	ICB	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
6	Sulfide	AN	301043-001-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
7	Sulfide	AN	301043-002-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
8	Sulfide	AN	301043-003-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
9	Sulfide	AN	301043-004-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
10	Sulfide	AN	301043-006-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
11	Sulfide	AN	301045-001-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
12	Sulfide	AN	301045-002-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
13	Sulfide	AN	301045-002-0	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
14	Sulfide	AN	301050-007-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
15	Sulfide	AN	301050-008-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
16	Sulfide	AN	CCV1			0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
17	Sulfide	AN	CCB1	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
18	Sulfide	AN	301050-009-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
19	Sulfide	AN	301050-010-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
20	Sulfide	AN	301050-011-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
21	Sulfide	AN	301050-012-0	U		0	15		2.0000	☑		70	130		40.000	40.00000		20.000	
22	Sulfide	AN	CCV2			0	15		2.0000	☑		70	130		2.000	2.00000		1.000	
23	Sulfide	AN	CCB2	U		0	15		2.0000	☑		70	130		2.000	2.00000		1.000	

GPL Laboratories, LLLP

Document Control No: GP_W_181

Method Title: Sulfide (Titrimetric)
Method Reference: MCAWW 376.1 / 9031
Normality of Iodine (Avg. N): 0.0275
Detection Limit: <2.0mg/L

#58691

Analyst: RoS
Date / Time: 1-16-03 11:30 AM
Reviewed by/Date: [illegible]

ANALYSIS RAW DATA

Work Order	Frac.	Client ID	Sample Vol. (ml)	Iodine (ml)	Sodium Thiosulfate (ml)	Sulfide mg/L
ICV	–	#18840	0.2/20mL	5mL	5.20	6.0
ICB	–	Prep Blank	20mL	5mL	5.45	<2.0
301043	001	NAS-4-4-01	20mL	5mL	5.45	<2.0
	002	NAS 4-5R-01	20mL	5mL	5.45	<2.0
	003	NAS4-12D-01	20mL	5mL	5.45	<2.0
	004	ISDB-DUPOL01	20mL	5mL	5.45	<2.0
	006	NAS4-6-01	20mL	5mL	5.50	0 → <2.0
301045	001	PP-01FB	20mL	5mL	5.50	<2.0
	002	PP-01CB	20mL	5mL	5.50	<2.0
dup ↓	dup ↓	dup ↓	20mL	5mL	5.50	<2.0
* 301050	007		20mL	5mL	5.50	<40
* 301050	008	7	20mL	5mL	7.55	<40
CCV1	–	#18840	0.2/20mL	5mL	5.20	6.0
CCB1	–	Prep Blank	20mL	5mL	5.45	<2.0
* 301050	009	III A-SA6-1	20mL	5mL	6.70	<40
*	010	III A-SA6-2	20mL	5mL	7.15	<40
*	011	IV-SA6-1	20mL	5mL	9.60	<40
*	012	IV-SA6-2	20mL	5mL	10.00	<40
CCV2	–	#18840	0.2/20mL	5mL	5.20	6.0
CCB2	–	Prep Blank	20mL	5mL	5.50	<2.0
		R.S 1-16-03				

CALCULATION:

1. mg/L Sulfide = $\frac{[(AXB) - (CXD)] \times 16000}{\text{mL Sample}}$ (0.1375)

where:
A = ml Iodine ; B = Normality of iodine;
C = ml Na2S2O3 titrant; D = Normality of Na2S2O3

* H2O Final Results = Dilution Factor X Concentration

Soil Final Results = $\frac{\text{Dilution Factor x Concentration x extract volume}}{\text{wt. of sample x \% solids}}$

* only 1mL of samples has been taken; with 19mL of DI water. B/c when we add HCL; the sample becomes so dark. the acidity of samples are so hi

5015

C. Standard Data

1. Initial Calibration Data
2. Continuing Calibration Data

GPL Laboratories, LLLP

General Chemistry Form 2

CYANIDE CONTINUING CALIBRATION CHECK STANDARD RECOVERY

Lab Name: GPL Laboratories, LLLC

Client: Tetra Tech NUS Inc

Work-Order # 301043

STD Solution ID: #20421

Standard ID	Control Std True Value (ug/L)	Standard Concentration (ug/L)	Standard %Recovery	Recovery Control Limits
CCV3	359	361	101	90 - 110%

Standard ID	Control Std True Value (ug/L)	Standard Concentration (ug/L)	Standard %Recovery	Recovery Control Limits
CCV4	359	357	99.4	90 - 110%

Standard ID	Control Std True Value (ug/L)	Standard Concentration (ug/L)	Standard %Recovery	Recovery Control Limits
CCV5	359	357	99.4	90 - 110%

Method Title: Cyanide, (Colorimetric- Manual Distillation)
Method: ILMO5.1 / ILMO4.1 / ILCO3.1 / 335.2 / 9014

Analyst: dt
Date / Time: 1-16-03 8:00am
Reviewed By / Date: C 1/7/03
Sequence #1: #58582 SW9014
Sequence #2: #58586 CLP
Sequence #3: #58695 E335

Instrument/Apparatus: Milton Roy Spectronic 401

Calibration
A. Stock Standard ID: # 19044
B. Working Standard Solution = 0.5 mL of A / 50mL NaOH

Standard (ppm)	ML of 10ppm Working Std. Solution	Final Volume (ml)	Absorbance
0.000	0	25	0.000
0.005	0.0125	25	0.007
0.020	0.0500	25	0.025
0.050	0.1250	25	0.055
0.100	0.2500	25	0.115
0.150	0.3750	25	0.175
0.200	0.5000	25	0.242

Standard Serial Dilution performed by : dt Date: 1-16-03

QC Analysis
ICV/CCV ID#: # 20421
T.V.: 359 mg/L
Acceptance Range: 309 mg/L - 412 mg/L

Corr. Coef: (> 0.9950): 0.9994
y-intercept: 0.0010
Slope: 0.8372
Wavelength: 578 nm

Found Value:
ICV 373.2 mg/L CCV1 373.2 mg/L CCV2 360.6 mg/L
% Recovery:
ICV 104% CCV1 104% CCV2 100%

LCS Analysis: ID: # 19711 LCS ID: _____
T.V.#1: 312 mg/L #2: _____
F.V. #1: 300 mg/L #2: _____
R. #1: 96% #2: _____

Duplicate Analysis:
Dup Acceptance Range: 15%
Sample ID#1: 301028-001 /#2 _____
Sample Value#1: <5.0 mg/L /#2 _____
Dup Sample Value#1: <5.0 mg/L /#2 _____
RPD#1: 0 /#2 _____

Matrix Spikes Analysis Spike ID: # 19046
Spike Acceptance Range: 75% - 125%
Sample ID#1: 301028-002 /#2 _____
Sample Value#1: <5.0 mg/L /#2 _____
Spike Sample Value #1: 99.8 mg/L /#2 _____
Spike Amount#1: 99.9 mg/L /#2 _____
% Recovery#1: 99% /#2 _____

Comments:
Chloramine-T= # 19221 Buffer sol'n= # 21095 0.25N NaOH= # 20593
Pyridine/ Barbituric Acid sol'n= # 20845

Chloramine-T sol'n=1.00g Chloramine-T / 100 mL DI H2O(made new before analysis)

General Chemistry Form 2

TOTAL PHENOLICS CONTINUING CALIBRATION CHECK STANDARD RECOVERY

Lab Name: GPL Laboratories, LLLC

Client: Tetra Tech NUS Inc

Work-Order # 301043

STD Solution ID: #19527

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
ICV	0.65	0.562	86.5	85 - 115%

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
CCV1	0.65	0.598	92.0	85 - 115%

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
CCV2	0.65	0.595	91.5	85 - 115%

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
CCV3	0.65	0.601	92.5	85 - 115%

Method Title: Phenolics, Spectrophotometric, Manual 4-AAP with distillation

Method Reference: MCAWW 420.1 / SW846 9065
Sequence #: 58843

Analyst: SS
Date: ~~02-03-03~~ 01-31-03 8:00
Reviewed by/Date: CL 2/3/03

I. Instrument/Apparatus: _____

II. Calibration
A. 1000ppm Stock Solution = 1.0g Phenol/Liter
B. 10ppm Working Solution A = 10ml stock solution/Liter
C. 1ppm Working Solution B = 100ml working solution A/Liter

Standard ~~ug~~ mg/L	ml of Working Solution ~~B~~ C	Final Volume	Absorbance
~~0~~ 0	~~0~~	~~100ml~~ 250	0.000
~~50~~ 5	~~0.50~~ 1.25	~~100~~ml	0.009
~~100~~ 10	~~1.00~~ 2.5	~~100~~ml	0.035
~~200~~ 25	~~2.00~~ 6.25	~~100~~ml	0.089
~~500~~ 50	~~5.00~~ 12.5	~~100~~ml	0.177
~~1000~~ 100	~~10.00~~ 25	~~100~~ml	0.330

CL 2/3

Corr. Coefficient: 0.9987
y-Intercept: -0.1317
Slope: 298.1098
Wavelength: 460 nm

III. EPA QC Analysis
QC ID: # 19527
T.V.: 0.650 mg/L
95% C.I.: 0.56 - 0.74 mg/L

IV. Duplicate Analysis
Sample ID #1/#2: 301014-001 / 301028-001
Init. Samp. Val. #1/#2: <0.02 mg/L / <0.02 mg/L
Dup. Samp. Val. #1/#2: <0.02 mg/L / <0.02 mg/L
RPD #1/#2: 0 / 0

V. Matrix Spike Analysis
Sample ID #1/#2: 301014-001 / 301028-001
Sample Value #1/#2: <0.02 mg/L / <0.02 mg/L
Spike Sample Value #1/#2: 0.607 mg/L / 0.613 mg/L
Spike Amount: 0.06 mg/L 0.06 mg/L
% Recovery #1/#2: 101.2% / 102% Rec

VI. Comments
4AAP = # 21176
KaFe(CN)6 = # 21192
Buffer Solution = # 21194

LCS ID: #19527 / _____
LCS TV: 0.650 mg/L / _____
LCS FV: 0.562 mg/L / _____
% Rec 86.5

General Chemistry Form 2

SULFIDE CONTINUING CALIBRATION CHECK STANDARD RECOVERY

Lab Name: GPL Laboratories, LLLC

Client: Tetra Tech NUS Inc

Work-Order # 301043

STD Solution ID: #18840

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
ICV	6.10	6.00	98.4	70 - 130%

Standard ID	Control Std True Value (mg/L)	Standard Concentration (mg/L)	Standard %Recovery	Recovery Control Limits
CCV1	6.10	6.00	98.4	70 - 130%

Method Title: Sulfide, Titrimetric, Sodium Thiosulfate
Method Reference: MCAWW 376.1 / 9031

Analyst: RoS
Date / Time: 1-16-03 11:30AM
Reviewed by/Date: 01-23

Instrument/Apparatus: Titration

Calibration:
Standardization Iodine Solution

Iodine Solution N = ml of Na2S2O3 X 0.025N / 5 ml of Iodine

	ID#	Vol. Used / ml	Normality
Sodium Thiosulfate	#19395	5.50	0.025 N
Sodium Thiosulfate	#19395	5.50	0.025 N
Iodine solution	#21259	5	N 1= 0.0275
Iodine solution	#21259	5	N 2= 0.0275
			Avg N = 0.0275

QC Analysis
ICV Analysis
ICV ID: #18840
T.V.: 6.10mg/L
Acceptance Range: 2.03 – 9.09mg/L
ICV 6.0mg/L CCV1 6.0mg/L CCV2 6.0mg/L
% Rec: ICV 98% CCV1 98% CCV2 98%

Duplicate Analysis Acceptance Range: 15%
Sample ID #1: 301045(002) Sample ID #2: /
Init. Sample Value #1: 5.50mg/L Init. Sample Value #2: /
Dup. Sample Value #1: 5.50mg/L Dup. Sample Value #2: /
RPD #1: 0 RPD #2: /

LCS Analysis
LCS ID: LCS ID:
T.V.: / T.V.: /
F.V. #1: / F.V. #2: /
% R #1: % R #2:

Reagent:
Starch Indicator ID: #19495
HCL ID: #18161
Comments:

D. Raw QC Data

(as applicable)

1. **Extraction Logsheet**
2. **Instrument Print outs**
3. **Percent Solids**

GPL Laboratories, LLLP

CYANIDE DISTILLATION LOG

SOIL/WATER 58773

Method: ILMO5.1 / ILMO4.1 / ILCO3.1 / 335.2 / 335.3 / 9010B Reviewed by / Date:

Analyst: dt

Start Date/Time: 1-15-03 10:30 am

End Date/Time: 1-15-03 12:00 pm

Take Down Date/Time: 1-15-03 12:30 pm

A=1000 ug/L in Stock sol'n Stock ID: 19046

B=10 ug/L working sol'n (0.1 ml of A / 10 ml)

GPL W.O.#	Frac.	Client Sample ID	Sample Amt. ml / gm	F.V. ml	PH	Res CL2	Sulfide
PBW	1501	Prep Blk	50	50	NA	NA	NA
LCS W	1501	#19711	25		NA	NA	NA
301038	001	NAS42-5R-01	50		12.0	No	No
	002	NAS42-6R-01			12.0		
	003	NAS42-7R-01			12.0		
	004	NAS42-8-2R-01			12.0		
	005	MW017-01			12.0		
301043	001	NAS4-4-01			12.0		
	002	NAS4-5R-01			12.0		
	003	NAS4-12D-01			12.0		
	004	ISDB-DUP01-01			12.0		
	006	NAS41 6-01			12.0		
dup	006	—			12.0		
spk	006	—			12.0		
301045	001	PP-01FB			12.0		
	002	PP-01CB	50	50	12.0	No	No

1-15-03 dt

H2SO4: # 19291 Spike ID / Conc. 100 mg/L

NaOH: # 20543 LCS Low ID / Conc.: NA

MgCL2: # 19289 LCS High ID / Conc.: # 19711 = 312 mg/L

Sulfamic Acid: # 20504 ICV ID / Conc.: NA

Phenol Distillation Log

Method Title: Phenol Distillation
Method Ref.: MCAWW 420.1 / SW846-9065

Analyst: SS
Date / Time: 01-31-03 8:00
Reviewed By: C
Date: 2-3-03

batch# 59014

GPL WO #	Frac.	Client ID	Sample Amount (ml) / g	Final Volume (mL)	Initial sample pH < 2 Y/N	pH 4 prior to distillation
PB	117	prepBlank	250ml	250ml	N	
LCS	117	# 19527	25/225	250ml	N	
301014	001	H10-MW23-01	250ml	250ml	Y	
dup	001	H10-MW23-01	250ml	250ml		
SPK	001	H10-MW23-01	250ml	250ml		
	002	H10-MW17-01	250ml	250ml		
	003	H10-MW14-01	250ml	250ml		
	004	H10-MW19-01	250ml	250ml		
	005	H10_MW15-01	250ml	250ml		
301019	001	H10-MW10-01	250ml	250ml		
	002	H10-MW08D-01	250ml	250ml		
	003	H10-MW28D-01	250ml	250ml		
	004	H10-MW22-01	250ml	250ml		
	005	H10-DU01-01	250ml	250ml		
	006	H10-01FB-01	250ml	250ml		
	007	H10-01CB-01	250ml	250ml		
301045	001	PP-01FB	250ml	250ml		
	002	PP-01FB	250ml	250ml		
301043	001	NAS4-01	250ml	250ml		
	002	NAS4-5R-01	250ml	250ml		
	003	NAS-4-12D-01	250ml	250ml		

Spike ID: # 18948
Spike Conc.: 0.06 g/L
CuSO4: # 19545

LCS ID: # 19527
LCS Conc.: 0.050 g/L

Comments & Observations:

Phenol Distillation Log

Method Title: Phenol Distillation
Method Ref.: MCAWW 420.1 / SW846-9065

Analyst: SS
Date / Time: 01-31-03 8:00
Reviewed By: C
Date: 2-3-03

batch# 5905

GPL WO #	Frac.	Client ID	Sample Amount (mL) / g	Final Volume (mL)	Initial sample pH < 2 Y/N	pH 4 prior to distillation
301043	004	ISDB-DUP01-01	250ml	250ml	Y	
PB 5905	-	Prep Blank	250ml	250ml	N	
LCS 5905	-	#19527	25/225	250ml	N	
301028	001	NAS41-2-01	250ml	250ml	Y	
dup	001	NAS41-2-01	250ml	250ml		
SPK	001	NAS41-2-01	250ml	250ml		
	002	NAS41-3-01	250ml	250ml		
	003	NAS41-4-01	250ml	250ml		
	004	NAS41-6-01	250ml	250ml		
	005	NAS4-9-01	250ml	250ml		
301038	001	NAS42-5R-01	250ml	250ml		
	002	NAS42-6R-01	250ml	250ml		
	003	NAS42-7R-01	250ml	250ml		
	004	NAS42-8-2R-01	250ml	250ml		
	005	MW04-01	250ml	250ml		

Spike ID: #18948
Spike Conc.: 0.06 mg/L
CuSO4: #19545

LCS ID: #19527
LCS Conc.: 0.650 mg/L

Comments & Observations:

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**MARCH 16, 2005**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS AND TIN**
CTO – 351 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – 35111

SAMPLES: 11/Aqueous/

KWFCGS-FD01-0105	KWFCGS-MW05-0105
KWFCGS-MW06-0105	KWFCGS-MW19-0105
KWFCGS-MW22-0105	KWFCGS-MW23-0105
KWFCGS-MW24-0105	KWFCGS-MW25-0105
KWFCGS-MW26-0105	KWFCGS-MW27-0105
KWFCGS-MW28-0105	

Overview

The sample set for CTO 351, NAS Key West, SDG 35111, consists of eleven (11) aqueous environmental samples. One (1) field duplicate pair (KWFCGS-FD01-0105 / KWFCGS-MW23-0105) is included within this SDG.

All samples were analyzed for target analyte list (TAL) metals and tin. The samples were collected by TetraTech NUS on January 26, 27 and 28, 2005 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Metals analyses, with the exception of mercury, were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Blank Analyses
* • Field Duplicate Results
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	78.12 µg/L	390.6 µg/L
Barium[1]	0.63 µg/L	3.15 µg/L

Calcium[1]	54.43 µg/L	272.15 µg/L
Copper[1]	3.1 µg/L	15.5 µg/L
Iron[1]	21.89 µg/L	109.45 µg/L
Magnesium[1]	35.72 µg/L	178.6 µg/L
Manganese[1]	0.37 µg/L	1.85 µg/L
Mercury	0.08 µg/L	0.40 µg/L
Potassium[1]	278.67 µg/L	1393.35 µg/L
Sodium[1]	255.04 µg/L	1275.2 µg/L
Thallium	11.32 µg/L	56.6 µg/L
Zinc[1]	2.54 µg/L	12.7 µg/L

[1] Maximum concentration present in a laboratory preparation blank.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for aluminum, cooper, iron, manganese, mercury, thallium and zinc were qualified "U" as a result of laboratory blank contamination.

Notes

The matrix spike (MS) percent recovery for calcium was < 30% quality control limit. The matrix spike duplicate (MSD) percent recovery for calcium was > 125% quality control limit. No validation action was required because the native concentration of calcium in the un-spiked sample was greater than four times the concentration of calcium in the spiking solution.

The MS and MSD percent recoveries for selenium were < 75% quality control limit. No validation action was taken because the noncompliance was not of a gross nature.

The MSD percent recovery for mercury was > 125% quality control limit. No validation action was taken because the noncompliance was not of a gross nature. All mercury results were qualified due to laboratory blank contamination.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Data Validation Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (e.g. % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (e.g. base-line drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; e.g. chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is greater than sample activity

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-FD01-0105	nsample	KWFCGS-MW05-0105	nsample	KWFCGS-MW06-0105
samp_date	1/28/2005	samp_date	1/27/2005	samp_date	1/28/2005
lab_id	WV0413-004	lab_id	WV0389-005	lab_id	WV0413-001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:	KWFCGS-MW23-0105	DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	197	I	U	A
ANTIMONY	2.7	I		
ARSENIC	14.6			
BARIUM	4.9	I		
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	93000			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	2.2	I	U	A
IRON	25.6	I	U	A
LEAD	14.6			
MAGNESIUM	4200			
MANGANESE	0.52	I	U	A
MERCURY	0.10	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	11000			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	19700			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.9	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	39.2	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	23.1			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	114000			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	4.0	I	U	A
IRON	293			
LEAD	1.7	U	U	
MAGNESIUM	12000			
MANGANESE	0.88	I	U	A
MERCURY	0.08	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	4520			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	47200			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	8.6	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	56.2	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	8.8			
BARIUM	5.5			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	74800			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	1.91	U	U	
IRON	38.1	I	U	A
LEAD	1.7	I		
MAGNESIUM	11500			
MANGANESE	19.0			
MERCURY	0.10	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	23600			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	49300			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	3.6	I	U	A

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW19-0105
samp_date	1/26/2005
lab_id	WV0389-001
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	52.1	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	5.2			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	50700			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	3.8	I	U	A
IRON	10.8	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	1780			
MANGANESE	0.99	I	U	A
MERCURY	0.06	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	1920			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	10800			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	6.4	I	U	A

nsample	KWFCGS-MW22-0105
samp_date	1/28/2005
lab_id	WV0413-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	52.0	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	5.5			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	83400			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	1.91	U	U	
IRON	41.2	I	U	A
LEAD	24.2			
MAGNESIUM	4060			
MANGANESE	2.1	I		
MERCURY	0.09	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	3580			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	14600			
THALLIUM	5.1	I	U	A
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	3.2	I	U	A

nsample	KWFCGS-MW23-0105
samp_date	1/28/2005
lab_id	WV0413-003
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	205	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	14.8			
BARIUM	4.8	I		
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	93500			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	1.91	U	U	
IRON	23.8	I	U	A
LEAD	14.0			
MAGNESIUM	4130			
MANGANESE	0.38	I	U	A
MERCURY	0.10	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	10200			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	19300			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	3.0	I	U	A

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW24-0105
samp_date	1/26/2005
lab_id	WV0389-002
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	36.8	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	10.1			
BARIUM	7.2			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	144000			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	2.9	I	U	A
IRON	66.9	I	U	A
LEAD	18.3			
MAGNESIUM	9260			
MANGANESE	2.3	I		
MERCURY	0.07	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	3260			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	12400			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.9	I	U	A

nsample	KWFCGS-MW25-0105
samp_date	1/27/2005
lab_id	WV0389-006
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	67.6	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	10.5			
BARIUM	6.7			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	221000			
CHROMIUM	6.1	I		
COBALT	4.36	U	U	
COPPER	2.3	I	U	A
IRON	30.4	I	U	A
LEAD	5.1			
MAGNESIUM	1730			
MANGANESE	1.5	I	U	A
MERCURY	0.10	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	4000			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	14000			
THALLIUM	13.0	I	U	A
TIN	13.2	I		
VANADIUM	7.0	I		
ZINC	4.4	I	U	A

nsample	KWFCGS-MW26-0105
samp_date	1/27/2005
lab_id	WV0389-007
qc_type	NM
units	UG/L
Pct_Solids	0.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	104	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	8.8			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	224000			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	3.9	I	U	A
IRON	33.9	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	1850			
MANGANESE	5.1			
MERCURY	0.06	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	3610			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	13900			
THALLIUM	8.0	I	U	A
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	5.0	I	U	A

PROJ_NO: 2943

SDG: 35111 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW27-0105	nsample	KWFCGS-MW28-0105
samp_date	1/26/2005	samp_date	1/26/2005
lab_id	WV0389-003	lab_id	WV0389-004
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	67.9	I	U	A
ANTIMONY	2.8	I		
ARSENIC	3.03	U	U	
BARIUM	3.7	I		
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	67200			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	3.1	I	U	A
IRON	11.2	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	1540			
MANGANESE	0.17	I	U	A
MERCURY	0.08	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	2020			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	8490			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.1	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	45.1	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	7.0			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	159000			
CHROMIUM	0.80	U	U	
COBALT	4.36	U	U	
COPPER	1.91	U	U	
IRON	6.9	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	11900			
MANGANESE	0.20	I	U	A
MERCURY	0.07	I	U	A
NICKEL	10.8	U	U	
POTASSIUM	5920			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	29000			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	1.8	I	U	A

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-FD01-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0413-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	197	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.7	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	14.6			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	4.9	I		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	93000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	2.2	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	25.6	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	14.6			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	4200			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.52	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	11000			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	19700			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.9	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW05-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	39.2	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	23.1			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	114000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	4.0	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	293			P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	12000			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.88	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	4520			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	47200			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	8.6	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW06-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0413-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	56.2	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	8.8			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	5.5			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	74800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	38.1	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.7	I		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	11500			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	19.0			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	23600			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	49300			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	3.6	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW19-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	52.1	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	5.2			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	50700			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	3.8	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	10.8	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1780			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.99	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	1920			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	10800			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	6.4	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW22-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0413-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	52.0	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	5.5			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	83400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	41.2	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	24.2			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	4060			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	2.1	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.09	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	3580			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	14600			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	5.1	I		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	3.2	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW23-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0413-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	205	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	14.8			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	4.8	I		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	93500			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	23.8	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	14.0			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	4130			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.38	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.10	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	10200			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	19300			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	3.0	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW24-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	36.8	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	10.1			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	7.2			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	144000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	2.9	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	66.9	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	18.3			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	9260			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	2.3	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	3260			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	12400			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.9	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW25-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	67.6	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	10.5			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.7			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	221000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	6.1	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	2.3	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	30.4	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	5.1			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1730			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	1.5	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.1	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	4000			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	14000			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	13.0	I		P	1	15	4.09
7440-31-5	TIN, TOTAL	13.2	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	7.0	I		P	1	25	4.14
7440-66-6	ZINC, TOTAL	4.4	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW26-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	104	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	8.8			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	224000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	3.9	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	33.9	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1850			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	5.1			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	3610			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	13900			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	8.0	I		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	5.0	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW27-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	67.9	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.8	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	3.7	I		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	67200			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	3.1	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	11.2	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1540			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.17	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	2020			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	8490			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.1	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW28-0105

Matrix: WATER **SDG Name:** CTO351-11

Percent Solids: 0.00 **Lab Sample ID:** WV0389-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	45.1	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	7.0			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	159000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	4.36	U		P	1	30	4.36
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	6.9	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	11900			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.20	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.07	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	10.80	U		P	1	40	10.80
7440-09-7	POTASSIUM, TOTAL	5920			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	29000			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.8	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

WV0389 2-)

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3906 | PAGE ___ OF ___

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO-351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY LINE RD No. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 845870249090		WESTBROOK, ME.

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOC	SVOC's	PESTICIDES/PCB's	TAL METALS					COMMENTS
1/26	11:05	KWFCGS-MW19-0105				GW	G	8	X	X	X	X					
↓	9:30	KWFCGS-MW24-0105				↓	↓	↓	X	X	X	X					
↓	16:50	KWFCGS-MW27-0105				↓	↓	↓	X	X	X	X					
↓	15:20	KWFCGS-MW28-0105				↓	↓	↓	X	X	X	X					
1/27	12:05	KWFCGS-MW05-0105				↓	↓	↓	X	X	X	X					
↓	8:35	KWFCGS-MW25-0105				↓	↓	↓	X	X	X	X					MS/MSD
↓	10:45	KWFCGS-MW26-0105				↓	↓	↓	X	X	X	X					

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Braganza	1/27/05		1. RECEIVED BY [signature]	1/28/05	0915
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

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0000013

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3907 | PAGE 1 OF 1

WW413 3-4

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
N2943/TO351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN / ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD No. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 845870249068		WESTBROOK, ME

STANDARD TAT ☒
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2005	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOCs	SVOCs	PESTICIDES/PCBs	TAL METALS					COMMENTS
1/28	10:50	KWFCGS-MW06-0105	MW06			GW	G	8	X	X	X	X					
	12:00	KWFCGS-MW22-0105	MW22					8	X	X	X	X					
	9:20	KWFCGS-MW23-0105	MW23					8	X	X	X	X					
		KWFCGS-FD01-0105						8	X	X	X	X					
		KWFCGS-TB01-0105						2	X	X	X	X					TRIP BLANK

1. RELINQUISHED BY Gary Braganza	DATE 1/28/05	TIME 16:40	1. RECEIVED BY [signature]	DATE 1/29/05	TIME 1030
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

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FORM NO. TtNUS-001

000014

HOLDTIME

SDG 35111

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	KWFCGS-MW25-0105	WV0389-006	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
HG	UG/L	KWFCGS-FD01-0105	WV0413-004	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
HG	UG/L	KWFCGS-MW28-0105	WV0389-004	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
HG	UG/L	KWFCGS-MW26-0105	WV0389-007	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
HG	UG/L	KWFCGS-MW24-0105	WV0389-002	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
HG	UG/L	KWFCGS-MW23-0105	WV0413-003	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
HG	UG/L	KWFCGS-MW22-0105	WV0413-002	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
HG	UG/L	KWFCGS-MW19-0105	WV0389-001	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
HG	UG/L	KWFCGS-MW06-0105	WV0413-001	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
HG	UG/L	KWFCGS-MW05-0105	WV0389-005	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
HG	UG/L	KWFCGS-MW27-0105	WV0389-003	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
M	UG/L	KWFCGS-MW19-0105	WV0389-001	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
M	UG/L	KWFCGS-MW24-0105	WV0389-002	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
M	UG/L	KWFCGS-MW28-0105	WV0389-004	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7
M	UG/L	KWFCGS-MW27-0105	WV0389-003	NM	1/26/2005	2/1/2005	2/2/2005	6	1	7

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-MW26-0105	WV0389-007	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
M	UG/L	KWFCGS-MW25-0105	WV0389-006	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
M	UG/L	KWFCGS-MW22-0105	WV0413-002	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
M	UG/L	KWFCGS-MW06-0105	WV0413-001	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
M	UG/L	KWFCGS-MW05-0105	WV0389-005	NM	1/27/2005	2/1/2005	2/2/2005	5	1	6
M	UG/L	KWFCGS-FD01-0105	WV0413-004	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
M	UG/L	KWFCGS-MW23-0105	WV0413-003	NM	1/28/2005	2/1/2005	2/2/2005	4	1	5
OS	%	KWFCGS-MW23-0105DL	WV0413-3DL	NM	1/28/2005	2/1/2005	2/8/2005	4	7	11
OS	%	KWFCGS-MW23-0105	WV0413-3	NM	1/28/2005	2/1/2005	2/7/2005	4	6	10
OS	%	KWFCGS-MW28-0105	WV0389-4	NM	1/26/2005	2/1/2005	2/7/2005	6	6	12
OS	%	KWFCGS-MW27-0105	WV0389-3	NM	1/26/2005	2/1/2005	2/7/2005	6	6	12
OS	%	KWFCGS-MW26-0105	WV0389-7	NM	1/27/2005	2/1/2005	2/7/2005	5	6	11
OS	%	KWFCGS-MW25-0105	WV0389-6	NM	1/27/2005	2/1/2005	2/7/2005	5	6	11
OS	%	KWFCGS-MW24-0105RE	WV0389-2RE	NM	1/26/2005	2/9/2005	2/15/2005	14	6	20
OS	%	KWFCGS-MW24-0105	WV0389-2	NM	1/26/2005	2/1/2005	2/7/2005	6	6	12
OS	%	KWFCGS-MW23-0105RE	WV0413-3REDL	NM	1/28/2005	2/9/2005	2/18/2005	12	9	21
OS	%	KWFCGS-FD01-0105RE	WV0413-4RE	NM	1/28/2005	2/9/2005	2/15/2005	12	6	18
OS	%	KWFCGS-MW23-0105RE	WV0413-3RE	NM	1/28/2005	2/9/2005	2/15/2005	12	6	18

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE NAS KEY WEST; SDG: CTO351-11
WV0389, WV0413
TASK ORDER MANAGER: CHARLES BRYAN

Sample Receipt

The following samples were received on January 28 and 29, 2005 and were logged in under Katahdin Analytical Services work order numbers WV0389 and WV0413 for a hardcopy due date of February 24, 2005.

KATAHDIN Sample No.	TTNUS Sample Identification
WV0389-1	KWFCGS-MW19-0105
WV0389-2	KWFCGS-MW24-0105
WV0389-3	KWFCGS-MW27-0105
WV0389-4	KWFCGS-MW28-0105
WV0389-5	KWFCGS-MW05-0105
WV0389-6	KWFCGS-MW25-0105
WV0389-7	KWFCGS-MW26-0105
WV0389-8	TRIP BLANK
WV0415-1	KWFCGS-MW06-0105
WV0415-2	KWFCGS-MW22-0105
WV0415-3	KWFCGS-MW23-0105
WV0415-4	KWFCGS-FD01-0105
WV0415-5	KWFCGS-TB01-0105

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Laboratory

The samples of SDG CTO351-11 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and

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The closing (CV) standards (files 8VB3162 and 8VB4162) had low responses for 4,4'-DDD, 4,4'-DDT, 4,4'-DDE and methoxychlor on both channels, which resulted in %Ds that were outside of the method acceptance limits of 15%.

There were no protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin SDG CTO351-11 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample Nos. WV0389-(1-7) and WV0413-(1-4) were digested for ICP analysis on 02/01/05 (QC Batch VB01ICW0) in accordance with USEPA Method 3010A. Katahdin Sample No. WV0389-6 was prepared with duplicate matrix-spiked aliquots. The measured calcium concentration (0.05443 mg/L) of the preparation blank that was prepared in this batch is greater than the laboratory's acceptance limit. However, because the measured calcium concentrations of all associated samples are more than ten times that of the preparation blank, no corrective action has been taken.

ICP analyses of SDG CTO351-11 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Nos. WV0389-(1-7) and WV0413-(1-4) were digested for mercury analysis on 02/01/05 (QC Batch VB01HGW0) in accordance with USEPA Method 7470A. Katahdin Sample No. WV0389-6 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of Katahdin SDG CTO351-11 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The recoveries for selenium (53.3%) and mercury (128.5%) in the matrix-spike aliquot of Katahdin Sample No. WV0389-6 are outside the laboratory's acceptance limits. The recovery for selenium (53.8%) in the matrix-spike duplicate aliquot of Katahdin Sample No. WV0389-6 is outside the laboratory's acceptance limits. The recoveries for all other elements in these matrix-spiked aliquots were within the laboratory's acceptance criteria (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

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Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

The matrix-spike duplicate analysis of Katahdin Sample No. WV0389-6 is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all elements.

The serial dilution analysis of Katahdin Sample No. WV0389-6 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) all analytes.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
2-24-05

Leslie Dimond
Quality Assurance Officer

0000006

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: CTO351-11 **SOW No.** SW846

Client Field ID	Lab Sample ID
KWFCGS-FD01-0105	WV0413-004
KWFCGS-MW05-0105	WV0389-005
KWFCGS-MW06-0105	WV0413-001
KWFCGS-MW19-0105	WV0389-001
KWFCGS-MW22-0105	WV0413-002
KWFCGS-MW23-0105	WV0413-003
KWFCGS-MW24-0105	WV0389-002
KWFCGS-MW25-0105	WV0389-006
KWFCGS-MW25-0105	WV0389-006P
KWFCGS-MW25-0105	WV0389-006S
KWFCGS-MW26-0105	WV0389-007
KWFCGS-MW27-0105	WV0389-003
KWFCGS-MW28-0105	WV0389-004

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: February 21, 2005 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICV

File: AVB02A Feb 02, 2005 12:30

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18291.00	91.5
ANTIMONY	600.0	570.83	95.1
ARSENIC	600.0	587.43	97.9
CALCIUM	20000.0	19565.40	97.8
CHROMIUM	500.0	485.55	97.1
IRON	20000.0	19711.37	98.6
LEAD	550.0	547.10	99.5
MAGNESIUM	20000.0	20302.98	101.5
MANGANESE	500.0	487.64	97.5
SELENIUM	550.0	529.09	96.2
THALLIUM	600.0	584.71	97.5
TIN	500.0	491.81	98.4

SAMPLE: CCV

File: AVB02A Feb 02, 2005 13:10

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47614.36	95.2
ANTIMONY	1000.0	959.13	95.9
ARSENIC	1000.0	952.11	95.2
CALCIUM	50000.0	49067.13	98.1
CHROMIUM	1000.0	957.64	95.8
IRON	20000.0	19474.73	97.4
LEAD	1000.0	968.21	96.8
MAGNESIUM	50000.0	49519.39	99.0
MANGANESE	1000.0	947.99	94.8
SELENIUM	1000.0	951.58	95.2
THALLIUM	1000.0	970.05	97.0
TIN	1000.0	954.75	95.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCV

File: AVB02A Feb 02, 2005 14:30

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47886.45	95.8
ANTIMONY	1000.0	971.09	97.1
ARSENIC	1000.0	975.71	97.6
CALCIUM	50000.0	49713.45	99.4
CHROMIUM	1000.0	960.65	96.1
IRON	20000.0	19686.32	98.4
LEAD	1000.0	980.43	98.0
MAGNESIUM	50000.0	49801.50	99.6
MANGANESE	1000.0	947.40	94.7
SELENIUM	1000.0	953.44	95.3
THALLIUM	1000.0	981.11	98.1
TIN	1000.0	965.78	96.6

SAMPLE: CCV

File: AVB02A Feb 02, 2005 15:10

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47614.19	95.2
ANTIMONY	1000.0	976.37	97.6
ARSENIC	1000.0	979.07	97.9
CALCIUM	50000.0	49923.83	99.8
CHROMIUM	1000.0	960.20	96.0
IRON	20000.0	19753.47	98.8
LEAD	1000.0	987.83	98.8
MAGNESIUM	50000.0	49803.15	99.6
MANGANESE	1000.0	945.31	94.5
SELENIUM	1000.0	960.41	96.0
THALLIUM	1000.0	987.38	98.7
TIN	1000.0	969.05	96.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCV

File: AVB02A Feb 02, 2005 15:44

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47321.86	94.6
ANTIMONY	1000.0	978.19	97.8
ARSENIC	1000.0	982.84	98.3
CALCIUM	50000.0	49854.91	99.7
CHROMIUM	1000.0	959.14	95.9
IRON	20000.0	19766.60	98.8
LEAD	1000.0	991.11	99.1
MAGNESIUM	50000.0	49603.34	99.2
MANGANESE	1000.0	942.01	94.2
SELENIUM	1000.0	960.87	96.1
THALLIUM	1000.0	991.59	99.2
TIN	1000.0	968.06	96.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICV

File: BVB02A Feb 02, 2005 12:14

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19529.84	97.6
BARIUM	500.0	486.15	97.2
BERYLLIUM	500.0	505.31	101.1
CADMIUM	1250.0	1254.40	100.4
CALCIUM	20000.0	20058.47	100.3
COBALT	500.0	501.06	100.2
COPPER	500.0	491.91	98.4
IRON	20000.0	20710.58	103.6
MAGNESIUM	20000.0	19621.53	98.1
NICKEL	1000.0	1009.91	101.0
POTASSIUM	20000.0	20718.50	103.6
SILVER	200.0	202.37	101.2
SODIUM	20000.0	20393.43	102.0
VANADIUM	500.0	504.54	100.9
ZINC	1000.0	1010.77	101.1

SAMPLE: CCV

File: BVB02A Feb 02, 2005 12:48

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49395.09	98.8
BARIUM	1000.0	988.22	98.8
BERYLLIUM	1000.0	999.56	100.0
CADMIUM	1000.0	998.38	99.8
CALCIUM	50000.0	50740.70	101.5
COBALT	1000.0	1008.22	100.8
COPPER	1000.0	978.25	97.8
IRON	20000.0	20375.22	101.9
MAGNESIUM	50000.0	49460.43	98.9
NICKEL	1000.0	1007.52	100.8
POTASSIUM	50000.0	49375.46	98.8
SILVER	250.0	245.27	98.1
SODIUM	50000.0	48906.59	97.8
VANADIUM	1000.0	996.54	99.7
ZINC	1000.0	991.82	99.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCV

File: BVB02A Feb 02, 2005 13:56

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49125.33	98.3
BARIUM	1000.0	988.41	98.8
BERYLLIUM	1000.0	998.01	99.8
CADMIUM	1000.0	1003.30	100.3
CALCIUM	50000.0	51404.34	102.8
COBALT	1000.0	1013.97	101.4
COPPER	1000.0	977.50	97.8
IRON	20000.0	20387.57	101.9
MAGNESIUM	50000.0	49397.10	98.8
NICKEL	1000.0	1024.98	102.5
POTASSIUM	50000.0	49540.50	99.1
SILVER	250.0	245.22	98.1
SODIUM	50000.0	48425.22	96.9
VANADIUM	1000.0	999.09	99.9
ZINC	1000.0	997.30	99.7

SAMPLE: CCV

File: BVB02A Feb 02, 2005 14:49

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49117.90	98.2
BARIUM	1000.0	989.31	98.9
BERYLLIUM	1000.0	1015.76	101.6
CADMIUM	1000.0	1008.16	100.8
CALCIUM	50000.0	52616.33	105.2
COBALT	1000.0	1026.30	102.6
COPPER	1000.0	971.08	97.1
IRON	20000.0	20640.46	103.2
MAGNESIUM	50000.0	49940.95	99.9
NICKEL	1000.0	1028.38	102.8
POTASSIUM	50000.0	49206.45	98.4
SILVER	250.0	244.76	97.9
SODIUM	50000.0	48600.09	97.2
VANADIUM	1000.0	1009.05	100.9
ZINC	1000.0	1008.65	100.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCV

File: BVB02A Feb 02, 2005 16:12

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49328.06	98.7
BARIUM	1000.0	997.88	99.8
BERYLLIUM	1000.0	1014.16	101.4
CADMIUM	1000.0	1017.28	101.7
CALCIUM	50000.0	52752.73	105.5
COBALT	1000.0	1025.38	102.5
COPPER	1000.0	977.89	97.8
IRON	20000.0	20762.89	103.8
MAGNESIUM	50000.0	50060.07	100.1
NICKEL	1000.0	1031.30	103.1
POTASSIUM	50000.0	50119.83	100.2
SILVER	250.0	246.72	98.7
SODIUM	50000.0	49518.30	99.0
VANADIUM	1000.0	1011.05	101.1
ZINC	1000.0	1016.18	101.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICV

File: HVB02A Feb 02, 2005 10:01

Analyte	True	Found	%R (1)
MERCURY	6.0	5.46	91.0

SAMPLE: CCV

File: HVB02A Feb 02, 2005 10:26

Analyte	True	Found	%R (1)
MERCURY	5.0	5.23	104.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCV

File: HVB02A Feb 02, 2005 10:52

Analyte	True	Found	%R (1)
MERCURY	5.0	5.43	108.6

SAMPLE: CCV

File: HVB02A Feb 02, 2005 11:00

Analyte	True	Found	%R (1)
MERCURY	5.0	5.56	111.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICB

File: AVB02A Feb 02, 2005 12:37

Analyte	Result	C
ALUMINUM	18.30	U
ANTIMONY	2.34	U
ARSENIC	-3.08	I
CALCIUM	3.13	U
CHROMIUM	0.80	U
IRON	13.91	I
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
SELENIUM	3.71	U
THALLIUM	11.32	I
TIN	1.79	U

SAMPLE: CCB

File: AVB02A Feb 02, 2005 13:17

Analyte	Result	C
ALUMINUM	18.30	U
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-5.37	I
CHROMIUM	0.80	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
SELENIUM	3.71	U
THALLIUM	5.59	I
TIN	1.79	U

SAMPLE: CCB

File: AVB02A Feb 02, 2005 14:37

Analyte	Result	C
ALUMINUM	59.66	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-19.15	I
CHROMIUM	0.80	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	-0.17	I
SELENIUM	3.71	U
THALLIUM	7.48	I
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCB

File: AVB02A Feb 02, 2005 15:17

Analyte	Result	C
ALUMINUM	78.12	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-24.20	I
CHROMIUM	0.80	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
SELENIUM	3.71	U
THALLIUM	5.50	I
TIN	1.79	U

SAMPLE: CCB

File: AVB02A Feb 02, 2005 15:51

Analyte	Result	C
ALUMINUM	66.91	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-21.84	I
CHROMIUM	0.80	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
SELENIUM	3.71	U
THALLIUM	7.06	I
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICB

File: BVB02A Feb 02, 2005 12:20

Analyte	Result	C
ALUMINUM	20.28	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COBALT	4.36	U
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	21.94	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BVB02A Feb 02, 2005 12:54

Analyte	Result	C
ALUMINUM	33.09	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	29.81	I
COBALT	4.36	U
COPPER	2.35	I
IRON	6.95	I
MAGNESIUM	29.42	I
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BVB02A Feb 02, 2005 14:02

Analyte	Result	C
ALUMINUM	45.96	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	36.89	I
COBALT	4.36	U
COPPER	1.91	U
IRON	9.42	I
MAGNESIUM	24.70	U
NICKEL	10.80	U
POTASSIUM	-442.83	I
SILVER	-4.03	I
SODIUM	26.48	I
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCB

File: BVB02A Feb 02, 2005 14:54

Analyte	Result	C
ALUMINUM	41.59	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	41.97	I
COBALT	4.36	U
COPPER	1.91	U
IRON	9.92	I
MAGNESIUM	30.41	I
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	-5.17	I
SODIUM	47.22	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BVB02A Feb 02, 2005 16:18

Analyte	Result	C
ALUMINUM	32.98	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	38.51	I
COBALT	4.36	U
COPPER	1.91	U
IRON	7.13	I
MAGNESIUM	35.69	I
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	-4.43	I
SODIUM	45.44	I
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: ICB

File: HVB02A Feb 02, 2005 10:03

Analyte	Result	C
MERCURY	0.05	I

SAMPLE: CCB

File: HVB02A Feb 02, 2005 10:28

Analyte	Result	C
MERCURY	0.06	I

SAMPLE: CCB

File: HVB02A Feb 02, 2005 10:54

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Concentration Units: ug/L

SAMPLE: CCB

File: HVB02A Feb 02, 2005 11:03

Analyte	Result	C
MERCURY	0.08	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVB01HGW0

Matrix: WATER **SDG Name:** CTO351-11

QC Batch ID: VB01HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.063	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWVB01ICW0

Matrix: WATER **SDG Name:** CTO351-11

QC Batch ID: VB01ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	30.310	I
ANTIMONY	2.340	U
ARSENIC	3.030	U
BARIUM	0.630	I
BERYLLIUM	0.270	U
CADMIUM	3.970	U
CALCIUM	54.430	
CHROMIUM	0.800	U
COBALT	4.360	U
COPPER	3.100	I
IRON	21.890	I
LEAD	1.700	U
MAGNESIUM	35.720	I
MANGANESE	0.370	I
NICKEL	10.800	U
POTASSIUM	278.670	I
SELENIUM	3.710	U
SILVER	2.840	U
SODIUM	255.040	I
THALLIUM	4.910	I
TIN	1.790	U
VANADIUM	4.140	U
ZINC	2.540	I

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCGS-MW25-0105S

Matrix: WATER | **SDG Name:** CTO351-11

Percent Solids: 0.00 | **Lab Sample ID:** WV0389-006P

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2072.4800		67.6100	I	2000	100.2		75	125	P
ANTIMONY, TOTAL	500.8400		1.1200	U	500	100.2		75	125	P
ARSENIC, TOTAL	513.1400		10.4800		500	100.5		75	125	P
BARIUM, TOTAL	1984.8000		6.7400		2000	98.9		75	125	P
BERYLLIUM, TOTAL	51.5600		0.0500	U	50	103.1		75	125	P
CADMIUM, TOTAL	269.8800		-2.1800	U	250	108.0		75	125	P
CALCIUM, TOTAL	221324.0000		221265.5900		2500	2.3	OK	75	125	P
CHROMIUM, TOTAL	193.7100		6.1400	I	200	93.8		75	125	P
COBALT, TOTAL	513.9300		0.1400	U	500	102.8		75	125	P
COPPER, TOTAL	251.9700		2.3200	I	250	99.9		75	125	P
IRON, TOTAL	1064.5200		30.4300	I	1000	103.4		75	125	P
LEAD, TOTAL	511.7400		5.1400		500	101.3		75	125	P
MAGNESIUM, TOTAL	6786.0700		1730.8800		5000	101.1		75	125	P
MANGANESE, TOTAL	486.4200		1.5000	I	500	97.0		75	125	P
MERCURY, TOTAL	1.3410		0.0980	I	1	124.3		75	125	CV
NICKEL, TOTAL	517.0900		5.7800	U	500	103.4		75	125	P
POTASSIUM, TOTAL	14316.0700		4004.7000		10000	103.1		75	125	P
SELENIUM, TOTAL	269.0800		1.6300	U	500	53.8	J	75	125	P
SILVER, TOTAL	45.8000		-4.8500	U	50	91.6		75	125	P
SODIUM, TOTAL	21358.4200		14054.9600		7500	97.4		75	125	P
THALLIUM, TOTAL	515.8500		12.9600	I	500	100.6		75	125	P
TIN, TOTAL	500.7800		13.2400	I	500	97.5		75	125	P
VANADIUM, TOTAL	510.7400		7.0200	I	500	100.7		75	125	P
ZINC, TOTAL	523.0000		4.3600	I	500	103.7		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCGS-MW25-0105S

Matrix: WATER | **SDG Name:** CTO351-11

Percent Solids: 0.00 | **Lab Sample ID:** WV0389-006S

Concentration Units : ug/L

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Control Limits (%R) Low	High	M
ALUMINUM, TOTAL	2041.6000		67.6100	I	2000	98.7		75	125	P
ANTIMONY, TOTAL	520.4000		1.1200	U	500	104.1		75	125	P
ARSENIC, TOTAL	528.3700		10.4800		500	103.6		75	125	P
BARIUM, TOTAL	1967.0100		6.7400		2000	98.0		75	125	P
BERYLLIUM, TOTAL	51.6600		0.0500	U	50	103.3		75	125	P
CADMIUM, TOTAL	271.7200		-2.1800	U	250	108.7		75	125	P
CALCIUM, TOTAL	226340.7800		221265.5900		2500	203.0	OK	75	125	P
CHROMIUM, TOTAL	194.4900		6.1400	I	200	94.2		75	125	P
COBALT, TOTAL	511.9300		0.1400	U	500	102.4		75	125	P
COPPER, TOTAL	250.5500		2.3200	I	250	99.3		75	125	P
IRON, TOTAL	1061.5300		30.4300	I	1000	103.1		75	125	P
LEAD, TOTAL	525.0700		5.1400		500	104.0		75	125	P
MAGNESIUM, TOTAL	6907.9500		1730.8800		5000	103.5		75	125	P
MANGANESE, TOTAL	489.2200		1.5000	I	500	97.5		75	125	P
MERCURY, TOTAL	1.3830		0.0980	I	1	128.5	J	75	125	CV
NICKEL, TOTAL	508.8300		5.7800	U	500	101.8		75	125	P
POTASSIUM, TOTAL	14739.7200		4004.7000		10000	107.4		75	125	P
SELENIUM, TOTAL	266.7200		1.6300	U	500	53.3	J	75	125	P
SILVER, TOTAL	41.2200		-4.8500	U	50	82.4		75	125	P
SODIUM, TOTAL	21565.0700		14054.9600		7500	100.1		75	125	P
THALLIUM, TOTAL	527.5400		12.9600	I	500	102.9		75	125	P
TIN, TOTAL	512.4800		13.2400	I	500	99.8		75	125	P
VANADIUM, TOTAL	506.3400		7.0200	I	500	99.9		75	125	P
ZINC, TOTAL	528.1200		4.3600	I	500	104.8		75	125	P

Comments:

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVB01HGW0

Matrix: WATER **SDG Name:** CTO351-11

QC Batch ID: VB01HGW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	5.66	113.2	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSWVB01ICW0

Matrix: WATER **SDG Name:** CTO351-11

QC Batch ID: VB01ICW0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2005.10	100.3	80	120
ANTIMONY	500.0	519.02	103.8	80	120
ARSENIC	500.0	552.35	110.5	80	120
BARIUM	2000.0	1945.68	97.3	80	120
BERYLLIUM	50.0	50.59	101.2	80	120
CADMIUM	250.0	261.35	104.5	80	120
CALCIUM	2500.0	2671.27	106.9	80	120
CHROMIUM	200.0	207.60	103.8	80	120
COBALT	500.0	508.41	101.7	80	120
COPPER	250.0	248.56	99.4	80	120
IRON	1000.0	1047.69	104.8	80	120
LEAD	500.0	569.72	113.9	80	120
MAGNESIUM	5000.0	5011.89	100.2	80	120
MANGANESE	500.0	515.07	103.0	80	120
NICKEL	500.0	508.01	101.6	80	120
POTASSIUM	10000.0	9629.37	96.3	80	120
SELENIUM	500.0	519.90	104.0	80	120
SILVER	50.0	49.09	98.2	80	120
SODIUM	7500.0	7453.02	99.4	80	120
THALLIUM	500.0	552.87	110.6	80	120
TIN	500.0	547.08	109.4	80	120
VANADIUM	500.0	494.27	98.9	80	120
ZINC	500.0	508.94	101.8	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ANTIMONY	8.0	2.34	P
ARSENIC	8.0	3.03	P
CHROMIUM	15	0.80	P
LEAD	5.0	1.70	P
MANGANESE	5.0	0.13	P
SELENIUM	10	3.71	P
THALLIUM	15	4.09	P
TIN	100	1.79	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	17.90	P
BARIUM	5.0	0.53	P
BERYLLIUM	5.0	0.27	P
CADMIUM	10	3.97	P
CALCIUM	50	21.40	P
COBALT	30	4.36	P
COPPER	25	1.91	P
IRON	100	5.05	P
MAGNESIUM	50	24.70	P
NICKEL	40	10.80	P
POTASSIUM	1000	238.00	P
SILVER	15	2.84	P
SODIUM	1000	19.10	P
VANADIUM	25	4.14	P
ZINC	25	1.44	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.01	CV

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VB01HGW0

Matrix: WATER **SDG Name:** CTO351-11

Method: CV **Prep Date:** 02/01/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVB01HGW0	LCSWVB01HGW0	0.025	0.025
PBWVB01HGW0	PBWVB01HGW0	0.025	0.025
KWFCGS-MW19-0105	WV0389-001	0.025	0.025
KWFCGS-MW24-0105	WV0389-002	0.025	0.025
KWFCGS-MW27-0105	WV0389-003	0.025	0.025
KWFCGS-MW28-0105	WV0389-004	0.025	0.025
KWFCGS-MW05-0105	WV0389-005	0.025	0.025
KWFCGS-MW25-0105	WV0389-006	0.025	0.025
KWFCGS-MW25-0105P	WV0389-006P	0.025	0.025
KWFCGS-MW25-0105S	WV0389-006S	0.025	0.025
KWFCGS-MW26-0105	WV0389-007	0.025	0.025
KWFCGS-MW06-0105	WV0413-001	0.025	0.025
KWFCGS-MW22-0105	WV0413-002	0.025	0.025
KWFCGS-MW23-0105	WV0413-003	0.025	0.025
KWFCGS-FD01-0105	WV0413-004	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** VB01ICW0

Matrix: WATER **SDG Name:** CTO351-11

Method: P **Prep Date:** 02/01/2005

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWVB01ICW0	LCSWVB01ICW0	0.05	0.05
PBWVB01ICW0	PBWVB01ICW0	0.05	0.05
KWFCGS-MW19-0105	WV0389-001	0.05	0.05
KWFCGS-MW24-0105	WV0389-002	0.05	0.05
KWFCGS-MW27-0105	WV0389-003	0.05	0.05
KWFCGS-MW28-0105	WV0389-004	0.05	0.05
KWFCGS-MW05-0105	WV0389-005	0.05	0.05
KWFCGS-MW25-0105	WV0389-006	0.05	0.05
KWFCGS-MW25-0105P	WV0389-006P	0.05	0.05
KWFCGS-MW25-0105S	WV0389-006S	0.05	0.05
KWFCGS-MW26-0105	WV0389-007	0.05	0.05
KWFCGS-MW06-0105	WV0413-001	0.05	0.05
KWFCGS-MW22-0105	WV0413-002	0.05	0.05
KWFCGS-MW23-0105	WV0413-003	0.05	0.05
KWFCGS-FD01-0105	WV0413-004	0.05	0.05

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Instrument ID: TJA TRACE ICP **File Name:** AVB02A

Date: 2/2/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
S0		1	11:47	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
S1		1	11:54	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
AL IEC		1	12:03	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
FE IEC		1	12:10	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
MN IEC		1	12:17	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
IEC		1	12:23	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICV		1	12:30	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICB		1	12:37	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
PQL		1	12:43	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CRI		1	12:50	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICSA		1	12:57	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICSAB		1	13:04	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCV		1	13:10	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCB		1	13:17	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
WV0389-001	KWFCGS-MW19-0105	1	13:24		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-002	KWFCGS-MW24-0105	1	13:30		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-003	KWFCGS-MW27-0105	1	13:37		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-004	KWFCGS-MW28-0105	1	13:44		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-005	KWFCGS-MW05-0105	1	13:50		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-006	KWFCGS-MW25-0105	1	13:57		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-006L	KWFCGS-MW25-0105L	5	14:04		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-006P	KWFCGS-MW25-0105P	1	14:10		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-006S	KWFCGS-MW25-0105S	1	14:17		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0389-007	KWFCGS-MW26-0105	1	14:24		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
CCV		1	14:30	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCB		1	14:37	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
WV0413-001	KWFCGS-MW06-0105	1	14:44		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0413-002	KWFCGS-MW22-0105	1	14:50		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0413-003	KWFCGS-MW23-0105	1	14:57		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
WV0413-004	KWFCGS-FD01-0105	1	15:04		Sb	As		Cr		Pb		Mn	Se	Tl	Sn
CCV		1	15:10	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCB		1	15:17	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CRI		1	15:24	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICSA		1	15:31	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
ICSAB		1	15:37	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCV		1	15:44	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn
CCB		1	15:51	Al	Sb	As	Ca	Cr	Fe	Pb	Mg	Mn	Se	Tl	Sn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Instrument ID: TJA 61 ICP **File Name:** BVB02A

Date: 2/2/05 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements										
S0		1	11:46	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
S1		1	11:52	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
AL IEC		1	11:58	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
FE IEC		1	12:06	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICV		1	12:14	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICB		1	12:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
PQL		1	12:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CRI		1	12:31	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICSA		1	12:37	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICSAB		1	12:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCV		1	12:48	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCB		1	12:54	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
LCSWVB01ICW0		1	13:00	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
PBWVB01ICW0		1	13:05	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-001	KWFCGS-MW19-0105	1	13:11	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-002	KWFCGS-MW24-0105	1	13:17	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-003	KWFCGS-MW27-0105	1	13:22	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-004	KWFCGS-MW28-0105	1	13:28	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-005	KWFCGS-MW05-0105	1	13:34	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-006	KWFCGS-MW25-0105	1	13:39	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-006L	KWFCGS-MW25-0105L	5	13:45	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-006P	KWFCGS-MW25-0105P	1	13:50	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCV		1	13:56	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCB		1	14:02	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	14:09															
WV0389-006S	KWFCGS-MW25-0105S	1	14:15	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0389-007	KWFCGS-MW26-0105	1	14:20	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0413-001	KWFCGS-MW06-0105	1	14:26	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0413-002	KWFCGS-MW22-0105	1	14:32	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0413-003	KWFCGS-MW23-0105	1	14:37	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
WV0413-004	KWFCGS-FD01-0105	1	14:43	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCV		1	14:49	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCB		1	14:54	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ZZZZZZ		1	15:33															
ZZZZZZ		1	15:39															
ZZZZZZ		1	15:44															
ZZZZZZ		1	15:50															
CRI		1	15:55	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICSA		1	16:01	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
ICSAB		1	16:07	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCV		1	16:12	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn
CCB		1	16:18	Al	Ba	Be	Cd	Ca	Co	Cu	Fe	Mg	Ni	K	Ag	Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** CTO351-11

Instrument ID: CETAC M6100 **File Name:** HVB02A

Date: 2/2/05 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	9:48	HG
Standard #1 (0.2 p		1	9:50	HG
Standard #2 (0.5 p		1	9:52	HG
Standard #3 (1.0 p		1	9:55	HG
Standard #4 (5.0 p		1	9:57	HG
Standard #5 (10.0		1	9:59	HG
ICV		1	10:01	HG
ICB		1	10:03	HG
CRA		1	10:05	HG
LCSWVB01HGW0		1	10:07	HG
PBWVB01HGW0		1	10:09	HG
WV0389-001	KWFCGS-MW19-0105	1	10:11	HG
WV0389-002	KWFCGS-MW24-0105	1	10:14	HG
WV0389-003	KWFCGS-MW27-0105	1	10:16	HG
WV0389-004	KWFCGS-MW28-0105	1	10:18	HG
WV0389-005	KWFCGS-MW05-0105	1	10:20	HG
WV0389-006	KWFCGS-MW25-0105	1	10:22	HG
WV0389-006S	KWFCGS-MW25-0105S	1	10:24	HG
CCV		1	10:26	HG
CCB		1	10:28	HG
WV0389-006P	KWFCGS-MW25-0105P	1	10:31	HG
WV0389-007	KWFCGS-MW26-0105	1	10:33	HG
ZZZZZZ		1	10:35	
ZZZZZZ		1	10:37	
ZZZZZZ		1	10:39	
ZZZZZZ		1	10:41	
ZZZZZZ		1	10:43	
WV0413-001	KWFCGS-MW06-0105	1	10:46	HG
WV0413-002	KWFCGS-MW22-0105	1	10:48	HG
WV0413-003	KWFCGS-MW23-0105	1	10:50	HG
CCV		1	10:52	HG
CCB		1	10:54	HG
WV0413-004	KWFCGS-FD01-0105	1	10:56	HG
ZZZZZZ		1	10:58	
CCV		1	11:00	HG
CCB		1	11:03	HG

FIELD DUPLICATE PRECISION

ANALYTE	KWFCGS-FD01-0105	KWFCGS-MW23-0105	RPD	DIFFERENCE
Aluminum	197U	205U	#VALUE!	#VALUE!
Antimony	2.7	2.34U	#VALUE!	~~#VALUE!~~ 2.7
Arsenic	14.6	14.8	1.36	0.2.
Barium	4.9	4.8	2.06	0.1
Beryllium	0.27U	0.27U	#VALUE!	#VALUE!
Cadmium	3.97U	3.97U	#VALUE!	#VALUE!
Calcium	93000	93500	0.54	500
Chromium	0.80U	0.80U	#VALUE!	#VALUE!
Cobalt	4.36U	4.36U	#VALUE!	#VALUE!
Copper	2.2U	1.91U	#VALUE!	#VALUE!
Iron	26.5U	23.8U	#VALUE!	#VALUE!
Lead	14.6	14	4.20	0.6
Magnesium	4200	4130	1.68	70
Manganese	0.52U	0.38U	#VALUE!	#VALUE!
Mercury	0.10U	0.10U	#VALUE!	#VALUE!
Nickel	10.8U	10.8U	#VALUE!	#VALUE!
Potassium	11000	10200	7.55	800
Selenium	3.71U	3.71U	#VALUE!	#VALUE!
Silver	2.84U	2.84U	#VALUE!	#VALUE!
Sodium	19700	19300	2.05	400
Thallium	4.09U	4.09U	#VALUE!	#VALUE!
Tin	1.79U	1.79U	#VALUE!	#VALUE!
Vanadium	4.14U	4.14U	#VALUE!	#VALUE!
Zinc	2.9U	3.0U	#VALUE!	#VALUE!

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**NOVEMBER 24, 2004**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOA/SVOA/PCB**
CTO 351, NAS KEY WEST
SDG WU3200

SAMPLES: 17/Solid

KWFCSB-DUP-00-0904	KWFCSB-MW07-02-0904	KWFCSB-MW07-04-0904
KWFCSB-MW08-02-0904	KWFCSB-MW08-04-0904	KWFCSB-MW09-02-0904
KWFCSB-MW09-04-0904	KWFCSB-MW10-02-0904	KWFCSB-MW10-04-0904
KWFCSB-MW11-02-0904	KWFCSB-MW11-04-0904	KWFCSB-MW12-02-0904
KWFCSB-MW12-04-0904	KWFCSB-SS01-02-0904	KWFCSB-SS01-04-0904
KWFCSB-SS02-02-0904	KWFCSB-SS02-04-0904	

OVERVIEW

The sample set for CTO 351 NAS Key West, SDG WU3200 consists of seventeen (17) solid environmental samples. The samples were analyzed for Appendix IX volatile organic compounds (VOC), Appendix IX semivolatile organic compounds (SVOA), Appendix IX pesticides (PEST), and polychlorinated biphenyls (PCBs). One field duplicate was associated with this SDG: KWFCSB-DUP-00-0904 / KWFCSB-MW07-04-0904.

The samples were collected by TetraTech NUS on September 22 and 23, 2004 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8260B, 8270C, 8081A, and 8082 analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
* • Initial/continuing calibrations
• Surrogates
• Internal Standards
• Laboratory method blank results
* • Field Duplicate Precision
* • Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Volatiles

The surrogate P-bromofluorobenzene had a recovery less than the quality control criterion for sample KWFCSB-MW12-02-0904. No action was taken on this basis because the recovery (36%) was only slightly below the criterion of 38%.

All internal standards for sample KWFCSB-MW07-04-0904 had area counts less than 10% of the continuing calibration and the low level run was not useable. The sample was re-analyzed as a medium level because no other aliquots were properly preserved. The medium level analysis was used for validation and this accounts for the elevated detection limits in this sample.

The following compounds were detected in the method blanks:

Compound	Maximum Concentration	Blank Action Level
Methylene Chloride	8 ug/Kg	80 µg/Kg

- Value < Reporting Limit (RL); report RL followed by a U.
- Value > RL and < Action level; report value followed by a U.

Sample aliquot, percent solids, and dilution factors were taken into consideration when applying the blank action levels. Positive results for methylene chloride below the blank action level were qualified as non-detected, U.

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for isobutyl alcohol, acrylonitrile, and 1,4-dioxane on instrument GCMS-S on 9/21/04. The non-detected results for the aforementioned compounds in the associated samples have been rejected (UR).

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for isobutyl alcohol on instrument GCMS-Z on 8/23/04. The non-detected results for isobutyl alcohol in sample KWFCSB-MW07-04-0904 has been rejected (UR).

The continuing calibration had a RRF less than the 0.05 quality control criterion for acetonitrile, acrylonitrile, and 1,4-dioxane on instrument GCMS-S on 09/24/04 @12:10. The non-detected results for acetonitrile, acrylonitrile, and 1,4-dioxane in the associated samples have been rejected (UR).

The continuing calibration had a RRF less than the 0.05 quality control criterion for acetonitrile, acrylonitrile, and 1,4-dioxane on instrument GCMS-S on 09/27/04 @09:18. The non-detected results for acetonitrile, acrylonitrile, and 1,4-dioxane in the associated samples have been rejected (UR).

The continuing calibration had a RRF less than the 0.05 quality control criterion for acrolein, acetone, isobutyl alcohol, acetonitrile, acrylonitrile, and 1,4-dioxane on instrument GCMS-S on 09/27/04 @09:18. The non-detected results for aforementioned compounds in sample KWFCSB-MW07-04-0904 have been rejected (UR).

The field duplicate pair KWFCSB-DUP-00-0904 and KWFCSB-MW07-04-0904 were analyzed as a low level and a medium level. The difference in detection limits does not make comparison of the field duplicate valid. However, no compounds were detected in either sample greater than 2X the samples reporting limit. No action was taken on this basis.

Semivolatiles

Samples KSFCSB-DUP-00-0904, KWFCSB-MW09-04-0904, KWFCSB-MW07-04-0904, KWFCSB-MW12-02-0904, KWFCSB-MW07-02-0904, KWFCSB-MW09-02-0904, KWFCSB-SS02-04-0904, KWFCSB-MW08-04-0904, KWFCSB-SS01-04-0904, KWFCSB-SS02-02-0904, KWFCSB-MW10-02-0904, KWFCSB-SS01-02-0904 had high recoveries for at least one surrogate. No action was taken on this basis.

The initial calibration and all continuing calibrations had a relative response factor (RRF) less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide. All non-detected results for 4-nitroquinoline-1-oxide in all samples have been rejected (UR).

Pesticides

The surrogate tetrachloro-m-xylene had recoveries less than the quality control criteria for sample KWFCSB-SS02-04-0904 on both columns. No action was taken on this basis because the recoveries (44% and 45%) were only slightly below the criterion of 49%.

The percent difference (%D) between analytical columns for the pesticide analyses exceeded 25% for positive results reported for several compounds in the following samples:

Sample Number	Compound	% Difference	Qualification
KWFCSB-SS01-02-0904	4,4'-DDT	27.4%	J
KWFCSB-MW08-02-0904	4,4'-DDT	35.9%	J

The positive results have been qualified as estimated, "J".

Continuing calibrations analyzed on 10/8/04 @12:06 and 22:58 had %Ds greater than 15% (but <30%) for alpha-BHC or gamma-BHC on the primary or secondary column. No action was taken on this basis because at least one column meet criteria.

PCBs

The surrogate tetrachloro-m-xylene had a recovery less than the quality control criteria for sample KWFCSB-SS02-04-0904 on the primary column. No action was taken on this basis because the secondary column recovery was acceptable.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several target compounds were detected in the method blanks.

Other Factors Affecting Data Quality: Several samples required dilutions due to high concentrations of target compounds or matrix interference. Percent difference between columns exceeded criteria for several compounds.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Edward Sedlmyer
Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

Edward Sedlmyer
for Joe Samchuck
TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is less than sample activity

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.5	U	
1,1,1-TRICHLOROETHANE	0.7	U	
1,1,2,2-TETRACHLOROETHANE	0.7	U	
1,1,2-TRICHLOROETHANE	0.5	U	
1,1-DICHLOROETHANE	0.6	U	
1,1-DICHLOROETHENE	0.9	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1	U	
1,2-DIBROMOETHANE	0.5	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	0.7	U	
1,2-DICHLOROPROPANE	0.8	U	
1,3-DICHLOROBENZENE	0.9	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	46	UR	C
2-BUTANONE	8	U	
2-HEXANONE	9	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	14	U	
ACETONITRILE	23	UR	C
ACROLEIN	21	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.8	U	
BROMODICHLOROMETHANE	0.6	U	
BROMOFORM	0.6	U	
BROMOMETHANE	2	U	
CARBON DISULFIDE	0.7	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.6	U	
CHLORODIBROMOMETHANE	0.6	U	

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.9	U	
CHLOROFORM	1	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.8	U	
CIS-1,2-DICHLOROETHENE	0.8	U	
CIS-1,3-DICHLOROPROPENE	0.5	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.7	U	
ISOBUTANOL	14	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	10	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	30	U	A
O-XYLENE	0.8	U	
PENTACHLOROETHANE	3	U	
PROPIONITRILE	8	U	
STYRENE	0.7	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.7	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	0.9	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.6	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1RA
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.4	U	
1,1,1-TRICHLOROETHANE	0.6	U	
1,1,2,2-TETRACHLOROETHANE	0.6	U	
1,1,2-TRICHLOROETHANE	0.4	U	
1,1-DICHLOROETHANE	0.5	U	
1,1-DICHLOROETHENE	0.8	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.8	U	
1,2-DICHLOROETHANE	0.6	U	
1,2-DICHLOROPROPANE	0.6	U	
1,3-DICHLOROBENZENE	0.8	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	39	UR	C
2-BUTANONE	7	U	
2-HEXANONE	8	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	12	U	
ACETONITRILE	19	UR	C
ACROLEIN	17	U	
ACRYLONITRILE	3	UR	C
BENZENE	0.6	U	
BROMODICHLOROMETHANE	0.5	U	
BROMOFORM	0.5	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.6	U	
CARBON TETRACHLORIDE	0.9	U	
CHLOROBENZENE	0.5	U	
CHLORODIBROMOMETHANE	0.5	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW07-02-0904	nsample	KWFCSB-MW07-04-0904DL	nsample	KWFCSB-MW07-04-0904DL
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-1RA	lab_id	WU3200-2DL	lab_id	WU3200-2DL
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	86.0	Pct_Solids	0.0	Pct_Solids	0.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.8	U	
CHLOROFORM	0.5	U	
CHLOROMETHANE	1	U	
CHLOROPRENE	0.7	U	
CIS-1,2-DICHLOROETHENE	0.6	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	
DIBROMOMETHANE	0.9	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.6	U	
ISOBUTANOL	12	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	9	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	0.9	U	
METHYLENE CHLORIDE	10	U	A
O-XYLENE	0.7	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	6	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.8	U	
TOLUENE	0.6	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.8	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.5	U	
TRICHLOROFLUOROMETHANE	0.8	U	
VINYL ACETATE	1	U	
VINYL CHLORIDE	1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	14	U	
1,1,1-TRICHLOROETHANE	19	U	
1,1,2,2-TETRACHLOROETHANE	17	U	
1,1,2-TRICHLOROETHANE	13	U	
1,1-DICHLOROETHANE	16	U	
1,1-DICHLOROETHENE	24	U	
1,2,3-TRICHLOROPROPANE	47	U	
1,2,4-TRICHLOROBENZENE	51	U	
1,2-DIBROMO-3-CHLOROPROPANE	25	U	
1,2-DIBROMOETHANE	14	U	
1,2-DICHLOROBENZENE	25	U	
1,2-DICHLOROETHANE	19	U	
1,2-DICHLOROPROPANE	20	U	
1,3-DICHLOROBENZENE	24	U	
1,4-DICHLOROBENZENE	43	U	
1,4-DIOXANE	1200	UR	C
2-BUTANONE	210	U	
2-HEXANONE	240	U	
3-CHLOROPROPENE	43	U	
4-METHYL-2-PENTANONE	120	U	
ACETONE	350	UR	C
ACETONITRILE	600	UR	C
ACROLEIN	540	UR	C
ACRYLONITRILE	110	UR	C
BENZENE	20	U	
BROMODICHLOROMETHANE	15	U	
BROMOFORM	17	U	
BROMOMETHANE	40	J	P
CARBON DISULFIDE	19	U	
CARBON TETRACHLORIDE	29	U	
CHLOROBENZENE	16	U	
CHLORODIBROMOMETHANE	14	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	24	U	
CHLOROFORM	16	U	
CHLOROMETHANE	44	U	
CHLOROPRENE	21	U	
CIS-1,2-DICHLOROETHENE	20	U	
CIS-1,3-DICHLOROPROPENE	13	U	
DIBROMOMETHANE	27	U	
DICHLORODIFLUOROMETHANE	33	U	
ETHYL METHACRYLATE	57	U	
ETHYLBENZENE	18	U	
ISOBUTANOL	370	UR	C
M+P-XYLENES	38	U	
METHACRYLONITRILE	270	U	
METHYL IODIDE	64	J	P
METHYL METHACRYLATE	27	U	
METHYLENE CHLORIDE	88	J	B
O-XYLENE	21	U	
PENTACHLOROETHANE	68	U	
PROPIONITRILE	200	U	
STYRENE	19	U	
TETRACHLOROETHENE	26	U	
TOLUENE	17	U	
TOTAL XYLENES	56	U	
TRANS-1,2-DICHLOROETHENE	25	U	
TRANS-1,3-DICHLOROPROPENE	24	U	
TRANS-1,4-DICHLORO-2-BUTENE	50	U	
TRICHLOROETHENE	16	U	
TRICHLOROFLUOROMETHANE	25	U	
VINYL ACETATE	44	U	
VINYL CHLORIDE	35	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW08-02-0904	nsample	KWFCSB-MW08-02-0904	nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-3	lab_id	WU3200-3	lab_id	WU3200-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	80.9	Pct_Solids	80.9	Pct_Solids	85.0
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.6	U	
1,1,1-TRICHLOROETHANE	0.8	U	
1,1,2,2-TETRACHLOROETHANE	0.7	U	
1,1,2-TRICHLOROETHANE	0.5	U	
1,1-DICHLOROETHANE	0.7	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1	U	
1,2-DIBROMOETHANE	0.6	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	0.8	U	
1,2-DICHLOROPROPANE	0.8	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	49	UR	C
2-BUTANONE	9	U	
2-HEXANONE	10	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	14	U	
ACETONITRILE	24	UR	C
ACROLEIN	22	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.8	U	
BROMODICHLOROMETHANE	0.6	U	
BROMOFORM	0.7	U	
BROMOMETHANE	2	U	
CARBON DISULFIDE	0.8	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.7	U	
CHLORODIBROMOMETHANE	0.6	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	1	U	
CHLOROFORM	0.7	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.8	U	
CIS-1,2-DICHLOROETHENE	0.8	U	
CIS-1,3-DICHLOROPROPENE	0.5	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.7	U	
ISOBUTANOL	15	UR	C
M+P-XYLENES	2	U	
METHACRYLONITRILE	11	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	18	U	A
O-XYLENE	0.9	U	
PENTACHLOROETHANE	3	U	
PROPIONITRILE	8	U	
STYRENE	0.8	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.7	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.6	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.4	U	
1,1,1-TRICHLOROETHANE	0.6	U	
1,1,2,2-TETRACHLOROETHANE	0.5	U	
1,1,2-TRICHLOROETHANE	0.4	U	
1,1-DICHLOROETHANE	0.5	U	
1,1-DICHLOROETHENE	0.7	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.7	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.7	U	
1,2-DICHLOROETHANE	0.6	U	
1,2-DICHLOROPROPANE	0.6	U	
1,3-DICHLOROBENZENE	0.7	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	36	UR	C
2-BUTANONE	6	U	
2-HEXANONE	7	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	11	U	
ACETONITRILE	18	UR	C
ACROLEIN	16	U	
ACRYLONITRILE	3	UR	C
BENZENE	0.6	U	
BROMODICHLOROMETHANE	0.5	U	
BROMOFORM	0.5	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.6	U	
CARBON TETRACHLORIDE	0.9	U	
CHLOROBENZENE	0.5	U	
CHLORODIBROMOMETHANE	0.4	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW08-04-0904	nsample	KWFCSB-MW09-02-0904	nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-4	lab_id	WU3200-5	lab_id	WU3200-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	85.0	Pct_Solids	87.3	Pct_Solids	87.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.7	U	
CHLOROFORM	0.6	J	P
CHLOROMETHANE	1	U	
CHLOROPRENE	0.6	U	
CIS-1,2-DICHLOROETHENE	0.6	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	
DIBROMOMETHANE	0.8	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.5	U	
ISOBUTANOL	11	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	8	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	0.8	U	
METHYLENE CHLORIDE	14	U	A
O-XYLENE	0.6	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	6	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.8	U	
TOLUENE	0.5	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.7	U	
TRANS-1,3-DICHLOROPROPENE	0.7	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.5	U	
TRICHLOROFLUOROMETHANE	0.8	U	
VINYL ACETATE	1	U	
VINYL CHLORIDE	1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.6	U	
1,1,1-TRICHLOROETHANE	0.8	U	
1,1,2,2-TETRACHLOROETHANE	0.7	U	
1,1,2-TRICHLOROETHANE	0.5	U	
1,1-DICHLOROETHANE	0.7	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1	U	
1,2-DIBROMOETHANE	0.6	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	0.8	U	
1,2-DICHLOROPROPANE	0.8	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	49	UR	C
2-BUTANONE	9	U	
2-HEXANONE	10	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	14	U	
ACETONITRILE	24	UR	C
ACROLEIN	22	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.8	U	
BROMODICHLOROMETHANE	0.6	U	
BROMOFORM	0.7	U	
BROMOMETHANE	2	U	
CARBON DISULFIDE	0.8	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.7	U	
CHLORODIBROMOMETHANE	0.6	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	1	U	
CHLOROFORM	0.7	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.8	U	
CIS-1,2-DICHLOROETHENE	0.8	U	
CIS-1,3-DICHLOROPROPENE	0.5	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.7	U	
ISOBUTANOL	15	UR	C
M+P-XYLENES	2	U	
METHACRYLONITRILE	11	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	17	U	A
O-XYLENE	0.9	U	
PENTACHLOROETHANE	3	U	
PROPIONITRILE	8	U	
STYRENE	0.8	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.7	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.6	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

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SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW09-04-0904	nsample	KWFCSB-MW09-04-0904	nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-6	lab_id	WU3200-6	lab_id	WU3200-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.3	Pct_Solids	84.3	Pct_Solids	80.7
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.5	U	
1,1,1-TRICHLOROETHANE	0.6	U	
1,1,2,2-TETRACHLOROETHANE	0.6	U	
1,1,2-TRICHLOROETHANE	0.4	U	
1,1-DICHLOROETHANE	0.6	U	
1,1-DICHLOROETHENE	0.8	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.9	U	
1,2-DIBROMOETHANE	0.5	U	
1,2-DICHLOROBENZENE	0.9	U	
1,2-DICHLOROETHANE	0.7	U	
1,2-DICHLOROPROPANE	0.7	U	
1,3-DICHLOROBENZENE	0.8	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	42	UR	C
2-BUTANONE	7	U	
2-HEXANONE	8	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	12	U	
ACETONITRILE	21	UR	C
ACROLEIN	19	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.7	U	
BROMODICHLOROMETHANE	0.5	U	
BROMOFORM	0.6	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.6	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.6	U	
CHLORODIBROMOMETHANE	0.5	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.8	U	
CHLOROFORM	0.8	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.7	U	
CIS-1,2-DICHLOROETHENE	0.7	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.6	U	
ISOBUTANOL	13	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	9	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	0.9	U	
METHYLENE CHLORIDE	19	U	A
O-XYLENE	0.7	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	7	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.9	U	
TOLUENE	0.6	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.9	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.6	U	
TRICHLOROFLUOROMETHANE	0.9	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.3	U	
1,1,1-TRICHLOROETHANE	0.4	U	
1,1,2,2-TETRACHLOROETHANE	0.4	U	
1,1,2-TRICHLOROETHANE	0.3	U	
1,1-DICHLOROETHANE	0.4	U	
1,1-DICHLOROETHENE	0.6	U	
1,2,3-TRICHLOROPROPANE	1	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.6	U	
1,2-DIBROMOETHANE	0.3	U	
1,2-DICHLOROBENZENE	0.6	U	
1,2-DICHLOROETHANE	0.4	U	
1,2-DICHLOROPROPANE	0.5	U	
1,3-DICHLOROBENZENE	0.6	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	28	UR	C
2-BUTANONE	5	U	
2-HEXANONE	6	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	3	U	
ACETONE	8	U	
ACETONITRILE	14	UR	C
ACROLEIN	13	U	
ACRYLONITRILE	2	UR	C
BENZENE	0.5	U	
BROMODICHLOROMETHANE	0.4	U	
BROMOFORM	0.4	U	
BROMOMETHANE	0.9	U	
CARBON DISULFIDE	0.4	U	
CARBON TETRACHLORIDE	0.7	U	
CHLOROBENZENE	0.4	U	
CHLORODIBROMOMETHANE	0.3	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-7
qc_type	NM
units	UG/KG
Pct_Solids	80.7
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.6	U	
CHLOROFORM	0.4	J	P
CHLOROMETHANE	1	U	
CHLOROPRENE	0.5	U	
CIS-1,2-DICHLOROETHENE	0.5	U	
CIS-1,3-DICHLOROPROPENE	0.3	U	
DIBROMOMETHANE	0.6	U	
DICHLORODIFLUOROMETHANE	0.8	U	
ETHYL METHACRYLATE	1	U	
ETHYLBENZENE	0.4	U	
ISOBUTANOL	9	UR	C
M+P-XYLENES	0.9	U	
METHACRYLONITRILE	6	U	
METHYL IODIDE	1	U	
METHYL METHACRYLATE	0.6	U	
METHYLENE CHLORIDE	6	U	A
O-XYLENE	0.5	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	5	U	
STYRENE	0.4	U	
TETRACHLOROETHENE	0.6	U	
TOLUENE	0.4	U	
TOTAL XYLENES	1	U	
TRANS-1,2-DICHLOROETHENE	0.6	U	
TRANS-1,3-DICHLOROPROPENE	0.6	U	
TRANS-1,4-DICHLORO-2-BUTENE	1	U	
TRICHLOROETHENE	0.4	U	
TRICHLOROFLUOROMETHANE	0.6	U	
VINYL ACETATE	1	U	
VINYL CHLORIDE	0.8	U	

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.3	U	
1,1,2,2-TETRACHLOROETHANE	0.3	U	
1,1,2-TRICHLOROETHANE	0.2	U	
1,1-DICHLOROETHANE	0.3	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.8	U	
1,2,4-TRICHLOROBENZENE	0.9	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.2	U	
1,2-DICHLOROBENZENE	0.4	U	
1,2-DICHLOROETHANE	0.4	U	
1,2-DICHLOROPROPANE	0.4	U	
1,3-DICHLOROBENZENE	0.4	U	
1,4-DICHLOROBENZENE	0.8	U	
1,4-DIOXANE	22	UR	C
2-BUTANONE	4	U	
2-HEXANONE	4	U	
3-CHLOROPROPENE	0.8	U	
4-METHYL-2-PENTANONE	2	U	
ACETONE	6	U	
ACETONITRILE	11	UR	C
ACROLEIN	10	U	
ACRYLONITRILE	2	UR	C
BENZENE	0.4	U	
BROMODICHLOROMETHANE	0.3	U	
BROMOFORM	0.3	U	
BROMOMETHANE	0.7	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.5	U	
CHLOROBENZENE	0.3	U	
CHLORODIBROMOMETHANE	0.3	U	

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.4	U	
CHLOROFORM	0.3	U	
CHLOROMETHANE	0.8	U	
CHLOROPRENE	0.4	U	
CIS-1,2-DICHLOROETHENE	0.4	U	
CIS-1,3-DICHLOROPROPENE	0.2	U	
DIBROMOMETHANE	0.5	U	
DICHLORODIFLUOROMETHANE	0.6	U	
ETHYL METHACRYLATE	1	U	
ETHYLBENZENE	0.3	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.7	U	
METHACRYLONITRILE	5	U	
METHYL IODIDE	1	U	
METHYL METHACRYLATE	0.5	U	
METHYLENE CHLORIDE	2	U	A
O-XYLENE	0.4	U	
PENTACHLOROETHANE	1	U	
PROPIONITRILE	4	U	
STYRENE	0.3	U	
TETRACHLOROETHENE	0.5	U	
TOLUENE	0.3	U	
TOTAL XYLENES	1	U	
TRANS-1,2-DICHLOROETHENE	0.4	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.9	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.5	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.6	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW11-02-0904	nsample	KWFCSB-MW11-02-0904	nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-9	lab_id	WU3200-9	lab_id	WU3200-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	82.2	Pct_Solids	82.2	Pct_Solids	83.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.6	U	
1,1,1-TRICHLOROETHANE	0.8	U	
1,1,2,2-TETRACHLOROETHANE	0.7	U	
1,1,2-TRICHLOROETHANE	0.5	U	
1,1-DICHLOROETHANE	0.7	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1	U	
1,2-DIBROMOETHANE	0.6	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	0.8	U	
1,2-DICHLOROPROPANE	0.8	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	51	UR	C
2-BUTANONE	9	U	
2-HEXANONE	10	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	15	U	
ACETONITRILE	26	UR	C
ACROLEIN	23	U	
ACRYLONITRILE	5	UR	C
BENZENE	0.8	U	
BROMODICHLOROMETHANE	0.7	U	
BROMOFORM	0.7	U	
BROMOMETHANE	2	U	
CARBON DISULFIDE	0.8	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.7	U	
CHLORODIBROMOMETHANE	0.6	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	1	U	
CHLOROFORM	1	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.9	U	
CIS-1,2-DICHLOROETHENE	0.8	U	
CIS-1,3-DICHLOROPROPENE	0.5	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.8	U	
ISOBUTANOL	16	UR	C
M+P-XYLENES	2	U	
METHACRYLONITRILE	12	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	27	U	A
O-XYLENE	0.9	U	
PENTACHLOROETHANE	3	U	
PROPIONITRILE	8	U	
STYRENE	0.8	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.7	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.7	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.3	U	
1,1,2,2-TETRACHLOROETHANE	0.3	U	
1,1,2-TRICHLOROETHANE	0.2	U	
1,1-DICHLOROETHANE	0.3	U	
1,1-DICHLOROETHENE	0.4	U	
1,2,3-TRICHLOROPROPANE	0.8	U	
1,2,4-TRICHLOROBENZENE	0.9	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.2	U	
1,2-DICHLOROBENZENE	0.4	U	
1,2-DICHLOROETHANE	0.3	U	
1,2-DICHLOROPROPANE	0.3	U	
1,3-DICHLOROBENZENE	0.4	U	
1,4-DICHLOROBENZENE	0.7	U	
1,4-DIOXANE	20	UR	C
2-BUTANONE	4	U	
2-HEXANONE	4	U	
3-CHLOROPROPENE	0.7	U	
4-METHYL-2-PENTANONE	2	U	
ACETONE	6	U	
ACETONITRILE	10	UR	C
ACROLEIN	9	U	
ACRYLONITRILE	2	UR	C
BENZENE	0.3	U	
BROMODICHLOROMETHANE	0.3	U	
BROMOFORM	0.3	U	
BROMOMETHANE	0.7	U	
CARBON DISULFIDE	0.3	U	
CARBON TETRACHLORIDE	0.5	U	
CHLOROBENZENE	0.3	U	
CHLORODIBROMOMETHANE	0.2	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.4	U	
CHLOROFORM	0.3	U	
CHLOROMETHANE	0.7	U	
CHLOROPRENE	0.4	U	
CIS-1,2-DICHLOROETHENE	0.3	U	
CIS-1,3-DICHLOROPROPENE	0.2	U	
DIBROMOMETHANE	0.5	U	
DICHLORODIFLUOROMETHANE	0.6	U	
ETHYL METHACRYLATE	1	U	
ETHYLBENZENE	0.3	U	
ISOBUTANOL	6	UR	C
M+P-XYLENES	0.6	U	
METHACRYLONITRILE	4	U	
METHYL IODIDE	0.9	U	
METHYL METHACRYLATE	0.4	U	
METHYLENE CHLORIDE	5	U	A
O-XYLENE	0.4	U	
PENTACHLOROETHANE	1	U	
PROPIONITRILE	3	U	
STYRENE	0.3	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.3	U	
TOTAL XYLENES	1	U	
TRANS-1,2-DICHLOROETHENE	0.4	U	
TRANS-1,3-DICHLOROPROPENE	0.4	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.8	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.4	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.6	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.3	U	
1,1,1-TRICHLOROETHANE	0.4	U	
1,1,2,2-TETRACHLOROETHANE	0.3	U	
1,1,2-TRICHLOROETHANE	0.2	U	
1,1-DICHLOROETHANE	0.3	U	
1,1-DICHLOROETHENE	0.5	U	
1,2,3-TRICHLOROPROPANE	0.9	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.5	U	
1,2-DIBROMOETHANE	0.3	U	
1,2-DICHLOROBENZENE	0.5	U	
1,2-DICHLOROETHANE	0.4	U	
1,2-DICHLOROPROPANE	0.4	U	
1,3-DICHLOROBENZENE	0.5	U	
1,4-DICHLOROBENZENE	0.8	U	
1,4-DIOXANE	23	UR	C
2-BUTANONE	4	U	
2-HEXANONE	5	U	
3-CHLOROPROPENE	0.8	U	
4-METHYL-2-PENTANONE	2	U	
ACETONE	7	U	
ACETONITRILE	12	UR	C
ACROLEIN	10	U	
ACRYLONITRILE	2	UR	C
BENZENE	0.4	U	
BROMODICHLOROMETHANE	0.3	U	
BROMOFORM	0.3	U	
BROMOMETHANE	0.8	U	
CARBON DISULFIDE	0.4	U	
CARBON TETRACHLORIDE	0.6	U	
CHLOROBENZENE	0.3	U	
CHLORODIBROMOMETHANE	0.3	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.5	U	
CHLOROFORM	0.3	U	
CHLOROMETHANE	0.9	U	
CHLOROPRENE	0.4	U	
CIS-1,2-DICHLOROETHENE	0.4	U	
CIS-1,3-DICHLOROPROPENE	0.2	U	
DIBROMOMETHANE	0.5	U	
DICHLORODIFLUOROMETHANE	0.6	U	
ETHYL METHACRYLATE	1	U	
ETHYLBENZENE	0.3	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.7	U	
METHACRYLONITRILE	5	U	
METHYL IODIDE	1	U	
METHYL METHACRYLATE	0.5	U	
METHYLENE CHLORIDE	6	U	A
O-XYLENE	0.4	U	
PENTACHLOROETHANE	1	U	
PROPIONITRILE	4	U	
STYRENE	0.4	U	
TETRACHLOROETHENE	0.5	U	
TOLUENE	0.3	U	
TOTAL XYLENES	1	U	
TRANS-1,2-DICHLOROETHENE	0.5	U	
TRANS-1,3-DICHLOROPROPENE	0.5	U	
TRANS-1,4-DICHLORO-2-BUTENE	1	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.5	U	
VINYL ACETATE	0.9	U	
VINYL CHLORIDE	0.7	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-SS01-02-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/23/2004
lab_id	WU3200-12RA	lab_id	WU3200-12RA	lab_id	WU3200-14
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.2	Pct_Solids	84.2	Pct_Solids	88.3
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.4	U	
1,1,1-TRICHLOROETHANE	0.6	U	
1,1,2,2-TETRACHLOROETHANE	0.6	U	
1,1,2-TRICHLOROETHANE	0.4	U	
1,1-DICHLOROETHANE	0.5	U	
1,1-DICHLOROETHENE	0.8	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	
1,2-DIBROMOETHANE	0.4	U	
1,2-DICHLOROBENZENE	0.8	U	
1,2-DICHLOROETHANE	0.6	U	
1,2-DICHLOROPROPANE	0.6	U	
1,3-DICHLOROBENZENE	0.8	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	38	UR	C
2-BUTANONE	7	U	
2-HEXANONE	8	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	11	U	
ACETONITRILE	19	UR	C
ACROLEIN	17	U	
ACRYLONITRILE	3	UR	C
BENZENE	0.6	U	
BROMODICHLOROMETHANE	0.5	U	
BROMOFORM	0.5	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.6	U	
CARBON TETRACHLORIDE	0.9	U	
CHLOROBENZENE	0.5	U	
CHLORODIBROMOMETHANE	0.5	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.8	U	
CHLOROFORM	1	J	P
CHLOROMETHANE	1	U	
CHLOROPRENE	0.7	U	
CIS-1,2-DICHLOROETHENE	0.6	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	
DIBROMOMETHANE	0.9	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.6	U	
ISOBUTANOL	12	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	9	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	0.9	U	
METHYLENE CHLORIDE	24	U	A
O-XYLENE	0.7	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	6	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.8	U	
TOLUENE	0.6	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.8	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.5	U	
TRICHLOROFLUOROMETHANE	2	J	P
VINYL ACETATE	1	U	
VINYL CHLORIDE	1	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.6	U	
1,1,1-TRICHLOROETHANE	0.8	U	
1,1,2,2-TETRACHLOROETHANE	0.8	U	
1,1,2-TRICHLOROETHANE	0.6	U	
1,1-DICHLOROETHANE	0.7	U	
1,1-DICHLOROETHENE	1	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	1	U	
1,2-DIBROMOETHANE	0.6	U	
1,2-DICHLOROBENZENE	1	U	
1,2-DICHLOROETHANE	0.8	U	
1,2-DICHLOROPROPANE	0.9	U	
1,3-DICHLOROBENZENE	1	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	52	UR	C
2-BUTANONE	9	U	
2-HEXANONE	11	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	5	U	
ACETONE	15	U	
ACETONITRILE	26	UR	C
ACROLEIN	23	U	
ACRYLONITRILE	5	UR	C
BENZENE	0.9	U	
BROMODICHLOROMETHANE	0.7	U	
BROMOFORM	0.7	U	
BROMOMETHANE	2	U	
CARBON DISULFIDE	0.8	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.7	U	
CHLORODIBROMOMETHANE	0.6	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-SS01-02-0904
samp_date	9/23/2004
lab_id	WU3200-14
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	1	U	
CHLOROFORM	0.9	J	P
CHLOROMETHANE	2	U	
CHLOROPRENE	0.9	U	
CIS-1,2-DICHLOROETHENE	0.8	U	
CIS-1,3-DICHLOROPROPENE	0.6	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.8	U	
ISOBUTANOL	16	UR	C
M+P-XYLENES	2	U	
METHACRYLONITRILE	12	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	24	U	A
O-XYLENE	0.9	U	
PENTACHLOROETHANE	3	U	
PROPIONITRILE	9	U	
STYRENE	0.8	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.7	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	1	U	
TRANS-1,3-DICHLOROPROPENE	1	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.7	U	
TRICHLOROFLUOROMETHANE	1	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	2	U	

nsample	KWFCSB-SS01-04-0904
samp_date	9/23/2004
lab_id	WU3200-15
qc_type	NM
units	UG/KG
Pct_Solids	85.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.3	U	
1,1,1-TRICHLOROETHANE	0.4	U	
1,1,2,2-TETRACHLOROETHANE	0.3	U	
1,1,2-TRICHLOROETHANE	0.2	U	
1,1-DICHLOROETHANE	0.3	U	
1,1-DICHLOROETHENE	0.5	U	
1,2,3-TRICHLOROPROPANE	0.9	U	
1,2,4-TRICHLOROBENZENE	1	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.5	U	
1,2-DIBROMOETHANE	0.3	U	
1,2-DICHLOROBENZENE	0.5	U	
1,2-DICHLOROETHANE	0.4	U	
1,2-DICHLOROPROPANE	0.4	U	
1,3-DICHLOROBENZENE	0.5	U	
1,4-DICHLOROBENZENE	0.8	U	
1,4-DIOXANE	24	UR	C
2-BUTANONE	4	U	
2-HEXANONE	5	U	
3-CHLOROPROPENE	0.8	U	
4-METHYL-2-PENTANONE	2	U	
ACETONE	17	J	P
ACETONITRILE	12	UR	C
ACROLEIN	11	U	
ACRYLONITRILE	2	UR	C
BENZENE	0.4	U	
BROMODICHLOROMETHANE	0.3	U	
BROMOFORM	0.3	U	
BROMOMETHANE	0.8	U	
CARBON DISULFIDE	0.4	U	
CARBON TETRACHLORIDE	0.6	U	
CHLOROBENZENE	0.3	U	
CHLORODIBROMOMETHANE	0.3	U	

nsample	KWFCSB-SS01-04-0904
samp_date	9/23/2004
lab_id	WU3200-15
qc_type	NM
units	UG/KG
Pct_Solids	85.9
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.5	U	
CHLOROFORM	0.3	U	
CHLOROMETHANE	0.9	U	
CHLOROPRENE	0.4	U	
CIS-1,2-DICHLOROETHENE	0.4	U	
CIS-1,3-DICHLOROPROPENE	0.2	U	
DIBROMOMETHANE	0.5	U	
DICHLORODIFLUOROMETHANE	0.6	U	
ETHYL METHACRYLATE	1	U	
ETHYLBENZENE	0.4	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.8	U	
METHACRYLONITRILE	5	U	
METHYL IODIDE	1	U	
METHYL METHACRYLATE	0.5	U	
METHYLENE CHLORIDE	7	U	A
O-XYLENE	0.4	U	
PENTACHLOROETHANE	1	U	
PROPIONITRILE	4	U	
STYRENE	0.4	U	
TETRACHLOROETHENE	0.5	U	
TOLUENE	0.3	U	
TOTAL XYLENES	1	U	
TRANS-1,2-DICHLOROETHENE	0.5	U	
TRANS-1,3-DICHLOROPROPENE	0.5	U	
TRANS-1,4-DICHLORO-2-BUTENE	1	U	
TRICHLOROETHENE	0.3	U	
TRICHLOROFLUOROMETHANE	0.8	J	P
VINYL ACETATE	0.9	U	
VINYL CHLORIDE	0.7	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.5	U	
1,1,1-TRICHLOROETHANE	0.7	U	
1,1,2,2-TETRACHLOROETHANE	0.6	U	
1,1,2-TRICHLOROETHANE	0.5	U	
1,1-DICHLOROETHANE	0.6	U	
1,1-DICHLOROETHENE	0.9	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.9	U	
1,2-DIBROMOETHANE	0.5	U	
1,2-DICHLOROBENZENE	0.9	U	
1,2-DICHLOROETHANE	0.7	U	
1,2-DICHLOROPROPANE	0.7	U	
1,3-DICHLOROBENZENE	0.9	U	
1,4-DICHLOROBENZENE	2	U	
1,4-DIOXANE	44	UR	C
2-BUTANONE	8	U	
2-HEXANONE	9	U	
3-CHLOROPROPENE	2	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	15	J	P
ACETONITRILE	22	UR	C
ACROLEIN	20	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.7	U	
BROMODICHLOROMETHANE	0.6	U	
BROMOFORM	0.6	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.7	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.6	U	
CHLORODIBROMOMETHANE	0.5	U	

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.9	U	
CHLOROFORM	0.6	U	
CHLOROMETHANE	2	U	
CHLOROPRENE	0.8	U	
CIS-1,2-DICHLOROETHENE	0.7	U	
CIS-1,3-DICHLOROPROPENE	0.5	U	
DIBROMOMETHANE	1	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.6	U	
ISOBUTANOL	14	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	10	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	1	U	
METHYLENE CHLORIDE	16	U	A
O-XYLENE	0.8	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	7	U	
STYRENE	0.7	U	
TETRACHLOROETHENE	1	U	
TOLUENE	0.6	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.9	U	
TRANS-1,3-DICHLOROPROPENE	0.9	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.6	U	
TRICHLOROFLUOROMETHANE	0.9	U	
VINYL ACETATE	2	U	
VINYL CHLORIDE	1	U	

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.5	U	
1,1,1-TRICHLOROETHANE	0.6	U	
1,1,2,2-TETRACHLOROETHANE	0.6	U	
1,1,2-TRICHLOROETHANE	0.4	U	
1,1-DICHLOROETHANE	0.5	U	
1,1-DICHLOROETHENE	0.8	U	
1,2,3-TRICHLOROPROPANE	2	U	
1,2,4-TRICHLOROBENZENE	2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.8	U	
1,2-DIBROMOETHANE	0.5	U	
1,2-DICHLOROBENZENE	0.8	U	
1,2-DICHLOROETHANE	0.6	U	
1,2-DICHLOROPROPANE	0.7	U	
1,3-DICHLOROBENZENE	0.8	U	
1,4-DICHLOROBENZENE	1	U	
1,4-DIOXANE	40	UR	C
2-BUTANONE	7	U	
2-HEXANONE	8	U	
3-CHLOROPROPENE	1	U	
4-METHYL-2-PENTANONE	4	U	
ACETONE	12	U	
ACETONITRILE	20	UR	C
ACROLEIN	18	U	
ACRYLONITRILE	4	UR	C
BENZENE	0.7	U	
BROMODICHLOROMETHANE	0.5	U	
BROMOFORM	0.6	U	
BROMOMETHANE	1	U	
CARBON DISULFIDE	0.6	U	
CARBON TETRACHLORIDE	1	U	
CHLOROBENZENE	0.5	U	
CHLORODIBROMOMETHANE	0.5	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OV

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.8	U	
CHLOROFORM	0.7	J	P
CHLOROMETHANE	1	U	
CHLOROPRENE	0.7	U	
CIS-1,2-DICHLOROETHENE	0.6	U	
CIS-1,3-DICHLOROPROPENE	0.4	U	
DIBROMOMETHANE	0.9	U	
DICHLORODIFLUOROMETHANE	1	U	
ETHYL METHACRYLATE	2	U	
ETHYLBENZENE	0.6	U	
ISOBUTANOL	12	UR	C
M+P-XYLENES	1	U	
METHACRYLONITRILE	9	U	
METHYL IODIDE	2	U	
METHYL METHACRYLATE	0.9	U	
METHYLENE CHLORIDE	16	U	A
O-XYLENE	0.7	U	
PENTACHLOROETHANE	2	U	
PROPIONITRILE	7	U	
STYRENE	0.6	U	
TETRACHLOROETHENE	0.9	U	
TOLUENE	0.6	U	
TOTAL XYLENES	2	U	
TRANS-1,2-DICHLOROETHENE	0.8	U	
TRANS-1,3-DICHLOROPROPENE	0.8	U	
TRANS-1,4-DICHLORO-2-BUTENE	2	U	
TRICHLOROETHENE	0.5	U	
TRICHLOROFLUOROMETHANE	3	J	P
VINYL ACETATE	1	U	
VINYL CHLORIDE	1	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	92	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	47	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	95	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	77	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	380	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	73	U	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	82	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	46	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	380	U	UR	C
5-NITRO-O-TOLUIDINE	380	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	31	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	380	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	36	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	39	U	U	
BENZYL ALCOHOL	50	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	380	U	U	
CHRYSENE	45	U	U	
DIALLATE	380	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	51	U	U	
DIETHYL PHTHALATE	39	U	U	

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	34	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	66	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	U	U	
ISODRIN	380	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	380	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	380	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	40	U	U	
N-NITROSODIETHYLAMINE	380	U	U	
N-NITROSODIMETHYLAMINE	99	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	35	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	380	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	380	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	33	U	U	
PHENOL	80	U	U	
PRONAMIDE	190	U	U	
PYRENE	38	U	U	
PYRIDINE	47	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	91	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	47	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	57	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	94	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	77	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	380	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	73	U	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	82	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	46	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	380	U	UR	C
5-NITRO-O-TOLUIDINE	380	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	41	U	U	
ACENAPHTHYLENE	31	U	U	
ACETOPHENONE	30	U	U	
ANILINE	100	U	U	
ANTHRACENE	34	U	U	
ARAMITE	380	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	36	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	39	U	U	
BENZYL ALCOHOL	50	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	39	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	380	U	U	
CHRYSENE	45	U	U	
DIALLATE	380	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	51	U	U	
DIETHYL PHTHALATE	38	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	34	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	66	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	U	U	
ISODRIN	380	U	U	
ISOPHORONE	30	U	U	
ISOSAFROLE	380	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	380	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	40	U	U	
N-NITROSODIETHYLAMINE	380	U	U	
N-NITROSODIMETHYLAMINE	99	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	35	U	U	
N-NITROSODIPHENYLAMINE	74	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	380	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	380	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	33	U	U	
PHENOL	80	U	U	
PRONAMIDE	190	U	U	
PYRENE	37	U	U	
PYRIDINE	47	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-2
qc_type	NM
units	UG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	93	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	96	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	78	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	390	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	74	U	U	
4,6-DINITRO-2-METHYLPHENOL	78	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-2
qc_type	NM
units	UG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	83	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	47	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	390	U	UR	C
5-NITRO-O-TOLUIDINE	390	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	390	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	37	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	51	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	41	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	390	U	U	
CHRYSENE	45	U	U	
DIALLATE	390	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	52	U	U	
DIETHYL PHTHALATE	39	U	U	

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-2
qc_type	NM
units	UG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	67	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	57	U	U	
ISODRIN	390	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	390	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	390	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	41	U	U	
N-NITROSODIETHYLAMINE	390	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	76	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-2
qc_type	NM
units	UG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	390	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	34	U	U	
PHENOL	81	U	U	
PRONAMIDE	190	U	U	
PYRENE	38	U	U	
PYRIDINE	48	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-3
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	110	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	110	U	U	
2,4-DIMETHYLPHENOL	97	U	U	
2,4-DINITROPHENOL	510	U	U	
2,4-DINITROTOLUENE	50	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	61	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	38	U	U	
2-CHLOROPHENOL	160	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	100	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	82	U	U	
2-NITROPHENOL	110	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	410	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	77	U	U	
4,6-DINITRO-2-METHYLPHENOL	82	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	52	U	U	

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-3
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	87	U	U	
4-CHLOROANILINE	30	U	U	
4-CHLOROPHENYL PHENYL ETHER	49	U	U	
4-NITROANILINE	120	U	U	
4-NITROPHENOL	170	U	U	
4-NITROQUINOLINE-1-OXIDE	410	U	UR	C
5-NITRO-O-TOLUIDINE	410	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	44	U	U	
ACENAPHTHYLENE	42	I	J	P
ACETOPHENONE	32	U	U	
ANILINE	110	U	U	
ANTHRACENE	37	U	U	
ARAMITE	410	U	U	
BENZO(A)ANTHRACENE	39	J	J	P
BENZO(A)PYRENE	230	I	J	P
BENZO(B)FLUORANTHENE	310	I	J	P
BENZO(G,H,I)PERYLENE	81	I	J	P
BENZO(K)FLUORANTHENE	81	I	J	P
BENZYL ALCOHOL	53	U	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	U	
BIS(2-CHLOROETHYL)ETHER	42	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	43	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	410	U	U	
CHRYSENE	120	I	J	P
DIALLATE	410	U	U	
DIBENZO(A,H)ANTHRACENE	50	U	U	
DIBENZOFURAN	54	U	U	
DIETHYL PHTHALATE	41	U	U	

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-3
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	36	U	U	
DI-N-BUTYL PHTHALATE	51	U	U	
DI-N-OCTYL PHTHALATE	240	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	350	I	J	P
FLUORENE	34	U	U	
HEXACHLOROBENZENE	110	U	U	
HEXACHLOROBUTADIENE	70	U	U	
HEXACHLOROCYCLOPENTADIENE	32	U	U	
HEXACHLOROETHANE	34	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	74	I	J	P
ISODRIN	410	U	U	
ISOPHORONE	32	U	U	
ISOSAFROLE	410	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	410	U	U	
NAPHTHALENE	46	U	U	
NITROBENZENE	43	U	U	
N-NITROSODIETHYLAMINE	410	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	38	U	U	
N-NITROSODIPHENYLAMINE	79	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-3
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	410	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	410	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	180	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	35	U	U	
PHENOL	85	U	U	
PRONAMIDE	200	U	U	
PYRENE	120	I	J	P
PYRIDINE	50	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-4
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	92	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	96	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	78	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	390	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	74	U	U	
4,6-DINITRO-2-METHYLPHENOL	78	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-4
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	83	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	46	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	390	U	UR	C
5-NITRO-O-TOLUIDINE	390	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	390	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	37	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	50	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	390	U	U	
CHRYSENE	45	U	U	
DIALLATE	390	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	51	U	U	
DIETHYL PHTHALATE	39	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-4
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	67	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	57	U	U	
ISODRIN	390	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	390	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	390	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	41	U	U	
N-NITROSODIETHYLAMINE	390	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-4
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	390	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	34	U	U	
PHENOL	81	U	U	
PRONAMIDE	190	U	U	
PYRENE	38	U	U	
PYRIDINE	48	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-5
qc_type	NM
units	UG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	99	U	U	
2,4-DIMETHYLPHENOL	90	U	U	
2,4-DINITROPHENOL	470	U	U	
2,4-DINITROTOLUENE	46	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	56	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	35	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	93	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	76	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	380	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	72	U	U	
4,6-DINITRO-2-METHYLPHENOL	76	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	48	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-5
qc_type	NM
units	UG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	81	U	U	
4-CHLOROANILINE	27	U	U	
4-CHLOROPHENYL PHENYL ETHER	45	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	380	U	UR	C
5-NITRO-O-TOLUIDINE	380	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	41	U	U	
ACENAPHTHYLENE	31	U	U	
ACETOPHENONE	29	U	U	
ANILINE	100	U	U	
ANTHRACENE	34	U	U	
ARAMITE	380	U	U	
BENZO(A)ANTHRACENE	28	U	U	
BENZO(A)PYRENE	36	U	U	
BENZO(B)FLUORANTHENE	47	U	U	
BENZO(G,H,I)PERYLENE	44	U	U	
BENZO(K)FLUORANTHENE	39	U	U	
BENZYL ALCOHOL	49	U	U	
BIS(2-CHLOROETHOXY)METHANE	30	U	U	
BIS(2-CHLOROETHYL)ETHER	39	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	160	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	380	U	U	
CHRYSENE	44	U	U	
DIALLATE	380	U	U	
DIBENZO(A,H)ANTHRACENE	46	U	U	
DIBENZOFURAN	50	U	U	
DIETHYL PHTHALATE	38	U	U	

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-5
qc_type	NM
units	UG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	34	U	U	
DI-N-BUTYL PHTHALATE	47	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	35	U	U	
FLUORENE	31	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	65	U	U	
HEXACHLOROCYCLOPENTADIENE	29	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	U	U	
ISODRIN	380	U	U	
ISOPHORONE	30	U	U	
ISOSAFROLE	380	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	380	U	U	
NAPHTHALENE	43	U	U	
NITROBENZENE	40	U	U	
N-NITROSODIETHYLAMINE	380	U	U	
N-NITROSODIMETHYLAMINE	97	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	35	U	U	
N-NITROSODIPHENYLAMINE	74	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-5
qc_type	NM
units	UG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	380	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	380	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	33	U	U	
PHENOL	79	U	U	
PRONAMIDE	190	U	U	
PYRENE	37	U	U	
PYRIDINE	47	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW09-04-0904
samp_date	9/22/2004
lab_id	WU3200-6
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	93	U	U	
2,4-DINITROPHENOL	490	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	37	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	96	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	79	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	390	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	74	U	U	
4,6-DINITRO-2-METHYLPHENOL	78	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	50	U	U	

nsample	KWFCSB-MW09-04-0904
samp_date	9/22/2004
lab_id	WU3200-6
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	84	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	47	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	390	U	UR	C
5-NITRO-O-TOLUIDINE	390	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	390	U	U	
BENZO(A)ANTHRACENE	30	U	U	
BENZO(A)PYRENE	37	U	U	
BENZO(B)FLUORANTHENE	49	U	U	
BENZO(G,H,I)PERYLENE	46	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	51	U	U	
BIS(2-CHLOROETHOXY)METHANE	32	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	41	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	390	U	U	
CHRYSENE	46	U	U	
DIALLATE	390	U	U	
DIBENZO(A,H)ANTHRACENE	48	U	U	
DIBENZOFURAN	52	U	U	
DIETHYL PHTHALATE	39	U	U	

nsample	KWFCSB-MW09-04-0904
samp_date	9/22/2004
lab_id	WU3200-6
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	49	U	U	
DI-N-OCTYL PHTHALATE	230	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	68	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	57	U	U	
ISODRIN	390	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	390	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	390	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	41	U	U	
N-NITROSODIETHYLAMINE	390	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	76	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW09-04-0904
samp_date	9/22/2004
lab_id	WU3200-6
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	390	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	34	U	U	
PHENOL	82	U	U	
PRONAMIDE	200	U	U	
PYRENE	38	U	U	
PYRIDINE	48	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-7
qc_type	NM
units	UG/KG
Pct_Solids	80.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	110	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	110	U	U	
2,4-DIMETHYLPHENOL	97	U	U	
2,4-DINITROPHENOL	510	U	U	
2,4-DINITROTOLUENE	50	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	61	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	38	U	U	
2-CHLOROPHENOL	160	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	100	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	82	U	U	
2-NITROPHENOL	110	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	410	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	78	U	U	
4,6-DINITRO-2-METHYLPHENOL	82	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	52	U	U	

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-7
qc_type	NM
units	UG/KG
Pct_Solids	80.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	88	U	U	
4-CHLOROANILINE	30	U	U	
4-CHLOROPHENYL PHENYL ETHER	49	U	U	
4-NITROANILINE	120	U	U	
4-NITROPHENOL	170	U	U	
4-NITROQUINOLINE-1-OXIDE	410	U	UR	C
5-NITRO-O-TOLUIDINE	410	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	44	U	U	
ACENAPHTHYLENE	33	U	U	
ACETOPHENONE	32	U	U	
ANILINE	110	U	U	
ANTHRACENE	37	U	U	
ARAMITE	410	U	U	
BENZO(A)ANTHRACENE	37	J	J	P
BENZO(A)PYRENE	240	I	J	P
BENZO(B)FLUORANTHENE	270	I	J	P
BENZO(G,H,I)PERYLENE	78	I	J	P
BENZO(K)FLUORANTHENE	66	I	J	P
BENZYL ALCOHOL	53	U	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	U	
BIS(2-CHLOROETHYL)ETHER	42	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	43	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	410	U	U	
CHRYSENE	50	I	J	P
DIALLATE	410	U	U	
DIBENZO(A,H)ANTHRACENE	50	U	U	
DIBENZOFURAN	54	U	U	
DIETHYL PHTHALATE	41	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-7
qc_type	NM
units	UG/KG
Pct_Solids	80.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	36	U	U	
DI-N-BUTYL PHTHALATE	51	U	U	
DI-N-OCTYL PHTHALATE	240	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	280	I	J	P
FLUORENE	34	U	U	
HEXACHLOROBENZENE	110	U	U	
HEXACHLOROBUTADIENE	71	U	U	
HEXACHLOROCYCLOPENTADIENE	32	U	U	
HEXACHLOROETHANE	34	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	78	I	J	P
ISODRIN	410	U	U	
ISOPHORONE	33	U	U	
ISOSAFROLE	410	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	410	U	U	
NAPHTHALENE	46	U	U	
NITROBENZENE	43	U	U	
N-NITROSODIETHYLAMINE	410	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	38	U	U	
N-NITROSODIPHENYLAMINE	80	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-7
qc_type	NM
units	UG/KG
Pct_Solids	80.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	410	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	410	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	180	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	36	U	U	
PHENOL	85	U	U	
PRONAMIDE	200	U	U	
PYRENE	40	U	U	
PYRIDINE	50	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	210	U	U	
1,3,5-TRINITROBENZENE	210	U	U	
1,3-DINITROBENZENE	210	U	U	
1,4-NAPHTHOQUINONE	210	U	U	
1,4-PHENYLENEDIAMINE	210	U	U	
1-NAPHTHYLAMINE	210	U	U	
2,3,4,6-TETRACHLOROPHENOL	210	U	U	
2,4,5-TRICHLOROPHENOL	110	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	110	U	U	
2,4-DIMETHYLPHENOL	98	U	U	
2,4-DINITROPHENOL	510	U	U	
2,4-DINITROTOLUENE	51	U	U	
2,6-DICHLOROPHENOL	210	U	U	
2,6-DINITROTOLUENE	62	U	U	
2-ACETYLAMINOFLUORENE	210	U	U	
2-CHLORONAPHTHALENE	39	U	U	
2-CHLOROPHENOL	160	U	U	
2-METHYLNAPHTHALENE	190	U	U	
2-METHYLPHENOL	100	U	U	
2-NAPHTHYLAMINE	210	U	U	
2-NITROANILINE	83	U	U	
2-NITROPHENOL	110	U	U	
2-PICOLINE	210	U	U	
3&4-METHYLPHENOL	210	U	U	
3,3'-DICHLOROBENZIDINE	210	U	U	
3,3'-DIMETHYLBENZIDINE	410	U	U	
3-METHYLCHOLANTHRENE	210	U	U	
3-NITROANILINE	78	U	U	
4,6-DINITRO-2-METHYLPHENOL	83	U	U	
4-AMINOBIPHENYL	210	U	U	
4-BROMOPHENYL PHENYL ETHER	52	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	88	U	U	
4-CHLOROANILINE	30	U	U	
4-CHLOROPHENYL PHENYL ETHER	50	U	U	
4-NITROANILINE	120	U	U	
4-NITROPHENOL	170	U	U	
4-NITROQUINOLINE-1-OXIDE	410	U	UR	C
5-NITRO-O-TOLUIDINE	410	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	210	U	U	
A,A-DIMETHYLPHENETHYLAMINE	210	U	U	
ACENAPHTHENE	45	U	U	
ACENAPHTHYLENE	34	U	U	
ACETOPHENONE	32	U	U	
ANILINE	110	U	U	
ANTHRACENE	37	U	U	
ARAMITE	410	U	U	
BENZO(A)ANTHRACENE	31	U	U	
BENZO(A)PYRENE	39	U	U	
BENZO(B)FLUORANTHENE	52	U	U	
BENZO(G,H,I)PERYLENE	48	U	U	
BENZO(K)FLUORANTHENE	42	U	U	
BENZYL ALCOHOL	54	U	U	
BIS(2-CHLOROETHOXY)METHANE	33	U	U	
BIS(2-CHLOROETHYL)ETHER	42	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	43	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	U	
BUTYL BENZYL PHTHALATE	120	U	U	
CHLOROBENZILATE	410	U	U	
CHRYSENE	48	U	U	
DIALLATE	410	U	U	
DIBENZO(A,H)ANTHRACENE	50	U	U	
DIBENZOFURAN	55	U	U	
DIETHYL PHTHALATE	42	U	U	

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	210	U	U	
DIMETHYL PHTHALATE	37	U	U	
DI-N-BUTYL PHTHALATE	51	U	U	
DI-N-OCTYL PHTHALATE	240	U	U	
DINOSEB	210	U	U	
ETHYL METHANE SULFONATE	210	U	U	
ETHYL PARATHION	210	U	U	
FLUORANTHENE	38	U	U	
FLUORENE	34	U	U	
HEXACHLOROBENZENE	110	U	U	
HEXACHLOROBUTADIENE	71	U	U	
HEXACHLOROCYCLOPENTADIENE	32	U	U	
HEXACHLOROETHANE	35	U	U	
HEXACHLOROPHENE	210	U	U	
HEXACHLOROPROPENE	210	U	U	
INDENO(1,2,3-CD)PYRENE	61	U	U	
ISODRIN	410	U	U	
ISOPHORONE	33	U	U	
ISOSAFROLE	410	U	U	
KEPONE	210	U	U	
METHAPYRILENE	210	U	U	
METHYL METHANE SULFONATE	410	U	U	
NAPHTHALENE	47	U	U	
NITROBENZENE	43	U	U	
N-NITROSODIETHYLAMINE	410	U	U	
N-NITROSODIMETHYLAMINE	110	U	U	
N-NITROSO-DI-N-BUTYLAMINE	210	U	U	
N-NITROSO-DI-N-PROPYLAMINE	38	U	U	
N-NITROSODIPHENYLAMINE	80	U	U	
N-NITROSOMETHYLETHYLAMINE	210	U	U	
N-NITROSOMORPHOLINE	210	U	U	
N-NITROSOPIPERIDINE	210	U	U	

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-8
qc_type	NM
units	UG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	210	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	410	U	U	
O-TOLUIDINE	210	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	410	U	U	
PENTACHLOROBENZENE	210	U	U	
PENTACHLORONITROBENZENE	210	U	U	
PENTACHLOROPHENOL	180	U	U	
PHENACETIN	210	U	U	
PHENANTHRENE	36	U	U	
PHENOL	86	U	U	
PRONAMIDE	210	U	U	
PYRENE	40	U	U	
PYRIDINE	51	U	U	
SAFROLE	210	U	U	
SULFOTEPP	210	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-9
qc_type	NM
units	UG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	110	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	95	U	U	
2,4-DINITROPHENOL	500	U	U	
2,4-DINITROTOLUENE	49	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	60	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	38	U	U	
2-CHLOROPHENOL	160	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	99	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	81	U	U	
2-NITROPHENOL	110	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	400	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	76	U	U	
4,6-DINITRO-2-METHYLPHENOL	80	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	51	U	U	

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-9
qc_type	NM
units	UG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	86	U	U	
4-CHLOROANILINE	29	U	U	
4-CHLOROPHENYL PHENYL ETHER	48	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	400	U	UR	C
5-NITRO-O-TOLUIDINE	400	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	43	U	U	
ACENAPHTHYLENE	33	U	U	
ACETOPHENONE	31	U	U	
ANILINE	110	U	U	
ANTHRACENE	36	U	U	
ARAMITE	400	U	U	
BENZO(A)ANTHRACENE	30	U	U	
BENZO(A)PYRENE	38	U	U	
BENZO(B)FLUORANTHENE	50	U	U	
BENZO(G,H,I)PERYLENE	47	U	U	
BENZO(K)FLUORANTHENE	41	U	U	
BENZYL ALCOHOL	52	U	U	
BIS(2-CHLOROETHOXY)METHANE	32	U	U	
BIS(2-CHLOROETHYL)ETHER	41	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	42	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	180	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	400	U	U	
CHRYSENE	47	U	U	
DIALLATE	400	U	U	
DIBENZO(A,H)ANTHRACENE	49	U	U	
DIBENZOFURAN	53	U	U	
DIETHYL PHTHALATE	40	U	U	

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-9
qc_type	NM
units	UG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	36	U	U	
DI-N-BUTYL PHTHALATE	50	U	U	
DI-N-OCTYL PHTHALATE	230	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	37	U	U	
FLUORENE	33	U	U	
HEXACHLOROBENZENE	110	U	U	
HEXACHLOROBUTADIENE	69	U	U	
HEXACHLOROCYCLOPENTADIENE	31	U	U	
HEXACHLOROETHANE	34	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	59	U	U	
ISODRIN	400	U	U	
ISOPHORONE	32	U	U	
ISOSAFROLE	400	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	400	U	U	
NAPHTHALENE	46	U	U	
NITROBENZENE	42	U	U	
N-NITROSODIETHYLAMINE	400	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	37	U	U	
N-NITROSODIPHENYLAMINE	78	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-9
qc_type	NM
units	UG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	400	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	400	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	180	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	35	U	U	
PHENOL	84	U	U	
PRONAMIDE	200	U	U	
PYRENE	39	U	U	
PYRIDINE	49	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	110	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	94	U	U	
2,4-DINITROPHENOL	490	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	59	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	37	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	98	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	80	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	400	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	75	U	U	
4,6-DINITRO-2-METHYLPHENOL	79	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	50	U	U	

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	85	U	U	
4-CHLOROANILINE	29	U	U	
4-CHLOROPHENYL PHENYL ETHER	47	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	400	U	UR	C
5-NITRO-O-TOLUIDINE	400	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	43	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	31	U	U	
ANILINE	110	U	U	
ANTHRACENE	36	U	U	
ARAMITE	400	U	U	
BENZO(A)ANTHRACENE	30	U	U	
BENZO(A)PYRENE	38	U	U	
BENZO(B)FLUORANTHENE	49	U	U	
BENZO(G,H,I)PERYLENE	46	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	52	U	U	
BIS(2-CHLOROETHOXY)METHANE	32	U	U	
BIS(2-CHLOROETHYL)ETHER	41	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	41	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	400	U	U	
CHRYSENE	46	U	U	
DIALLATE	400	U	U	
DIBENZO(A,H)ANTHRACENE	48	U	U	
DIBENZOFURAN	52	U	U	
DIETHYL PHTHALATE	40	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	49	U	U	
DI-N-OCTYL PHTHALATE	230	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	37	U	U	
FLUORENE	33	U	U	
HEXACHLOROBENZENE	110	U	U	
HEXACHLOROBUTADIENE	68	U	U	
HEXACHLOROCYCLOPENTADIENE	31	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	58	U	U	
ISODRIN	400	U	U	
ISOPHORONE	32	U	U	
ISOSAFROLE	400	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	400	U	U	
NAPHTHALENE	45	U	U	
NITROBENZENE	42	U	U	
N-NITROSODIETHYLAMINE	400	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	77	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	400	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	400	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	34	U	U	
PHENOL	83	U	U	
PRONAMIDE	200	U	U	
PYRENE	39	U	U	
PYRIDINE	49	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	91	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	47	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	57	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	95	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	77	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	380	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	73	U	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	82	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	46	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	380	U	UR	C
5-NITRO-O-TOLUIDINE	380	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	41	U	U	
ACENAPHTHYLENE	31	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	34	U	U	
ARAMITE	380	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	36	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	39	U	U	
BENZYL ALCOHOL	50	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	380	U	U	
CHRYSENE	45	U	U	
DIALLATE	380	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	51	U	U	
DIETHYL PHTHALATE	38	U	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	34	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	66	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	U	U	
ISODRIN	380	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	380	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	380	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	40	U	U	
N-NITROSODIETHYLAMINE	380	U	U	
N-NITROSODIMETHYLAMINE	99	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	35	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	380	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	380	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	33	U	U	
PHENOL	80	U	U	
PRONAMIDE	190	U	U	
PYRENE	37	U	U	
PYRIDINE	47	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-MW12-04-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-12	lab_id	WU3200-12	lab_id	WU3200-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.2	Pct_Solids	84.2	Pct_Solids	84.2
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	93	U	U	
2,4-DINITROPHENOL	490	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	37	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	96	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	79	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	390	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	74	U	U	
4,6-DINITRO-2-METHYLPHENOL	78	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	50	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	84	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	47	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	390	U	UR	C
5-NITRO-O-TOLUIDINE	390	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	390	U	U	
BENZO(A)ANTHRACENE	30	U	U	
BENZO(A)PYRENE	37	U	U	
BENZO(B)FLUORANTHENE	49	U	U	
BENZO(G,H,I)PERYLENE	46	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	51	U	U	
BIS(2-CHLOROETHOXY)METHANE	32	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	41	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	390	U	U	
CHRYSENE	46	U	U	
DIALLATE	390	U	U	
DIBENZO(A,H)ANTHRACENE	48	U	U	
DIBENZOFURAN	52	U	U	
DIETHYL PHTHALATE	39	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	49	U	U	
DI-N-OCTYL PHTHALATE	230	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	68	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	58	U	U	
ISODRIN	390	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	390	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	390	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	41	U	U	
N-NITROSODIETHYLAMINE	390	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	76	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-MW12-04-0904
samp_date	9/22/2004
lab_id	WU3200-12
qc_type	NM
units	UG/KG
Pct_Solids	84.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	390	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	34	U	U	
PHENOL	82	U	U	
PRONAMIDE	200	U	U	
PYRENE	38	U	U	
PYRIDINE	48	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

nsample	KWFCSB-SS01-02-0904
samp_date	9/23/2004
lab_id	WU3200-14RA
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	98	U	U	
2,4-DIMETHYLPHENOL	89	U	U	
2,4-DINITROPHENOL	460	U	U	
2,4-DINITROTOLUENE	46	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	56	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	35	U	U	
2-CHLOROPHENOL	140	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	92	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	75	U	U	
2-NITROPHENOL	99	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	370	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	71	U	U	
4,6-DINITRO-2-METHYLPHENOL	75	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	47	U	U	

nsample	KWFCSB-SS01-02-0904
samp_date	9/23/2004
lab_id	WU3200-14RA
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	80	U	U	
4-CHLOROANILINE	27	U	U	
4-CHLOROPHENYL PHENYL ETHER	45	U	U	
4-NITROANILINE	100	U	U	
4-NITROPHENOL	150	U	U	
4-NITROQUINOLINE-1-OXIDE	370	U	UR	C
5-NITRO-O-TOLUIDINE	370	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	40	U	U	
ACENAPHTHYLENE	30	U	U	
ACETOPHENONE	29	U	U	
ANILINE	100	U	U	
ANTHRACENE	34	U	U	
ARAMITE	370	U	U	
BENZO(A)ANTHRACENE	28	U	U	
BENZO(A)PYRENE	200	I	J	P
BENZO(B)FLUORANTHENE	47	U	U	
BENZO(G,H,I)PERYLENE	44	U	U	
BENZO(K)FLUORANTHENE	38	U	U	
BENZYL ALCOHOL	48	U	U	
BIS(2-CHLOROETHOXY)METHANE	30	U	U	
BIS(2-CHLOROETHYL)ETHER	38	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	39	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	160	U	U	
BUTYL BENZYL PHTHALATE	100	U	U	
CHLOROBENZILATE	370	U	U	
CHRYSENE	43	U	U	
DIALLATE	370	U	U	
DIBENZO(A,H)ANTHRACENE	46	U	U	
DIBENZOFURAN	50	U	U	
DIETHYL PHTHALATE	37	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-SS01-02-0904
samp_date	9/23/2004
lab_id	WU3200-14RA
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	33	U	U	
DI-N-BUTYL PHTHALATE	46	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	240	I	J	P
FLUORENE	31	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	64	U	U	
HEXACHLOROCYCLOPENTADIENE	29	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	I	J	P
ISODRIN	370	U	U	
ISOPHORONE	30	U	U	
ISOSAFROLE	370	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	370	U	U	
NAPHTHALENE	42	U	U	
NITROBENZENE	39	U	U	
N-NITROSODIETHYLAMINE	370	U	U	
N-NITROSODIMETHYLAMINE	96	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	34	U	U	
N-NITROSODIPHENYLAMINE	73	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

nsample	KWFCSB-SS01-02-0904
samp_date	9/23/2004
lab_id	WU3200-14RA
qc_type	NM
units	UG/KG
Pct_Solids	88.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	370	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	370	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	160	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	32	U	U	
PHENOL	78	U	U	
PRONAMIDE	190	U	U	
PYRENE	36	U	U	
PYRIDINE	46	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

nsample	KWFCSB-SS01-04-0904
samp_date	9/23/2004
lab_id	WU3200-15RA
qc_type	NM
units	UG/KG
Pct_Solids	85.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	91	U	U	
2,4-DINITROPHENOL	480	U	U	
2,4-DINITROTOLUENE	47	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	57	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	36	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	94	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	77	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	380	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	73	U	U	
4,6-DINITRO-2-METHYLPHENOL	77	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	49	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-SS01-04-0904	nsample	KWFCSB-SS01-04-0904	nsample	KWFCSB-SS01-04-0904
samp_date	9/23/2004	samp_date	9/23/2004	samp_date	9/23/2004
lab_id	WU3200-15RA	lab_id	WU3200-15RA	lab_id	WU3200-15RA
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	85.9	Pct_Solids	85.9	Pct_Solids	85.9
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	82	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	46	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	380	U	UR	C
5-NITRO-O-TOLUIDINE	380	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	41	U	U	
ACENAPHTHYLENE	31	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	34	U	U	
ARAMITE	380	U	U	
BENZO(A)ANTHRACENE	29	U	U	
BENZO(A)PYRENE	36	U	U	
BENZO(B)FLUORANTHENE	48	U	U	
BENZO(G,H,I)PERYLENE	45	U	U	
BENZO(K)FLUORANTHENE	39	U	U	
BENZYL ALCOHOL	50	U	U	
BIS(2-CHLOROETHOXY)METHANE	31	U	U	
BIS(2-CHLOROETHYL)ETHER	39	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	40	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	380	U	U	
CHRYSENE	45	U	U	
DIALLATE	380	U	U	
DIBENZO(A,H)ANTHRACENE	47	U	U	
DIBENZOFURAN	51	U	U	
DIETHYL PHTHALATE	38	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	34	U	U	
DI-N-BUTYL PHTHALATE	48	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	66	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	32	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	56	U	U	
ISODRIN	380	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	380	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	380	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	40	U	U	
N-NITROSODIETHYLAMINE	380	U	U	
N-NITROSODIMETHYLAMINE	99	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	35	U	U	
N-NITROSODIPHENYLAMINE	75	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	380	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	380	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	33	U	U	
PHENOL	80	U	U	
PRONAMIDE	190	U	U	
PYRENE	37	U	U	
PYRIDINE	47	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	190	U	U	
1,3,5-TRINITROBENZENE	190	U	U	
1,3-DINITROBENZENE	190	U	U	
1,4-NAPHTHOQUINONE	190	U	U	
1,4-PHENYLENEDIAMINE	190	U	U	
1-NAPHTHYLAMINE	190	U	U	
2,3,4,6-TETRACHLOROPHENOL	190	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	100	U	U	
2,4-DICHLOROPHENOL	98	U	U	
2,4-DIMETHYLPHENOL	88	U	U	
2,4-DINITROPHENOL	460	U	U	
2,4-DINITROTOLUENE	46	U	U	
2,6-DICHLOROPHENOL	190	U	U	
2,6-DINITROTOLUENE	56	U	U	
2-ACETYLAMINOFLUORENE	190	U	U	
2-CHLORONAPHTHALENE	35	U	U	
2-CHLOROPHENOL	140	U	U	
2-METHYLNAPHTHALENE	170	U	U	
2-METHYLPHENOL	92	U	U	
2-NAPHTHYLAMINE	190	U	U	
2-NITROANILINE	75	U	U	
2-NITROPHENOL	99	U	U	
2-PICOLINE	190	U	U	
3&4-METHYLPHENOL	190	U	U	
3,3'-DICHLOROBENZIDINE	190	U	U	
3,3'-DIMETHYLBENZIDINE	370	U	U	
3-METHYLCHOLANTHRENE	190	U	U	
3-NITROANILINE	71	U	U	
4,6-DINITRO-2-METHYLPHENOL	74	U	U	
4-AMINOBIPHENYL	190	U	U	
4-BROMOPHENYL PHENYL ETHER	47	U	U	

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	80	U	U	
4-CHLOROANILINE	27	U	U	
4-CHLOROPHENYL PHENYL ETHER	44	U	U	
4-NITROANILINE	100	U	U	
4-NITROPHENOL	150	U	U	
4-NITROQUINOLINE-1-OXIDE	370	U	UR	C
5-NITRO-O-TOLUIDINE	370	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	190	U	U	
A,A-DIMETHYLPHENETHYLAMINE	190	U	U	
ACENAPHTHENE	40	U	U	
ACENAPHTHYLENE	30	U	U	
ACETOPHENONE	29	U	U	
ANILINE	100	U	U	
ANTHRACENE	34	U	U	
ARAMITE	370	U	U	
BENZO(A)ANTHRACENE	28	U	U	
BENZO(A)PYRENE	35	U	U	
BENZO(B)FLUORANTHENE	46	U	U	
BENZO(G,H,I)PERYLENE	43	U	U	
BENZO(K)FLUORANTHENE	38	U	U	
BENZYL ALCOHOL	48	U	U	
BIS(2-CHLOROETHOXY)METHANE	30	U	U	
BIS(2-CHLOROETHYL)ETHER	38	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	39	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	160	U	U	
BUTYL BENZYL PHTHALATE	100	U	U	
CHLOROBENZILATE	370	U	U	
CHRYSENE	43	U	U	
DIALLATE	370	U	U	
DIBENZO(A,H)ANTHRACENE	45	U	U	
DIBENZOFURAN	49	U	U	
DIETHYL PHTHALATE	37	U	U	

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	190	U	U	
DIMETHYL PHTHALATE	33	U	U	
DI-N-BUTYL PHTHALATE	46	U	U	
DI-N-OCTYL PHTHALATE	220	U	U	
DINOSEB	190	U	U	
ETHYL METHANE SULFONATE	190	U	U	
ETHYL PARATHION	190	U	U	
FLUORANTHENE	240	I	I	
FLUORENE	31	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	64	U	U	
HEXACHLOROCYCLOPENTADIENE	29	U	U	
HEXACHLOROETHANE	31	U	U	
HEXACHLOROPHENE	190	U	U	
HEXACHLOROPROPENE	190	U	U	
INDENO(1,2,3-CD)PYRENE	55	U	U	
ISODRIN	370	U	U	
ISOPHORONE	30	U	U	
ISOSAFROLE	370	U	U	
KEPONE	190	U	U	
METHAPYRILENE	190	U	U	
METHYL METHANE SULFONATE	370	U	U	
NAPHTHALENE	42	U	U	
NITROBENZENE	39	U	U	
N-NITROSODIETHYLAMINE	370	U	U	
N-NITROSODIMETHYLAMINE	96	U	U	
N-NITROSO-DI-N-BUTYLAMINE	190	U	U	
N-NITROSO-DI-N-PROPYLAMINE	34	U	U	
N-NITROSODIPHENYLAMINE	72	U	U	
N-NITROSOMETHYLETHYLAMINE	190	U	U	
N-NITROSOMORPHOLINE	190	U	U	
N-NITROSOPIPERIDINE	190	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-SS02-02-0904
samp_date	9/23/2004
lab_id	WU3200-16
qc_type	NM
units	UG/KG
Pct_Solids	88.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	190	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	370	U	U	
O-TOLUIDINE	190	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	370	U	U	
PENTACHLOROBENZENE	190	U	U	
PENTACHLORONITROBENZENE	190	U	U	
PENTACHLOROPHENOL	160	U	U	
PHENACETIN	190	U	U	
PHENANTHRENE	32	U	U	
PHENOL	78	U	U	
PRONAMIDE	190	U	U	
PYRENE	36	U	U	
PYRIDINE	46	U	U	
SAFROLE	190	U	U	
SULFOTEPP	190	U	U	

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	200	U	U	
1,3,5-TRINITROBENZENE	200	U	U	
1,3-DINITROBENZENE	200	U	U	
1,4-NAPHTHOQUINONE	200	U	U	
1,4-PHENYLENEDIAMINE	200	U	U	
1-NAPHTHYLAMINE	200	U	U	
2,3,4,6-TETRACHLOROPHENOL	200	U	U	
2,4,5-TRICHLOROPHENOL	100	U	U	
2,4,6-TRICHLOROPHENOL	110	U	U	
2,4-DICHLOROPHENOL	100	U	U	
2,4-DIMETHYLPHENOL	93	U	U	
2,4-DINITROPHENOL	490	U	U	
2,4-DINITROTOLUENE	48	U	U	
2,6-DICHLOROPHENOL	200	U	U	
2,6-DINITROTOLUENE	58	U	U	
2-ACETYLAMINOFLUORENE	200	U	U	
2-CHLORONAPHTHALENE	37	U	U	
2-CHLOROPHENOL	150	U	U	
2-METHYLNAPHTHALENE	180	U	U	
2-METHYLPHENOL	96	U	U	
2-NAPHTHYLAMINE	200	U	U	
2-NITROANILINE	79	U	U	
2-NITROPHENOL	100	U	U	
2-PICOLINE	200	U	U	
3&4-METHYLPHENOL	200	U	U	
3,3'-DICHLOROBENZIDINE	200	U	U	
3,3'-DIMETHYLBENZIDINE	390	U	U	
3-METHYLCHOLANTHRENE	200	U	U	
3-NITROANILINE	74	U	U	
4,6-DINITRO-2-METHYLPHENOL	78	U	U	
4-AMINOBIPHENYL	200	U	U	
4-BROMOPHENYL PHENYL ETHER	50	U	U	

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	84	U	U	
4-CHLOROANILINE	28	U	U	
4-CHLOROPHENYL PHENYL ETHER	47	U	U	
4-NITROANILINE	110	U	U	
4-NITROPHENOL	160	U	U	
4-NITROQUINOLINE-1-OXIDE	390	U	UR	C
5-NITRO-O-TOLUIDINE	390	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	200	U	U	
A,A-DIMETHYLPHENETHYLAMINE	200	U	U	
ACENAPHTHENE	42	U	U	
ACENAPHTHYLENE	32	U	U	
ACETOPHENONE	30	U	U	
ANILINE	110	U	U	
ANTHRACENE	35	U	U	
ARAMITE	390	U	U	
BENZO(A)ANTHRACENE	30	U	U	
BENZO(A)PYRENE	37	U	U	
BENZO(B)FLUORANTHENE	49	U	U	
BENZO(G,H,I)PERYLENE	46	U	U	
BENZO(K)FLUORANTHENE	40	U	U	
BENZYL ALCOHOL	51	U	U	
BIS(2-CHLOROETHOXY)METHANE	32	U	U	
BIS(2-CHLOROETHYL)ETHER	40	U	U	
BIS(2-CHLOROISOPROPYL)ETHER	41	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	170	U	U	
BUTYL BENZYL PHTHALATE	110	U	U	
CHLOROBENZILATE	390	U	U	
CHRYSENE	46	U	U	
DIALLATE	390	U	U	
DIBENZO(A,H)ANTHRACENE	48	U	U	
DIBENZOFURAN	52	U	U	
DIETHYL PHTHALATE	39	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: OS

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	200	U	U	
DIMETHYL PHTHALATE	35	U	U	
DI-N-BUTYL PHTHALATE	49	U	U	
DI-N-OCTYL PHTHALATE	230	U	U	
DINOSEB	200	U	U	
ETHYL METHANE SULFONATE	200	U	U	
ETHYL PARATHION	200	U	U	
FLUORANTHENE	36	U	U	
FLUORENE	32	U	U	
HEXACHLOROBENZENE	100	U	U	
HEXACHLOROBUTADIENE	68	U	U	
HEXACHLOROCYCLOPENTADIENE	30	U	U	
HEXACHLOROETHANE	33	U	U	
HEXACHLOROPHENE	200	U	U	
HEXACHLOROPROPENE	200	U	U	
INDENO(1,2,3-CD)PYRENE	57	U	U	
ISODRIN	390	U	U	
ISOPHORONE	31	U	U	
ISOSAFROLE	390	U	U	
KEPONE	200	U	U	
METHAPYRILENE	200	U	U	
METHYL METHANE SULFONATE	390	U	U	
NAPHTHALENE	44	U	U	
NITROBENZENE	41	U	U	
N-NITROSODIETHYLAMINE	390	U	U	
N-NITROSODIMETHYLAMINE	100	U	U	
N-NITROSO-DI-N-BUTYLAMINE	200	U	U	
N-NITROSO-DI-N-PROPYLAMINE	36	U	U	
N-NITROSODIPHENYLAMINE	76	U	U	
N-NITROSOMETHYLETHYLAMINE	200	U	U	
N-NITROSOMORPHOLINE	200	U	U	
N-NITROSOPIPERIDINE	200	U	U	

nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004
lab_id	WU3200-17
qc_type	NM
units	UG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	200	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	390	U	U	
O-TOLUIDINE	200	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	390	U	U	
PENTACHLOROBENZENE	200	U	U	
PENTACHLORONITROBENZENE	200	U	U	
PENTACHLOROPHENOL	170	U	U	
PHENACETIN	200	U	U	
PHENANTHRENE	34	U	U	
PHENOL	82	U	U	
PRONAMIDE	200	U	U	
PYRENE	38	U	U	
PYRIDINE	48	U	U	
SAFROLE	200	U	U	
SULFOTEPP	200	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-13
qc_type	NM
units	UG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.86	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.6	U	U	
AROCLOR-1232	6.2	U	U	
AROCLOR-1242	7.8	U	U	
AROCLOR-1248	9.6	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.84	U	U	
CHLORDANE	8.2	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.98	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.89	U	U	
ENDRIN	0.82	U	U	
ENDRIN ALDEHYDE	0.92	U	U	
GAMMA-BHC (LINDANE)	0.85	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.9	U	U	
METHOXYCHLOR	0.93	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-1
qc_type	NM
units	UG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.2	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.86	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.5	U	U	
AROCLOR-1232	6.1	U	U	
AROCLOR-1242	7.8	U	U	
AROCLOR-1248	9.6	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.84	U	U	
CHLORDANE	8.1	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.98	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.88	U	U	
ENDRIN	0.81	U	U	
ENDRIN ALDEHYDE	0.92	U	U	
GAMMA-BHC (LINDANE)	0.85	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.9	U	U	
METHOXYCHLOR	0.93	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-2
qc_type	NM
units	UG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.87	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	6.2	U	U	
AROCLOR-1242	7.9	U	U	
AROCLOR-1248	9.7	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.85	U	U	
CHLORDANE	8.2	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	0.99	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.9	U	U	
ENDRIN	0.82	U	U	
ENDRIN ALDEHYDE	0.93	U	U	
GAMMA-BHC (LINDANE)	0.86	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.91	U	U	
METHOXYCHLOR	0.94	U	U	
TOXAPHENE	14	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-3
qc_type	NM
units	UG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.9	I	J	P
4,4'-DDT	9.8		J	U
ALDRIN	1.3	U	U	
ALPHA-BHC	0.91	U	U	
AROCLOR-1016	13	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	6.5	U	U	
AROCLOR-1242	8.3	U	U	
AROCLOR-1248	10	U	U	
AROCLOR-1254	5.8	U	U	
AROCLOR-1260	92			
BETA-BHC	0.89	U	U	
CHLORDANE	8.6	U	U	
DELTA-BHC	1.2	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.94	U	U	
ENDRIN	0.86	U	U	
ENDRIN ALDEHYDE	0.98	U	U	
GAMMA-BHC (LINDANE)	0.9	U	U	
HEPTACHLOR	0.74	U	U	
HEPTACHLOR EPOXIDE	0.95	U	U	
METHOXYCHLOR	0.99	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-4
qc_type	NM
units	UG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.87	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.6	U	U	
AROCLOR-1232	6.2	U	U	
AROCLOR-1242	7.9	U	U	
AROCLOR-1248	9.7	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.85	U	U	
CHLORDANE	8.2	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.99	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.89	U	U	
ENDRIN	0.82	U	U	
ENDRIN ALDEHYDE	0.93	U	U	
GAMMA-BHC (LINDANE)	0.86	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.9	U	U	
METHOXYCHLOR	0.94	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-5
qc_type	NM
units	UG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.2	U	U	
4,4'-DDE	1.6	U	U	
4,4'-DDT	1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.85	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.4	U	U	
AROCLOR-1232	6	U	U	
AROCLOR-1242	7.7	U	U	
AROCLOR-1248	9.5	U	U	
AROCLOR-1254	5.4	U	U	
AROCLOR-1260	9.8	U	U	
BETA-BHC	0.82	U	U	
CHLORDANE	8	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.96	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.87	U	U	
ENDRIN	0.8	U	U	
ENDRIN ALDEHYDE	0.9	U	U	
GAMMA-BHC (LINDANE)	0.84	U	U	
HEPTACHLOR	0.69	U	U	
HEPTACHLOR EPOXIDE	0.88	U	U	
METHOXYCHLOR	0.92	U	U	
TOXAPHENE	13	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-MW09-04-0904	nsample	KWFCSB-MW10-02-0904	nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004	samp_date	9/22/2004	samp_date	9/22/2004
lab_id	WU3200-6	lab_id	WU3200-7	lab_id	WU3200-8
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.3	Pct_Solids	80.7	Pct_Solids	79.8
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.88	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	6.3	U	U	
AROCLOR-1242	8	U	U	
AROCLOR-1248	9.8	U	U	
AROCLOR-1254	5.6	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.85	U	U	
CHLORDANE	8.3	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.9	U	U	
ENDRIN	0.83	U	U	
ENDRIN ALDEHYDE	0.94	U	U	
GAMMA-BHC (LINDANE)	0.86	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.91	U	U	
METHOXYCHLOR	0.95	U	U	
TOXAPHENE	14	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	31			
4,4'-DDT	14			
ALDRIN	1.3	U	U	
ALPHA-BHC	0.92	U	U	
AROCLOR-1016	13	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	6.5	U	U	
AROCLOR-1242	8.3	U	U	
AROCLOR-1248	10	U	U	
AROCLOR-1254	5.8	U	U	
AROCLOR-1260	20	I	J	P
BETA-BHC	0.89	U	U	
CHLORDANE	8.7	U	U	
DELTA-BHC	1.2	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.94	U	U	
ENDRIN	0.87	U	U	
ENDRIN ALDEHYDE	0.98	U	U	
GAMMA-BHC (LINDANE)	0.9	U	U	
HEPTACHLOR	0.74	U	U	
HEPTACHLOR EPOXIDE	0.95	U	U	
METHOXYCHLOR	0.99	U	U	
TOXAPHENE	14	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.4	U	U	
4,4'-DDE	1.8	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.3	U	U	
ALPHA-BHC	0.93	U	U	
AROCLOR-1016	13	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	6.6	U	U	
AROCLOR-1242	8.4	U	U	
AROCLOR-1248	10	U	U	
AROCLOR-1254	5.9	U	U	
AROCLOR-1260	11	U	U	
BETA-BHC	0.9	U	U	
CHLORDANE	8.8	U	U	
DELTA-BHC	1.2	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.95	U	U	
ENDRIN	0.88	U	U	
ENDRIN ALDEHYDE	0.99	U	U	
GAMMA-BHC (LINDANE)	0.91	U	U	
HEPTACHLOR	0.75	U	U	
HEPTACHLOR EPOXIDE	0.96	U	U	
METHOXYCHLOR	1	U	U	
TOXAPHENE	14	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-9
qc_type	NM
units	UG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.8	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.3	U	U	
ALPHA-BHC	0.9	U	U	
AROCLOR-1016	13	U	U	
AROCLOR-1221	10	U	U	
AROCLOR-1232	6.4	U	U	
AROCLOR-1242	8.2	U	U	
AROCLOR-1248	10	U	U	
AROCLOR-1254	5.7	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.88	U	U	
CHLORDANE	8.5	U	U	
DELTA-BHC	1.2	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.92	U	U	
ENDRIN	0.85	U	U	
ENDRIN ALDEHYDE	0.96	U	U	
GAMMA-BHC (LINDANE)	0.89	U	U	
HEPTACHLOR	0.73	U	U	
HEPTACHLOR EPOXIDE	0.94	U	U	
METHOXYCHLOR	0.97	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-10
qc_type	NM
units	UG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.3	U	U	
ALPHA-BHC	0.89	U	U	
AROCLOR-1016	13	U	U	
AROCLOR-1221	9.8	U	U	
AROCLOR-1232	6.3	U	U	
AROCLOR-1242	8.1	U	U	
AROCLOR-1248	9.9	U	U	
AROCLOR-1254	5.6	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.86	U	U	
CHLORDANE	8.4	U	U	
DELTA-BHC	1.2	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.91	U	U	
ENDRIN	0.84	U	U	
ENDRIN ALDEHYDE	0.95	U	U	
GAMMA-BHC (LINDANE)	0.88	U	U	
HEPTACHLOR	0.72	U	U	
HEPTACHLOR EPOXIDE	0.92	U	U	
METHOXYCHLOR	0.96	U	U	
TOXAPHENE	14	U	U	

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-11
qc_type	NM
units	UG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.2	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.86	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.5	U	U	
AROCLOR-1232	6.2	U	U	
AROCLOR-1242	7.8	U	U	
AROCLOR-1248	9.6	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.84	U	U	
CHLORDANE	8.2	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.98	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.88	U	U	
ENDRIN	0.82	U	U	
ENDRIN ALDEHYDE	0.92	U	U	
GAMMA-BHC (LINDANE)	0.85	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.9	U	U	
METHOXYCHLOR	0.93	U	U	
TOXAPHENE	14	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-SS01-02-0904	nsample	KWFCSB-SS01-04-0904
samp_date	9/22/2004	samp_date	9/23/2004	samp_date	9/23/2004
lab_id	WU3200-12	lab_id	WU3200-14	lab_id	WU3200-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG	units	UG/KG
Pct_Solids	84.2	Pct_Solids	88.3	Pct_Solids	85.9
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.88	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	6.3	U	U	
AROCLOR-1242	8	U	U	
AROCLOR-1248	9.8	U	U	
AROCLOR-1254	5.6	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.86	U	U	
CHLORDANE	8.3	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.9	U	U	
ENDRIN	0.83	U	U	
ENDRIN ALDEHYDE	0.94	U	U	
GAMMA-BHC (LINDANE)	0.87	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.91	U	U	
METHOXYCHLOR	0.95	U	U	
TOXAPHENE	14	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.2	U	U	
4,4'-DDE	4.7	I	J	P
4,4'-DDT	2.6	I	J	PU
ALDRIN	1.2	U	U	
ALPHA-BHC	0.84	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.3	U	U	
AROCLOR-1232	6	U	U	
AROCLOR-1242	7.6	U	U	
AROCLOR-1248	9.4	U	U	
AROCLOR-1254	5.3	U	U	
AROCLOR-1260	9.7	U	U	
BETA-BHC	0.82	U	U	
CHLORDANE	7.9	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.95	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.86	U	U	
ENDRIN	0.79	U	U	
ENDRIN ALDEHYDE	0.89	U	U	
GAMMA-BHC (LINDANE)	0.83	U	U	
HEPTACHLOR	0.68	U	U	
HEPTACHLOR EPOXIDE	0.87	U	U	
METHOXYCHLOR	0.9	U	U	
TOXAPHENE	13	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.2	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.86	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.5	U	U	
AROCLOR-1232	6.1	U	U	
AROCLOR-1242	7.8	U	U	
AROCLOR-1248	9.6	U	U	
AROCLOR-1254	5.5	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.84	U	U	
CHLORDANE	8.1	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.98	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.88	U	U	
ENDRIN	0.81	U	U	
ENDRIN ALDEHYDE	0.92	U	U	
GAMMA-BHC (LINDANE)	0.85	U	U	
HEPTACHLOR	0.7	U	U	
HEPTACHLOR EPOXIDE	0.9	U	U	
METHOXYCHLOR	0.93	U	U	
TOXAPHENE	14	U	U	

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: PEST/PCB

nsample	KWFCSB-SS02-02-0904	nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004	samp_date	9/23/2004
lab_id	WU3200-16	lab_id	WU3200-17
qc_type	NM	qc_type	NM
units	UG/KG	units	UG/KG
Pct_Solids	88.6	Pct_Solids	84.3
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.7	I	J	P
4,4'-DDE	8.7			
4,4'-DDT	4.3	I	J	P
ALDRIN	1.2	U	U	
ALPHA-BHC	0.84	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	19	U	U	
AROCLOR-1232	6	U	U	
AROCLOR-1242	7.6	U	U	
AROCLOR-1248	9.3	U	U	
AROCLOR-1254	19	U	U	
AROCLOR-1260	9.7	U	U	
BETA-BHC	0.81	U	U	
CHLORDANE	7.9	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.2	U	U	
ENDOSULFAN I	0.95	U	U	
ENDOSULFAN II	1	U	U	
ENDOSULFAN SULFATE	0.86	U	U	
ENDRIN	0.79	U	U	
ENDRIN ALDEHYDE	0.89	U	U	
GAMMA-BHC (LINDANE)	0.82	U	U	
HEPTACHLOR	0.68	U	U	
HEPTACHLOR EPOXIDE	0.87	U	U	
METHOXYCHLOR	0.9	U	U	
TOXAPHENE	13	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	1.3	U	U	
4,4'-DDE	1.7	U	U	
4,4'-DDT	1.1	U	U	
ALDRIN	1.2	U	U	
ALPHA-BHC	0.88	U	U	
AROCLOR-1016	12	U	U	
AROCLOR-1221	9.7	U	U	
AROCLOR-1232	6.3	U	U	
AROCLOR-1242	8	U	U	
AROCLOR-1248	9.8	U	U	
AROCLOR-1254	5.6	U	U	
AROCLOR-1260	10	U	U	
BETA-BHC	0.85	U	U	
CHLORDANE	8.3	U	U	
DELTA-BHC	1.1	U	U	
DIELDRIN	1.3	U	U	
ENDOSULFAN I	1	U	U	
ENDOSULFAN II	1.1	U	U	
ENDOSULFAN SULFATE	0.9	U	U	
ENDRIN	0.83	U	U	
ENDRIN ALDEHYDE	0.94	U	U	
GAMMA-BHC (LINDANE)	0.86	U	U	
HEPTACHLOR	0.71	U	U	
HEPTACHLOR EPOXIDE	0.91	U	U	
METHOXYCHLOR	0.95	U	U	
TOXAPHENE	14	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	2	1.0	5	5	2
75-00-3	Chloroethane	U	0.9	1.0	5	5	0.9
75-69-4	Trichlorofluoromethane	U	1.0	1.0	5	5	1.0
75-35-4	1,1-Dichloroethene	U	0.9	1.0	5	5	0.9
75-15-0	Carbon Disulfide	U	0.7	1.0	5	5	0.7
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	21	1.0	25	26	21
75-09-2	Methylene Chloride	JV	30	1.0	5	5	1
67-64-1	Acetone	U	14	1.0	25	26	14
78-83-1	Isobutyl Alcohol	U	14	1.0	100	100	14
156-60-5	trans-1,2-Dichloroethene	U	1.0	1.0	5	5	1.0
107-05-1	Allyl Chloride	U	2	1.0	5	5	2
75-05-8	Acetonitrile	U	23	1.0	50	53	23
126-99-8	Chloroprene	U	0.8	1.0	5	5	0.8
126-98-7	Methacrylonitrile	U	10	1.0	50	53	10
107-12-0	Propionitrile	U	8	1.0	50	53	8
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	26	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	5	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	5	1
67-66-3	Chloroform	I	1	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.7	1.0	5	5	0.7
78-93-3	2-Butanone	U	8	1.0	25	26	8
71-43-2	Benzene	U	0.8	1.0	5	5	0.8
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1	1.0	5	5	1
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	5	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	5	0.5
123-91-1	1,4-Dioxane	U	46	1.0	100	100	46
108-88-3	Toluene	U	0.7	1.0	5	5	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	26	5
127-18-4	Tetrachloroethene	U	1	1.0	5	5	1
10061-02-6	trans-1,3-Dichloropropene	U	0.9	1.0	5	5	0.9
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	5	0.5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	5	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	9	1.0	25	26	9
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.7	1.0	5	5	0.7
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	16	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.8	1.0	5	5	0.8
100-42-5	Styrene	U	0.7	1.0	5	5	0.7
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.7	1.0	5	5	0.7
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	3	1.0	5	5	3
541-73-1	1,3-Dichlorobenzene	U	0.9	1.0	5	5	0.9
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	1.0	1.0	5	5	1.0
96-12-8	1,2-Dibromo-3-Chloropropane	U	1.0	1.0	5	5	1.0
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1RA
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.8	1.0	5	5	0.8
75-69-4	Trichlorofluoromethane	U	0.8	1.0	5	5	0.8
75-35-4	1,1-Dichloroethene	U	0.8	1.0	5	5	0.8
75-15-0	Carbon Disulfide	U	0.6	1.0	5	5	0.6
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	17	1.0	25	25	17
75-09-2	Methylene Chloride	JV	10	1.0	5	5	1
67-64-1	Acetone	U	12	1.0	25	25	12
78-83-1	Isobutyl Alcohol	U	12	1.0	100	100	12
156-60-5	trans-1,2-Dichloroethene	U	0.8	1.0	5	5	0.8
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	19	1.0	50	50	19
126-99-8	Chloroprene	U	0.7	1.0	5	5	0.7
126-98-7	Methacrylonitrile	U	9	1.0	50	50	9
107-12-0	Propionitrile	U	6	1.0	50	50	6
75-34-3	1,1-Dichloroethane	U	0.5	1.0	5	5	0.5
107-13-1	Acrylonitrile	U	3	1.0	25	25	3
108-05-4	Vinyl Acetate	U	1	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	0.6	1.0	5	5	0.6
80-62-6	Methyl Methacrylate	U	0.9	1.0	5	5	0.9
67-66-3	Chloroform	U	0.5	1.0	5	5	0.5
56-23-5	Carbon Tetrachloride	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	0.6	1.0	5	5	0.6
78-93-3	2-Butanone	U	7	1.0	25	25	7
71-43-2	Benzene	U	0.6	1.0	5	5	0.6
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.5	1.0	5	5	0.5
74-95-3	Dibromomethane	U	0.9	1.0	5	5	0.9
78-87-5	1,2-Dichloropropane	U	0.6	1.0	5	5	0.6
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
123-91-1	1,4-Dioxane	U	39	1.0	100	100	39
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	0.8	1.0	5	5	0.8
10061-02-6	trans-1,3-Dichloropropene	U	0.8	1.0	5	5	0.8
79-00-5	1,1,2-Trichloroethane	U	0.4	1.0	5	5	0.4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1RA
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	8	1.0	25	25	8
108-90-7	Chlorobenzene	U	0.5	1.0	5	5	0.5
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.4	1.0	5	5	0.4
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.8	1.0	5	5	0.8
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.8	1.0	5	5	0.8
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.8	1.0	5	5	0.8
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.5	1.0	5	5	0.5
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.5	1.0	5	5	0.5
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.3	1.0	5	5	0.3
75-69-4	Trichlorofluoromethane	U	0.4	1.0	5	5	0.4
75-35-4	1,1-Dichloroethene	U	0.3	1.0	5	5	0.3
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.8	1.0	5	5	0.8
107-02-8	Acrolein	U	8	1.0	25	25	8
75-09-2	Methylene Chloride	U	0.5	1.0	5	5	0.5
67-64-1	Acetone	J	20	1.0	25	25	5
78-83-1	Isobutyl Alcohol	U	5	1.0	100	100	5
156-60-5	trans-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
107-05-1	Allyl Chloride	U	0.6	1.0	5	5	0.6
75-05-8	Acetonitrile	U	9	1.0	50	50	9
126-99-8	Chloroprene	U	0.3	1.0	5	5	0.3
126-98-7	Methacrylonitrile	U	4	1.0	50	50	4
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.2	1.0	5	5	0.2
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	0.6	1.0	5	5	0.6
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.4	1.0	5	5	0.4
67-66-3	Chloroform	U	0.2	1.0	5	5	0.2
56-23-5	Carbon Tetrachloride	U	0.4	1.0	5	5	0.4
71-55-6	1,1,1-Trichloroethane	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	3	1.0	25	25	3
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	0.8	1.0	5	5	0.8
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.2	1.0	5	5	0.2
74-95-3	Dibromomethane	U	0.4	1.0	5	5	0.4
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.2	1.0	5	5	0.2
10061-01-5	cis-1,3-dichloropropene	U	0.2	1.0	5	5	0.2
123-91-1	1,4-Dioxane	U	17	1.0	100	100	17
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	2	1.0	25	25	2
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.3	1.0	5	5	0.3
79-00-5	1,1,2-Trichloroethane	U	0.2	1.0	5	5	0.2
124-48-1	Dibromochloromethane	U	0.2	1.0	5	5	0.2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.2	1.0	5	5	0.2
591-78-6	2-Hexanone	U	4	1.0	25	25	4
108-90-7	Chlorobenzene	U	0.2	1.0	5	5	0.2
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.8	1.0	15	15	0.8
	m+p-Xylenes	U	0.6	1.0	10	10	0.6
95-47-6	o-Xylene	U	0.3	1.0	5	5	0.3
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.2	1.0	5	5	0.2
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.7	1.0	10	10	0.7
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.7	1.0	5	5	0.7
76-01-1	Pentachloroethane	U	1.0	1.0	5	5	1.0
541-73-1	1,3-Dichlorobenzene	U	0.3	1.0	5	5	0.3
106-46-7	1,4-Dichlorobenzene	U	0.6	1.0	5	5	0.6
95-50-1	1,2-Dichlorobenzene	U	0.4	1.0	5	5	0.4
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.7	1.0	5	5	0.7
1868-53-7	Dibromofluoromethane		78%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		59%				
460-00-4	P-Bromofluorobenzene		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/30/04
Report Date: 10/18/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2DL
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10373
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	33	1.0	10	270	33
74-87-3	Chloromethane	U	44	1.0	10	270	44
75-01-4	Vinyl chloride	U	35	1.0	10	270	35
74-83-9	Bromomethane	I	40	1.0	10	270	40
75-00-3	Chloroethane	U	24	1.0	10	270	24
75-69-4	Trichlorofluoromethane	U	25	1.0	5	140	25
75-35-4	1,1-Dichloroethene	U	24	1.0	5	140	24
75-15-0	Carbon Disulfide	U	19	1.0	5	140	19
74-88-4	Iodomethane	I	64	1.0	5	140	52
107-02-8	Acrolein	U	540	1.0	25	680	540
75-09-2	Methylene Chloride	IV	88	1.0	5	140	32
67-64-1	Acetone	U	350	1.0	25	680	350
78-83-1	Isobutyl Alcohol	U	370	1.0	5	140	370
156-60-5	trans-1,2-Dichloroethene	U	25	1.0	5	140	25
107-05-1	Allyl Chloride	U	43	1.0	5	140	43
75-05-8	Acetonitrile	U	600	1.0	50	1400	600
126-99-8	Chloroprene	U	21	1.0	5	140	21
126-98-7	Methacrylonitrile	U	270	1.0	50	1400	270
107-12-0	Propionitrile	U	200	1.0	50	1400	200
75-34-3	1,1-Dichloroethane	U	16	1.0	5	140	16
107-13-1	Acrylonitrile	U	110	1.0	25	680	110
108-05-4	Vinyl Acetate	U	44	1.0	5	140	44
156-59-2	cis-1,2-Dichloroethene	U	20	1.0	5	140	20
80-62-6	Methyl Methacrylate	U	27	1.0	5	140	27
67-66-3	Chloroform	U	16	1.0	5	140	16
56-23-5	Carbon Tetrachloride	U	29	1.0	5	140	29
71-55-6	1,1,1-Trichloroethane	U	19	1.0	5	140	19
78-93-3	2-Butanone	U	210	1.0	25	680	210
71-43-2	Benzene	U	20	1.0	5	140	20
97-63-2	Ethyl Methacrylate	U	57	1.0	5	140	57
107-06-2	1,2-Dichloroethane	U	19	1.0	5	140	19
79-01-6	Trichloroethene	U	16	1.0	5	140	16
74-95-3	Dibromomethane	U	27	1.0	5	140	27
78-87-5	1,2-Dichloropropane	U	20	1.0	5	140	20
75-27-4	Bromodichloromethane	U	15	1.0	5	140	15
10061-01-5	cis-1,3-dichloropropene	U	13	1.0	5	140	13
123-91-1	1,4-Dioxane	U	1200	1.0	100	2700	1200
108-88-3	Toluene	U	17	1.0	5	140	17
108-10-1	4-methyl-2-pentanone	U	120	1.0	25	680	120
127-18-4	Tetrachloroethene	U	26	1.0	5	140	26
10061-02-6	trans-1,3-Dichloropropene	U	24	1.0	5	140	24
79-00-5	1,1,2-Trichloroethane	U	13	1.0	5	140	13
124-48-1	Dibromochloromethane	U	14	1.0	5	140	14

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/30/04
Report Date: 10/18/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2DL
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10373
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	14	1.0	5	140	14
591-78-6	2-Hexanone	U	240	1.0	25	680	240
108-90-7	Chlorobenzene	U	16	1.0	5	140	16
100-41-4	Ethylbenzene	U	18	1.0	5	140	18
630-20-6	1,1,1,2-Tetrachloroethane	U	14	1.0	5	140	14
1330-20-7	Xylenes (total)	U	56	1.0	15	410	56
	m+p-Xylenes	U	38	1.0	10	270	38
95-47-6	o-Xylene	U	21	1.0	5	140	21
100-42-5	Styrene	U	19	1.0	5	140	19
75-25-2	Bromoform	U	17	1.0	5	140	17
110-57-6	trans-1,4-Dichloro-2-Butene	U	50	1.0	5	140	50
79-34-5	1,1,2,2-Tetrachloroethane	U	17	1.0	5	140	17
96-18-4	1,2,3-Trichloropropane	U	47	1.0	5	140	47
76-01-1	Pentachloroethane	U	68	1.0	5	140	68
541-73-1	1,3-Dichlorobenzene	U	24	1.0	5	140	24
106-46-7	1,4-Dichlorobenzene	U	43	1.0	5	140	43
95-50-1	1,2-Dichlorobenzene	U	25	1.0	5	140	25
96-12-8	1,2-Dibromo-3-Chloropropane	U	25	1.0	5	140	25
120-82-1	1,2,4-Trichlorobenzene	U	51	1.0	5	140	51
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		87%				
2037-26-5	Toluene-D8		116%				
460-00-4	P-Bromofluorobenzene		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	6	1
74-87-3	Chloromethane	U	2	1.0	5	6	2
75-01-4	Vinyl chloride	U	1	1.0	5	6	1
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	1.0	1.0	5	6	1.0
75-69-4	Trichlorofluoromethane	U	1	1.0	5	6	1
75-35-4	1,1-Dichloroethene	U	1.0	1.0	5	6	1.0
75-15-0	Carbon Disulfide	U	0.8	1.0	5	6	0.8
74-88-4	Iodomethane	U	2	1.0	5	6	2
107-02-8	Acrolein	U	22	1.0	25	28	22
75-09-2	Methylene Chloride	JV	18	1.0	5	6	1
67-64-1	Acetone	U	14	1.0	25	28	14
78-83-1	Isobutyl Alcohol	U	15	1.0	100	110	15
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	5	6	1
107-05-1	Allyl Chloride	U	2	1.0	5	6	2
75-05-8	Acetonitrile	U	24	1.0	50	56	24
126-99-8	Chloroprene	U	0.8	1.0	5	6	0.8
126-98-7	Methacrylonitrile	U	11	1.0	50	56	11
107-12-0	Propionitrile	U	8	1.0	50	56	8
75-34-3	1,1-Dichloroethane	U	0.7	1.0	5	6	0.7
107-13-1	Acrylonitrile	U	4	1.0	25	28	4
108-05-4	Vinyl Acetate	U	2	1.0	5	6	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	6	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	6	1
67-66-3	Chloroform	I	0.7	1.0	5	6	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	6	1
71-55-6	1,1,1-Trichloroethane	U	0.8	1.0	5	6	0.8
78-93-3	2-Butanone	U	9	1.0	25	28	9
71-43-2	Benzene	U	0.8	1.0	5	6	0.8
97-63-2	Ethyl Methacrylate	U	2	1.0	5	6	2
107-06-2	1,2-Dichloroethane	U	0.8	1.0	5	6	0.8
79-01-6	Trichloroethene	U	0.6	1.0	5	6	0.6
74-95-3	Dibromomethane	U	1	1.0	5	6	1
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	6	0.5
123-91-1	1,4-Dioxane	U	49	1.0	100	110	49
108-88-3	Toluene	U	0.7	1.0	5	6	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	1.0	1.0	5	6	1.0
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	6	0.5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.6	1.0	5	6	0.6
591-78-6	2-Hexanone	U	10	1.0	25	28	10
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.7	1.0	5	6	0.7
630-20-6	1,1,1,2-Tetrachloroethane	U	0.6	1.0	5	6	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
	m+p-Xylenes	U	2	1.0	10	11	2
95-47-6	o-Xylene	U	0.9	1.0	5	6	0.9
100-42-5	Styrene	U	0.8	1.0	5	6	0.8
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	11	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.7	1.0	5	6	0.7
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	6	2
76-01-1	Pentachloroethane	U	3	1.0	5	6	3
541-73-1	1,3-Dichlorobenzene	U	1.0	1.0	5	6	1.0
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	6	2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	5	6	1
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	5	6	1
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1.0	1.0	5	5	1.0
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.7	1.0	5	5	0.7
75-69-4	Trichlorofluoromethane	U	0.8	1.0	5	5	0.8
75-35-4	1,1-Dichloroethene	U	0.7	1.0	5	5	0.7
75-15-0	Carbon Disulfide	U	0.6	1.0	5	5	0.6
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	16	1.0	25	25	16
75-09-2	Methylene Chloride	JV	14	1.0	5	5	1.0
67-64-1	Acetone	U	11	1.0	25	25	11
78-83-1	Isobutyl Alcohol	U	11	1.0	100	100	11
156-60-5	trans-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	18	1.0	50	50	18
126-99-8	Chloroprene	U	0.6	1.0	5	5	0.6
126-98-7	Methacrylonitrile	U	8	1.0	50	50	8
107-12-0	Propionitrile	U	6	1.0	50	50	6
75-34-3	1,1-Dichloroethane	U	0.5	1.0	5	5	0.5
107-13-1	Acrylonitrile	U	3	1.0	25	25	3
108-05-4	Vinyl Acetate	U	1	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	0.6	1.0	5	5	0.6
80-62-6	Methyl Methacrylate	U	0.8	1.0	5	5	0.8
67-66-3	Chloroform	I	0.6	1.0	5	5	0.5
56-23-5	Carbon Tetrachloride	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	0.6	1.0	5	5	0.6
78-93-3	2-Butanone	U	6	1.0	25	25	6
71-43-2	Benzene	U	0.6	1.0	5	5	0.6
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.5	1.0	5	5	0.5
74-95-3	Dibromomethane	U	0.8	1.0	5	5	0.8
78-87-5	1,2-Dichloropropane	U	0.6	1.0	5	5	0.6
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
123-91-1	1,4-Dioxane	U	36	1.0	100	100	36
108-88-3	Toluene	U	0.5	1.0	5	5	0.5
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	0.8	1.0	5	5	0.8
10061-02-6	trans-1,3-Dichloropropene	U	0.7	1.0	5	5	0.7
79-00-5	1,1,2-Trichloroethane	U	0.4	1.0	5	5	0.4
124-48-1	Dibromochloromethane	U	0.4	1.0	5	5	0.4

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	7	1.0	25	25	7
108-90-7	Chlorobenzene	U	0.5	1.0	5	5	0.5
100-41-4	Ethylbenzene	U	0.5	1.0	5	5	0.5
630-20-6	1,1,1,2-Tetrachloroethane	U	0.4	1.0	5	5	0.4
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.6	1.0	5	5	0.6
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
96-18-4	1,2,3-Trichloropropane	U	1	1.0	5	5	1
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.7	1.0	5	5	0.7
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.7	1.0	5	5	0.7
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.7	1.0	5	5	0.7
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		99%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	6	1
74-87-3	Chloromethane	U	2	1.0	5	6	2
75-01-4	Vinyl chloride	U	1	1.0	5	6	1
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	1.0	1.0	5	6	1.0
75-69-4	Trichlorofluoromethane	U	1	1.0	5	6	1
75-35-4	1,1-Dichloroethene	U	1.0	1.0	5	6	1.0
75-15-0	Carbon Disulfide	U	0.8	1.0	5	6	0.8
74-88-4	Iodomethane	U	2	1.0	5	6	2
107-02-8	Acrolein	U	22	1.0	25	28	22
75-09-2	Methylene Chloride	JV	17	1.0	5	6	1
67-64-1	Acetone	U	14	1.0	25	28	14
78-83-1	Isobutyl Alcohol	U	15	1.0	100	110	15
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	5	6	1
107-05-1	Allyl Chloride	U	2	1.0	5	6	2
75-05-8	Acetonitrile	U	24	1.0	50	56	24
126-99-8	Chloroprene	U	0.8	1.0	5	6	0.8
126-98-7	Methacrylonitrile	U	11	1.0	50	56	11
107-12-0	Propionitrile	U	8	1.0	50	56	8
75-34-3	1,1-Dichloroethane	U	0.7	1.0	5	6	0.7
107-13-1	Acrylonitrile	U	4	1.0	25	28	4
108-05-4	Vinyl Acetate	U	2	1.0	5	6	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	6	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	6	1
67-66-3	Chloroform	I	0.7	1.0	5	6	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	6	1
71-55-6	1,1,1-Trichloroethane	U	0.8	1.0	5	6	0.8
78-93-3	2-Butanone	U	9	1.0	25	28	9
71-43-2	Benzene	U	0.8	1.0	5	6	0.8
97-63-2	Ethyl Methacrylate	U	2	1.0	5	6	2
107-06-2	1,2-Dichloroethane	U	0.8	1.0	5	6	0.8
79-01-6	Trichloroethene	U	0.6	1.0	5	6	0.6
74-95-3	Dibromomethane	U	1	1.0	5	6	1
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.6	1.0	5	6	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	6	0.5
123-91-1	1,4-Dioxane	U	49	1.0	100	110	49
108-88-3	Toluene	U	0.7	1.0	5	6	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	28	5
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	1.0	1.0	5	6	1.0
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	6	0.5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.6	1.0	5	6	0.6
591-78-6	2-Hexanone	U	10	1.0	25	28	10
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.7	1.0	5	6	0.7
630-20-6	1,1,1,2-Tetrachloroethane	U	0.6	1.0	5	6	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
	m+p-Xylenes	U	2	1.0	10	11	2
95-47-6	o-Xylene	U	0.9	1.0	5	6	0.9
100-42-5	Styrene	U	0.8	1.0	5	6	0.8
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	11	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.7	1.0	5	6	0.7
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	6	2
76-01-1	Pentachloroethane	U	3	1.0	5	6	3
541-73-1	1,3-Dichlorobenzene	U	1.0	1.0	5	6	1.0
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	6	2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	5	6	1
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	5	6	1
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		97%				
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.8	1.0	5	5	0.8
75-69-4	Trichlorofluoromethane	U	0.9	1.0	5	5	0.9
75-35-4	1,1-Dichloroethene	U	0.8	1.0	5	5	0.8
75-15-0	Carbon Disulfide	U	0.6	1.0	5	5	0.6
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	19	1.0	25	25	19
75-09-2	Methylene Chloride	JV	19	1.0	5	5	1
67-64-1	Acetone	U	12	1.0	25	25	12
78-83-1	Isobutyl Alcohol	U	13	1.0	100	100	13
156-60-5	trans-1,2-Dichloroethene	U	0.9	1.0	5	5	0.9
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	21	1.0	50	50	21
126-99-8	Chloroprene	U	0.7	1.0	5	5	0.7
126-98-7	Methacrylonitrile	U	9	1.0	50	50	9
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
80-62-6	Methyl Methacrylate	U	0.9	1.0	5	5	0.9
67-66-3	Chloroform	I	0.8	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.6	1.0	5	5	0.6
78-93-3	2-Butanone	U	7	1.0	25	25	7
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1.0	1.0	5	5	1.0
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
123-91-1	1,4-Dioxane	U	42	1.0	100	100	42
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.8	1.0	5	5	0.8
79-00-5	1,1,2-Trichloroethane	U	0.4	1.0	5	5	0.4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	8	1.0	25	25	8
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.8	1.0	5	5	0.8
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.9	1.0	5	5	0.9
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.9	1.0	5	5	0.9
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		102%				
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.8	1.0	5	5	0.8
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	0.8	1.0	5	5	0.8
74-83-9	Bromomethane	U	0.9	1.0	5	5	0.9
75-00-3	Chloroethane	U	0.6	1.0	5	5	0.6
75-69-4	Trichlorofluoromethane	U	0.6	1.0	5	5	0.6
75-35-4	1,1-Dichloroethene	U	0.6	1.0	5	5	0.6
75-15-0	Carbon Disulfide	U	0.4	1.0	5	5	0.4
74-88-4	Iodomethane	U	1	1.0	5	5	1
107-02-8	Acrolein	U	13	1.0	25	25	13
75-09-2	Methylene Chloride	JV	6	1.0	5	5	0.8
67-64-1	Acetone	U	8	1.0	25	25	8
78-83-1	Isobutyl Alcohol	U	9	1.0	100	100	9
156-60-5	trans-1,2-Dichloroethene	U	0.6	1.0	5	5	0.6
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	14	1.0	50	50	14
126-99-8	Chloroprene	U	0.5	1.0	5	5	0.5
126-98-7	Methacrylonitrile	U	6	1.0	50	50	6
107-12-0	Propionitrile	U	5	1.0	50	50	5
75-34-3	1,1-Dichloroethane	U	0.4	1.0	5	5	0.4
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	1	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	0.5	1.0	5	5	0.5
80-62-6	Methyl Methacrylate	U	0.6	1.0	5	5	0.6
67-66-3	Chloroform	I	0.4	1.0	5	5	0.4
56-23-5	Carbon Tetrachloride	U	0.7	1.0	5	5	0.7
71-55-6	1,1,1-Trichloroethane	U	0.4	1.0	5	5	0.4
78-93-3	2-Butanone	U	5	1.0	25	25	5
71-43-2	Benzene	U	0.5	1.0	5	5	0.5
97-63-2	Ethyl Methacrylate	U	1	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	0.4	1.0	5	5	0.4
79-01-6	Trichloroethene	U	0.4	1.0	5	5	0.4
74-95-3	Dibromomethane	U	0.6	1.0	5	5	0.6
78-87-5	1,2-Dichloropropane	U	0.5	1.0	5	5	0.5
75-27-4	Bromodichloromethane	U	0.4	1.0	5	5	0.4
10061-01-5	cis-1,3-dichloropropene	U	0.3	1.0	5	5	0.3
123-91-1	1,4-Dioxane	U	28	1.0	100	100	28
108-88-3	Toluene	U	0.4	1.0	5	5	0.4
108-10-1	4-methyl-2-pentanone	U	3	1.0	25	25	3
127-18-4	Tetrachloroethene	U	0.6	1.0	5	5	0.6
10061-02-6	trans-1,3-Dichloropropene	U	0.6	1.0	5	5	0.6
79-00-5	1,1,2-Trichloroethane	U	0.3	1.0	5	5	0.3
124-48-1	Dibromochloromethane	U	0.3	1.0	5	5	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.3	1.0	5	5	0.3
591-78-6	2-Hexanone	U	6	1.0	25	25	6
108-90-7	Chlorobenzene	U	0.4	1.0	5	5	0.4
100-41-4	Ethylbenzene	U	0.4	1.0	5	5	0.4
630-20-6	1,1,1,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
1330-20-7	Xylenes (total)	U	1	1.0	15	15	1
	m+p-Xylenes	U	0.9	1.0	10	10	0.9
95-47-6	o-Xylene	U	0.5	1.0	5	5	0.5
100-42-5	Styrene	U	0.4	1.0	5	5	0.4
75-25-2	Bromoform	U	0.4	1.0	5	5	0.4
110-57-6	trans-1,4-Dichloro-2-Butene	U	1	1.0	10	10	1
79-34-5	1,1,2,2-Tetrachloroethane	U	0.4	1.0	5	5	0.4
96-18-4	1,2,3-Trichloropropane	U	1	1.0	5	5	1
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.6	1.0	5	5	0.6
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.6	1.0	5	5	0.6
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.6	1.0	5	5	0.6
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	5	5	1
1868-53-7	Dibromofluoromethane		76%				
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		69%				
460-00-4	P-Bromofluorobenzene		43%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.6	1.0	5	5	0.6
74-87-3	Chloromethane	U	0.8	1.0	5	5	0.8
75-01-4	Vinyl chloride	U	0.6	1.0	5	5	0.6
74-83-9	Bromomethane	U	0.7	1.0	5	5	0.7
75-00-3	Chloroethane	U	0.4	1.0	5	5	0.4
75-69-4	Trichlorofluoromethane	U	0.5	1.0	5	5	0.5
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	1.0	1.0	5	5	1.0
107-02-8	Acrolein	U	10	1.0	25	25	10
75-09-2	Methylene Chloride	IJV	2	1.0	5	5	0.6
67-64-1	Acetone	U	6	1.0	25	25	6
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
107-05-1	Allyl Chloride	U	0.8	1.0	5	5	0.8
75-05-8	Acetonitrile	U	11	1.0	50	50	11
126-99-8	Chloroprene	U	0.4	1.0	5	5	0.4
126-98-7	Methacrylonitrile	U	5	1.0	50	50	5
107-12-0	Propionitrile	U	4	1.0	50	50	4
75-34-3	1,1-Dichloroethane	U	0.3	1.0	5	5	0.3
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
80-62-6	Methyl Methacrylate	U	0.5	1.0	5	5	0.5
67-66-3	Chloroform	U	0.3	1.0	5	5	0.3
56-23-5	Carbon Tetrachloride	U	0.5	1.0	5	5	0.5
71-55-6	1,1,1-Trichloroethane	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	4	1.0	25	25	4
71-43-2	Benzene	U	0.4	1.0	5	5	0.4
97-63-2	Ethyl Methacrylate	U	1	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	0.4	1.0	5	5	0.4
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.5	1.0	5	5	0.5
78-87-5	1,2-Dichloropropane	U	0.4	1.0	5	5	0.4
75-27-4	Bromodichloromethane	U	0.3	1.0	5	5	0.3
10061-01-5	cis-1,3-dichloropropene	U	0.2	1.0	5	5	0.2
123-91-1	1,4-Dioxane	U	22	1.0	100	100	22
108-88-3	Toluene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	2	1.0	25	25	2
127-18-4	Tetrachloroethene	U	0.5	1.0	5	5	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.2	1.0	5	5	0.2
124-48-1	Dibromochloromethane	U	0.3	1.0	5	5	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.2	1.0	5	5	0.2
591-78-6	2-Hexanone	U	4	1.0	25	25	4
108-90-7	Chlorobenzene	U	0.3	1.0	5	5	0.3
100-41-4	Ethylbenzene	U	0.3	1.0	5	5	0.3
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	1	1.0	15	15	1
	m+p-Xylenes	U	0.7	1.0	10	10	0.7
95-47-6	o-Xylene	U	0.4	1.0	5	5	0.4
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.3	1.0	5	5	0.3
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.9	1.0	10	10	0.9
79-34-5	1,1,2,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
96-18-4	1,2,3-Trichloropropane	U	0.8	1.0	5	5	0.8
76-01-1	Pentachloroethane	U	1	1.0	5	5	1
541-73-1	1,3-Dichlorobenzene	U	0.4	1.0	5	5	0.4
106-46-7	1,4-Dichlorobenzene	U	0.8	1.0	5	5	0.8
95-50-1	1,2-Dichlorobenzene	U	0.4	1.0	5	5	0.4
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.9	1.0	5	5	0.9
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		93%				
460-00-4	P-Bromofluorobenzene		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	6	1
74-87-3	Chloromethane	U	2	1.0	5	6	2
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	1	1.0	5	6	1
75-69-4	Trichlorofluoromethane	U	1	1.0	5	6	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
75-15-0	Carbon Disulfide	U	0.8	1.0	5	6	0.8
74-88-4	Iodomethane	U	2	1.0	5	6	2
107-02-8	Acrolein	U	23	1.0	25	29	23
75-09-2	Methylene Chloride	JV	27	1.0	5	6	1
67-64-1	Acetone	U	15	1.0	25	29	15
78-83-1	Isobutyl Alcohol	U	16	1.0	100	120	16
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	5	6	1
107-05-1	Allyl Chloride	U	2	1.0	5	6	2
75-05-8	Acetonitrile	U	26	1.0	50	58	26
126-99-8	Chloroprene	U	0.9	1.0	5	6	0.9
126-98-7	Methacrylonitrile	U	12	1.0	50	58	12
107-12-0	Propionitrile	U	8	1.0	50	58	8
75-34-3	1,1-Dichloroethane	U	0.7	1.0	5	6	0.7
107-13-1	Acrylonitrile	U	5	1.0	25	29	5
108-05-4	Vinyl Acetate	U	2	1.0	5	6	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	6	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	6	1
67-66-3	Chloroform	I	1	1.0	5	6	0.7
56-23-5	Carbon Tetrachloride	U	1	1.0	5	6	1
71-55-6	1,1,1-Trichloroethane	U	0.8	1.0	5	6	0.8
78-93-3	2-Butanone	U	9	1.0	25	29	9
71-43-2	Benzene	U	0.8	1.0	5	6	0.8
97-63-2	Ethyl Methacrylate	U	2	1.0	5	6	2
107-06-2	1,2-Dichloroethane	U	0.8	1.0	5	6	0.8
79-01-6	Trichloroethene	U	0.7	1.0	5	6	0.7
74-95-3	Dibromomethane	U	1	1.0	5	6	1
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.7	1.0	5	6	0.7
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	6	0.5
123-91-1	1,4-Dioxane	U	51	1.0	100	120	51
108-88-3	Toluene	U	0.7	1.0	5	6	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	5	6	1
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	6	0.5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.6	1.0	5	6	0.6
591-78-6	2-Hexanone	U	10	1.0	25	29	10
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
630-20-6	1,1,1,2-Tetrachloroethane	U	0.6	1.0	5	6	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
	m+p-Xylenes	U	2	1.0	10	12	2
95-47-6	o-Xylene	U	0.9	1.0	5	6	0.9
100-42-5	Styrene	U	0.8	1.0	5	6	0.8
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	12	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.7	1.0	5	6	0.7
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	6	2
76-01-1	Pentachloroethane	U	3	1.0	5	6	3
541-73-1	1,3-Dichlorobenzene	U	1	1.0	5	6	1
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	6	2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	5	6	1
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	5	6	1
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		100%				
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.6	1.0	5	5	0.6
74-87-3	Chloromethane	U	0.7	1.0	5	5	0.7
75-01-4	Vinyl chloride	U	0.6	1.0	5	5	0.6
74-83-9	Bromomethane	U	0.7	1.0	5	5	0.7
75-00-3	Chloroethane	U	0.4	1.0	5	5	0.4
75-69-4	Trichlorofluoromethane	U	0.4	1.0	5	5	0.4
75-35-4	1,1-Dichloroethene	U	0.4	1.0	5	5	0.4
75-15-0	Carbon Disulfide	U	0.3	1.0	5	5	0.3
74-88-4	Iodomethane	U	0.9	1.0	5	5	0.9
107-02-8	Acrolein	U	9	1.0	25	25	9
75-09-2	Methylene Chloride	JV	5	1.0	5	5	0.6
67-64-1	Acetone	U	6	1.0	25	25	6
78-83-1	Isobutyl Alcohol	U	6	1.0	100	100	6
156-60-5	trans-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
107-05-1	Allyl Chloride	U	0.7	1.0	5	5	0.7
75-05-8	Acetonitrile	U	10	1.0	50	50	10
126-99-8	Chloroprene	U	0.4	1.0	5	5	0.4
126-98-7	Methacrylonitrile	U	4	1.0	50	50	4
107-12-0	Propionitrile	U	3	1.0	50	50	3
75-34-3	1,1-Dichloroethane	U	0.3	1.0	5	5	0.3
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.3	1.0	5	5	0.3
80-62-6	Methyl Methacrylate	U	0.4	1.0	5	5	0.4
67-66-3	Chloroform	U	0.3	1.0	5	5	0.3
56-23-5	Carbon Tetrachloride	U	0.5	1.0	5	5	0.5
71-55-6	1,1,1-Trichloroethane	U	0.3	1.0	5	5	0.3
78-93-3	2-Butanone	U	4	1.0	25	25	4
71-43-2	Benzene	U	0.3	1.0	5	5	0.3
97-63-2	Ethyl Methacrylate	U	1.0	1.0	5	5	1.0
107-06-2	1,2-Dichloroethane	U	0.3	1.0	5	5	0.3
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.5	1.0	5	5	0.5
78-87-5	1,2-Dichloropropane	U	0.3	1.0	5	5	0.3
75-27-4	Bromodichloromethane	U	0.3	1.0	5	5	0.3
10061-01-5	cis-1,3-dichloropropene	U	0.2	1.0	5	5	0.2
123-91-1	1,4-Dioxane	U	20	1.0	100	100	20
108-88-3	Toluene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	2	1.0	25	25	2
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.4	1.0	5	5	0.4
79-00-5	1,1,2-Trichloroethane	U	0.2	1.0	5	5	0.2
124-48-1	Dibromochloromethane	U	0.2	1.0	5	5	0.2

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.2	1.0	5	5	0.2
591-78-6	2-Hexanone	U	4	1.0	25	25	4
108-90-7	Chlorobenzene	U	0.3	1.0	5	5	0.3
100-41-4	Ethylbenzene	U	0.3	1.0	5	5	0.3
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	1.0	1.0	15	15	1.0
	m+p-Xylenes	U	0.6	1.0	10	10	0.6
95-47-6	o-Xylene	U	0.4	1.0	5	5	0.4
100-42-5	Styrene	U	0.3	1.0	5	5	0.3
75-25-2	Bromoform	U	0.3	1.0	5	5	0.3
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.8	1.0	10	10	0.8
79-34-5	1,1,2,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
96-18-4	1,2,3-Trichloropropane	U	0.8	1.0	5	5	0.8
76-01-1	Pentachloroethane	U	1	1.0	5	5	1
541-73-1	1,3-Dichlorobenzene	U	0.4	1.0	5	5	0.4
106-46-7	1,4-Dichlorobenzene	U	0.7	1.0	5	5	0.7
95-50-1	1,2-Dichlorobenzene	U	0.4	1.0	5	5	0.4
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.9	1.0	5	5	0.9
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		72%				
460-00-4	P-Bromofluorobenzene		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.6	1.0	5	5	0.6
74-87-3	Chloromethane	U	0.9	1.0	5	5	0.9
75-01-4	Vinyl chloride	U	0.7	1.0	5	5	0.7
74-83-9	Bromomethane	U	0.8	1.0	5	5	0.8
75-00-3	Chloroethane	U	0.5	1.0	5	5	0.5
75-69-4	Trichlorofluoromethane	U	0.5	1.0	5	5	0.5
75-35-4	1,1-Dichloroethene	U	0.5	1.0	5	5	0.5
75-15-0	Carbon Disulfide	U	0.4	1.0	5	5	0.4
74-88-4	Iodomethane	U	1	1.0	5	5	1
107-02-8	Acrolein	U	10	1.0	25	25	10
75-09-2	Methylene Chloride	JV	6	1.0	5	5	0.6
67-64-1	Acetone	U	7	1.0	25	25	7
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.5	1.0	5	5	0.5
107-05-1	Allyl Chloride	U	0.8	1.0	5	5	0.8
75-05-8	Acetonitrile	U	12	1.0	50	50	12
126-99-8	Chloroprene	U	0.4	1.0	5	5	0.4
126-98-7	Methacrylonitrile	U	5	1.0	50	50	5
107-12-0	Propionitrile	U	4	1.0	50	50	4
75-34-3	1,1-Dichloroethane	U	0.3	1.0	5	5	0.3
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	0.9	1.0	5	5	0.9
156-59-2	cis-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
80-62-6	Methyl Methacrylate	U	0.5	1.0	5	5	0.5
67-66-3	Chloroform	U	0.3	1.0	5	5	0.3
56-23-5	Carbon Tetrachloride	U	0.6	1.0	5	5	0.6
71-55-6	1,1,1-Trichloroethane	U	0.4	1.0	5	5	0.4
78-93-3	2-Butanone	U	4	1.0	25	25	4
71-43-2	Benzene	U	0.4	1.0	5	5	0.4
97-63-2	Ethyl Methacrylate	U	1	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	0.4	1.0	5	5	0.4
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.5	1.0	5	5	0.5
78-87-5	1,2-Dichloropropane	U	0.4	1.0	5	5	0.4
75-27-4	Bromodichloromethane	U	0.3	1.0	5	5	0.3
10061-01-5	cis-1,3-dichloropropene	U	0.2	1.0	5	5	0.2
123-91-1	1,4-Dioxane	U	23	1.0	100	100	23
108-88-3	Toluene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	2	1.0	25	25	2
127-18-4	Tetrachloroethene	U	0.5	1.0	5	5	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.5	1.0	5	5	0.5
79-00-5	1,1,2-Trichloroethane	U	0.2	1.0	5	5	0.2
124-48-1	Dibromochloromethane	U	0.3	1.0	5	5	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.3	1.0	5	5	0.3
591-78-6	2-Hexanone	U	5	1.0	25	25	5
108-90-7	Chlorobenzene	U	0.3	1.0	5	5	0.3
100-41-4	Ethylbenzene	U	0.3	1.0	5	5	0.3
630-20-6	1,1,1,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
1330-20-7	Xylenes (total)	U	1	1.0	15	15	1
	m+p-Xylenes	U	0.7	1.0	10	10	0.7
95-47-6	o-Xylene	U	0.4	1.0	5	5	0.4
100-42-5	Styrene	U	0.4	1.0	5	5	0.4
75-25-2	Bromoform	U	0.3	1.0	5	5	0.3
110-57-6	trans-1,4-Dichloro-2-Butene	U	1.0	1.0	10	10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
96-18-4	1,2,3-Trichloropropane	U	0.9	1.0	5	5	0.9
76-01-1	Pentachloroethane	U	1	1.0	5	5	1
541-73-1	1,3-Dichlorobenzene	U	0.5	1.0	5	5	0.5
106-46-7	1,4-Dichlorobenzene	U	0.8	1.0	5	5	0.8
95-50-1	1,2-Dichlorobenzene	U	0.5	1.0	5	5	0.5
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.5	1.0	5	5	0.5
120-82-1	1,2,4-Trichlorobenzene	U	1.0	1.0	5	5	1.0
1868-53-7	Dibromofluoromethane		72%				
17060-07-0	1,2-Dichloroethane-D4		78%				
2037-26-5	Toluene-D8		54%				
460-00-4	P-Bromofluorobenzene		J 36%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 10/21/04
Report Date: 10/25/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11RA
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG11048
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	6	1
74-87-3	Chloromethane	U	2	1.0	5	6	2
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	1	1.0	5	6	1
75-69-4	Trichlorofluoromethane	Q	14	1.0	5	6	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
75-15-0	Carbon Disulfide	U	0.8	1.0	5	6	0.8
74-88-4	Iodomethane	U	2	1.0	5	6	2
107-02-8	Acrolein	U	23	1.0	25	29	23
75-09-2	Methylene Chloride	VQ	17	1.0	5	6	1
67-64-1	Acetone	JQ	31	1.0	25	29	15
78-83-1	Isobutyl Alcohol	U	16	1.0	100	120	16
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	5	6	1
107-05-1	Allyl Chloride	U	2	1.0	5	6	2
75-05-8	Acetonitrile	U	26	1.0	50	58	26
126-99-8	Chloroprene	U	0.9	1.0	5	6	0.9
126-98-7	Methacrylonitrile	U	12	1.0	50	58	12
107-12-0	Propionitrile	U	8	1.0	50	58	8
75-34-3	1,1-Dichloroethane	U	0.7	1.0	5	6	0.7
107-13-1	Acrylonitrile	U	5	1.0	25	29	5
108-05-4	Vinyl Acetate	U	2	1.0	5	6	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	6	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	6	1
67-66-3	Chloroform	U	0.7	1.0	5	6	0.7
56-23-5	Carbon Tetrachloride	U	1	1.0	5	6	1
71-55-6	1,1,1-Trichloroethane	U	0.8	1.0	5	6	0.8
78-93-3	2-Butanone	U	9	1.0	25	29	9
71-43-2	Benzene	U	0.8	1.0	5	6	0.8
97-63-2	Ethyl Methacrylate	U	2	1.0	5	6	2
107-06-2	1,2-Dichloroethane	U	0.8	1.0	5	6	0.8
79-01-6	Trichloroethene	U	0.7	1.0	5	6	0.7
74-95-3	Dibromomethane	U	1	1.0	5	6	1
78-87-5	1,2-Dichloropropane	U	0.8	1.0	5	6	0.8
75-27-4	Bromodichloromethane	U	0.7	1.0	5	6	0.7
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	6	0.5
123-91-1	1,4-Dioxane	U	51	1.0	100	120	51
108-88-3	Toluene	U	0.7	1.0	5	6	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	5	6	1
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	6	0.5
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 10/21/04
Report Date: 10/25/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11RA
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG11048
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.6	1.0	5	6	0.6
591-78-6	2-Hexanone	U	10	1.0	25	29	10
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
630-20-6	1,1,1,2-Tetrachloroethane	U	0.6	1.0	5	6	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	17	2
	m+p-Xylenes	U	2	1.0	10	12	2
95-47-6	o-Xylene	U	0.9	1.0	5	6	0.9
100-42-5	Styrene	U	0.8	1.0	5	6	0.8
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	12	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.7	1.0	5	6	0.7
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	6	2
76-01-1	Pentachloroethane	U	3	1.0	5	6	3
541-73-1	1,3-Dichlorobenzene	U	1	1.0	5	6	1
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	6	2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	5	6	1
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	5	6	1
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		89%				
460-00-4	P-Bromofluorobenzene		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12RA
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.8	1.0	5	5	0.8
75-69-4	Trichlorofluoromethane	I	2	1.0	5	5	0.8
75-35-4	1,1-Dichloroethene	U	0.8	1.0	5	5	0.8
75-15-0	Carbon Disulfide	U	0.6	1.0	5	5	0.6
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	17	1.0	25	25	17
75-09-2	Methylene Chloride	JV	24	1.0	5	5	1
67-64-1	Acetone	U	11	1.0	25	25	11
78-83-1	Isobutyl Alcohol	U	12	1.0	100	100	12
156-60-5	trans-1,2-Dichloroethene	U	0.8	1.0	5	5	0.8
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	19	1.0	50	50	19
126-99-8	Chloroprene	U	0.7	1.0	5	5	0.7
126-98-7	Methacrylonitrile	U	9	1.0	50	50	9
107-12-0	Propionitrile	U	6	1.0	50	50	6
75-34-3	1,1-Dichloroethane	U	0.5	1.0	5	5	0.5
107-13-1	Acrylonitrile	U	3	1.0	25	25	3
108-05-4	Vinyl Acetate	U	1	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	0.6	1.0	5	5	0.6
80-62-6	Methyl Methacrylate	U	0.9	1.0	5	5	0.9
67-66-3	Chloroform	I	1.0	1.0	5	5	0.5
56-23-5	Carbon Tetrachloride	U	0.9	1.0	5	5	0.9
71-55-6	1,1,1-Trichloroethane	U	0.6	1.0	5	5	0.6
78-93-3	2-Butanone	U	7	1.0	25	25	7
71-43-2	Benzene	U	0.6	1.0	5	5	0.6
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.5	1.0	5	5	0.5
74-95-3	Dibromomethane	U	0.9	1.0	5	5	0.9
78-87-5	1,2-Dichloropropane	U	0.6	1.0	5	5	0.6
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
123-91-1	1,4-Dioxane	U	38	1.0	100	100	38
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	0.8	1.0	5	5	0.8
10061-02-6	trans-1,3-Dichloropropene	U	0.8	1.0	5	5	0.8
79-00-5	1,1,2-Trichloroethane	U	0.4	1.0	5	5	0.4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12RA
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.4	1.0	5	5	0.4
591-78-6	2-Hexanone	U	8	1.0	25	25	8
108-90-7	Chlorobenzene	U	0.5	1.0	5	5	0.5
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.4	1.0	5	5	0.4
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.5	1.0	5	5	0.5
110-57-6	trans-1;4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.8	1.0	5	5	0.8
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.8	1.0	5	5	0.8
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.8	1.0	5	5	0.8
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		107%				
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	6	1
74-87-3	Chloromethane	U	2	1.0	5	6	2
75-01-4	Vinyl chloride	U	2	1.0	5	6	2
74-83-9	Bromomethane	U	2	1.0	5	6	2
75-00-3	Chloroethane	U	1	1.0	5	6	1
75-69-4	Trichlorofluoromethane	U	1	1.0	5	6	1
75-35-4	1,1-Dichloroethene	U	1	1.0	5	6	1
75-15-0	Carbon Disulfide	U	0.8	1.0	5	6	0.8
74-88-4	Iodomethane	U	2	1.0	5	6	2
107-02-8	Acrolein	U	23	1.0	25	29	23
75-09-2	Methylene Chloride	JV	24	1.0	5	6	1
67-64-1	Acetone	U	15	1.0	25	29	15
78-83-1	Isobutyl Alcohol	U	16	1.0	100	120	16
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	5	6	1
107-05-1	Allyl Chloride	U	2	1.0	5	6	2
75-05-8	Acetonitrile	U	26	1.0	50	59	26
126-99-8	Chloroprene	U	0.9	1.0	5	6	0.9
126-98-7	Methacrylonitrile	U	12	1.0	50	59	12
107-12-0	Propionitrile	U	9	1.0	50	59	9
75-34-3	1,1-Dichloroethane	U	0.7	1.0	5	6	0.7
107-13-1	Acrylonitrile	U	5	1.0	25	29	5
108-05-4	Vinyl Acetate	U	2	1.0	5	6	2
156-59-2	cis-1,2-Dichloroethene	U	0.8	1.0	5	6	0.8
80-62-6	Methyl Methacrylate	U	1	1.0	5	6	1
67-66-3	Chloroform	I	0.9	1.0	5	6	0.7
56-23-5	Carbon Tetrachloride	U	1	1.0	5	6	1
71-55-6	1,1,1-Trichloroethane	U	0.8	1.0	5	6	0.8
78-93-3	2-Butanone	U	9	1.0	25	29	9
71-43-2	Benzene	U	0.9	1.0	5	6	0.9
97-63-2	Ethyl Methacrylate	U	2	1.0	5	6	2
107-06-2	1,2-Dichloroethane	U	0.8	1.0	5	6	0.8
79-01-6	Trichloroethene	U	0.7	1.0	5	6	0.7
74-95-3	Dibromomethane	U	1	1.0	5	6	1
78-87-5	1,2-Dichloropropane	U	0.9	1.0	5	6	0.9
75-27-4	Bromodichloromethane	U	0.7	1.0	5	6	0.7
10061-01-5	cis-1,3-dichloropropene	U	0.6	1.0	5	6	0.6
123-91-1	1,4-Dioxane	U	52	1.0	100	120	52
108-88-3	Toluene	U	0.7	1.0	5	6	0.7
108-10-1	4-methyl-2-pentanone	U	5	1.0	25	29	5
127-18-4	Tetrachloroethene	U	1	1.0	5	6	1
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	5	6	1
79-00-5	1,1,2-Trichloroethane	U	0.6	1.0	5	6	0.6
124-48-1	Dibromochloromethane	U	0.6	1.0	5	6	0.6

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.6	1.0	5	6	0.6
591-78-6	2-Hexanone	U	11	1.0	25	29	11
108-90-7	Chlorobenzene	U	0.7	1.0	5	6	0.7
100-41-4	Ethylbenzene	U	0.8	1.0	5	6	0.8
630-20-6	1,1,1,2-Tetrachloroethane	U	0.6	1.0	5	6	0.6
1330-20-7	Xylenes (total)	U	2	1.0	15	18	2
	m+p-Xylenes	U	2	1.0	10	12	2
95-47-6	o-Xylene	U	0.9	1.0	5	6	0.9
100-42-5	Styrene	U	0.8	1.0	5	6	0.8
75-25-2	Bromoform	U	0.7	1.0	5	6	0.7
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	12	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.8	1.0	5	6	0.8
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	6	2
76-01-1	Pentachloroethane	U	3	1.0	5	6	3
541-73-1	1,3-Dichlorobenzene	U	1	1.0	5	6	1
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	6	2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	5	6	1
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	5	6	1
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	6	2
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		113%				
2037-26-5	Toluene-D8		90%				
460-00-4	P-Bromofluorobenzene		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 11/12/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.6	1.0	5	5	0.6
74-87-3	Chloromethane	U	0.9	1.0	5	5	0.9
75-01-4	Vinyl chloride	U	0.7	1.0	5	5	0.7
74-83-9	Bromomethane	U	0.8	1.0	5	5	0.8
75-00-3	Chloroethane	U	0.5	1.0	5	5	0.5
75-69-4	Trichlorofluoromethane	I	0.8	1.0	5	5	0.5
75-35-4	1,1-Dichloroethene	U	0.5	1.0	5	5	0.5
75-15-0	Carbon Disulfide	U	0.4	1.0	5	5	0.4
74-88-4	Iodomethane	U	1	1.0	5	5	1
107-02-8	Acrolein	U	11	1.0	25	25	11
75-09-2	Methylene Chloride	JV	7	1.0	5	5	0.6
67-64-1	Acetone	IJ	17	1.0	25	25	7
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.5	1.0	5	5	0.5
107-05-1	Allyl Chloride	U	0.8	1.0	5	5	0.8
75-05-8	Acetonitrile	U	12	1.0	50	50	12
126-99-8	Chloroprene	U	0.4	1.0	5	5	0.4
126-98-7	Methacrylonitrile	U	5	1.0	50	50	5
107-12-0	Propionitrile	U	4	1.0	50	50	4
75-34-3	1,1-Dichloroethane	U	0.3	1.0	5	5	0.3
107-13-1	Acrylonitrile	U	2	1.0	25	25	2
108-05-4	Vinyl Acetate	U	0.9	1.0	5	5	0.9
156-59-2	cis-1,2-Dichloroethene	U	0.4	1.0	5	5	0.4
80-62-6	Methyl Methacrylate	U	0.5	1.0	5	5	0.5
67-66-3	Chloroform	U	0.3	1.0	5	5	0.3
56-23-5	Carbon Tetrachloride	U	0.6	1.0	5	5	0.6
71-55-6	1,1,1-Trichloroethane	U	0.4	1.0	5	5	0.4
78-93-3	2-Butanone	U	4	1.0	25	25	4
71-43-2	Benzene	U	0.4	1.0	5	5	0.4
97-63-2	Ethyl Methacrylate	U	1	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	0.4	1.0	5	5	0.4
79-01-6	Trichloroethene	U	0.3	1.0	5	5	0.3
74-95-3	Dibromomethane	U	0.5	1.0	5	5	0.5
78-87-5	1,2-Dichloropropane	U	0.4	1.0	5	5	0.4
75-27-4	Bromodichloromethane	U	0.3	1.0	5	5	0.3
10061-01-5	cis-1,3-dichloropropene	U	0.2	1.0	5	5	0.2
123-91-1	1,4-Dioxane	U	24	1.0	100	100	24
108-88-3	Toluene	U	0.3	1.0	5	5	0.3
108-10-1	4-methyl-2-pentanone	U	2	1.0	25	25	2
127-18-4	Tetrachloroethene	U	0.5	1.0	5	5	0.5
10061-02-6	trans-1,3-Dichloropropene	U	0.5	1.0	5	5	0.5
79-00-5	1,1,2-Trichloroethane	U	0.2	1.0	5	5	0.2
124-48-1	Dibromochloromethane	U	0.3	1.0	5	5	0.3

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 11/12/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.3	1.0	5	5	0.3
591-78-6	2-Hexanone	U	5	1.0	25	25	5
108-90-7	Chlorobenzene	U	0.3	1.0	5	5	0.3
100-41-4	Ethylbenzene	U	0.4	1.0	5	5	0.4
630-20-6	1,1,1,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
1330-20-7	Xylenes (total)	U	1	1.0	15	15	1
	m+p-Xylenes	U	0.8	1.0	10	10	0.8
95-47-6	o-Xylene	U	0.4	1.0	5	5	0.4
100-42-5	Styrene	U	0.4	1.0	5	5	0.4
75-25-2	Bromoform	U	0.3	1.0	5	5	0.3
110-57-6	trans-1,4-Dichloro-2-Butene	U	1.0	1.0	10	10	1.0
79-34-5	1,1,2,2-Tetrachloroethane	U	0.3	1.0	5	5	0.3
96-18-4	1,2,3-Trichloropropane	U	0.9	1.0	5	5	0.9
76-01-1	Pentachloroethane	U	1	1.0	5	5	1
541-73-1	1,3-Dichlorobenzene	U	0.5	1.0	5	5	0.5
106-46-7	1,4-Dichlorobenzene	U	0.8	1.0	5	5	0.8
95-50-1	1,2-Dichlorobenzene	U	0.5	1.0	5	5	0.5
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.5	1.0	5	5	0.5
120-82-1	1,2,4-Trichlorobenzene	U	1	1.0	5	5	1
1868-53-7	Dibromofluoromethane		57%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		95%				
460-00-4	P-Bromofluorobenzene		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.9	1.0	5	5	0.9
75-69-4	Trichlorofluoromethane	U	0.9	1.0	5	5	0.9
75-35-4	1,1-Dichloroethene	U	0.9	1.0	5	5	0.9
75-15-0	Carbon Disulfide	U	0.7	1.0	5	5	0.7
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	20	1.0	25	25	20
75-09-2	Methylene Chloride	JV	16	1.0	5	5	1
67-64-1	Acetone	IJ	15	1.0	25	25	13
78-83-1	Isobutyl Alcohol	U	14	1.0	100	100	14
156-60-5	trans-1,2-Dichloroethene	U	0.9	1.0	5	5	0.9
107-05-1	Allyl Chloride	U	2	1.0	5	5	2
75-05-8	Acetonitrile	U	22	1.0	50	50	22
126-99-8	Chloroprene	U	0.8	1.0	5	5	0.8
126-98-7	Methacrylonitrile	U	10	1.0	50	50	10
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
80-62-6	Methyl Methacrylate	U	1.0	1.0	5	5	1.0
67-66-3	Chloroform	U	0.6	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.7	1.0	5	5	0.7
78-93-3	2-Butanone	U	8	1.0	25	25	8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1	1.0	5	5	1
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	5	0.5
123-91-1	1,4-Dioxane	U	44	1.0	100	100	44
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	1.0	1.0	5	5	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.9	1.0	5	5	0.9
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	5	0.5
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	9	1.0	25	25	9
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.8	1.0	5	5	0.8
100-42-5	Styrene	U	0.7	1.0	5	5	0.7
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.9	1.0	5	5	0.9
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	0.9	1.0	5	5	0.9
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.9	1.0	5	5	0.9
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	1	1.0	5	5	1
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.8	1.0	5	5	0.8
75-69-4	Trichlorofluoromethane	I	3	1.0	5	5	0.8
75-35-4	1,1-Dichloroethene	U	0.8	1.0	5	5	0.8
75-15-0	Carbon Disulfide	U	0.6	1.0	5	5	0.6
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	18	1.0	25	25	18
75-09-2	Methylene Chloride	JV	16	1.0	5	5	1
67-64-1	Acetone	U	12	1.0	25	25	12
78-83-1	Isobutyl Alcohol	U	12	1.0	100	100	12
156-60-5	trans-1,2-Dichloroethene	U	0.8	1.0	5	5	0.8
107-05-1	Allyl Chloride	U	1	1.0	5	5	1
75-05-8	Acetonitrile	U	20	1.0	50	50	20
126-99-8	Chloroprene	U	0.7	1.0	5	5	0.7
126-98-7	Methacrylonitrile	U	9	1.0	50	50	9
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.5	1.0	5	5	0.5
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	1	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	0.6	1.0	5	5	0.6
80-62-6	Methyl Methacrylate	U	0.9	1.0	5	5	0.9
67-66-3	Chloroform	I	0.7	1.0	5	5	0.5
56-23-5	Carbon Tetrachloride	U	1.0	1.0	5	5	1.0
71-55-6	1,1,1-Trichloroethane	U	0.6	1.0	5	5	0.6
78-93-3	2-Butanone	U	7	1.0	25	25	7
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.6	1.0	5	5	0.6
79-01-6	Trichloroethene	U	0.5	1.0	5	5	0.5
74-95-3	Dibromomethane	U	0.9	1.0	5	5	0.9
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.5	1.0	5	5	0.5
10061-01-5	cis-1,3-dichloropropene	U	0.4	1.0	5	5	0.4
123-91-1	1,4-Dioxane	U	40	1.0	100	100	40
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	0.9	1.0	5	5	0.9
10061-02-6	trans-1,3-Dichloropropene	U	0.8	1.0	5	5	0.8
79-00-5	1,1,2-Trichloroethane	U	0.4	1.0	5	5	0.4
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	8	1.0	25	25	8
108-90-7	Chlorobenzene	U	0.5	1.0	5	5	0.5
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.7	1.0	5	5	0.7
100-42-5	Styrene	U	0.6	1.0	5	5	0.6
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.8	1.0	5	5	0.8
106-46-7	1,4-Dichlorobenzene	U	1	1.0	5	5	1
95-50-1	1,2-Dichlorobenzene	U	0.8	1.0	5	5	0.8
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.8	1.0	5	5	0.8
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	380	190
110-86-1	Pyridine	U	47	1.0	1600	1900	47
62-75-9	N-Nitrosodimethylamine	U	99	1.0	660	770	99
62-53-3	Aniline	U	110	1.0	330	380	110
108-95-2	Phenol	U	80	1.0	330	380	80
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	380	40
95-57-8	2-Chlorophenol	U	150	1.0	330	380	150
100-51-6	Benzyl alcohol	U	50	1.0	660	770	50
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	380	40
95-48-7	2-Methylphenol	U	95	1.0	330	380	95
67-72-1	Hexachloroethane	U	32	1.0	330	380	32
621-64-7	N-Nitroso-di-n-propylamine	U	35	1.0	330	380	35
106-44-5	3&4-Methylphenol	U	190	1.0	330	380	190
98-95-3	Nitrobenzene	U	40	1.0	330	380	40
78-59-1	Isophorone	U	31	1.0	330	380	31
88-75-5	2-Nitrophenol	U	100	1.0	330	380	100
105-67-9	2,4-Dimethyphenol	U	92	1.0	330	380	92
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	380	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	380	100
91-20-3	Naphthalene	U	44	1.0	330	380	44
106-47-8	4-Chloroaniline	U	28	1.0	330	380	28
87-68-3	Hexachlorobutadiene	U	66	1.0	330	380	66
59-50-7	4-Chloro-3-Methylphenol	U	82	1.0	330	380	82
91-57-6	2-Methylnaphthalene	U	170	1.0	330	380	170
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	380	30
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	380	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	960	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	380	36
88-74-4	2-Nitroaniline	U	77	1.0	820	960	77
208-96-8	Acenaphthylene	U	31	1.0	330	380	31
131-11-3	Dimethyl Phthalate	U	34	1.0	330	380	34
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	380	58
83-32-9	Acenaphthene	U	42	1.0	330	380	42
99-09-2	3-Nitroaniline	U	73	1.0	820	960	73
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	960	480
132-64-9	Dibenzofuran	U	51	1.0	330	380	51
100-02-7	4-Nitrophenol	U	160	1.0	820	960	160
121-14-2	2,4-Dinitrotoluene	U	47	1.0	330	380	47
86-73-7	Fluorene	U	32	1.0	330	380	32
84-66-2	Diethylphthalate	U	39	1.0	330	380	39
7005-72-3	4-Chlorophenyl-phenylether	U	46	1.0	330	380	46
100-01-6	4-Nitroaniline	U	110	1.0	820	960	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	77	1.0	820	960	77

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	75	1.0	330	380	75
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	380	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	380	100
87-86-5	Pentachlorophenol	U	170	1.0	820	960	170
85-01-8	Phenanthrene	U	33	1.0	330	380	33
120-12-7	Anthracene	U	35	1.0	330	380	35
84-74-2	Di-n-butylphthalate	U	48	1.0	330	380	48
206-44-0	Fluoranthene	U	36	1.0	330	380	36
129-00-0	Pyrene	U	38	1.0	330	380	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	380	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	380	29
218-01-9	Chrysene	U	45	1.0	330	380	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	380	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	380	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	380	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	380	48
207-08-9	Benzo(k)fluoranthene	U	39	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	36	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	56	1.0	330	380	56
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	380	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	380	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	380	190
66-27-3	Methyl Methanesulfonate	U	380	1.0	660	770	380
55-18-5	N-Nitrosodiethylamine	U	380	1.0	660	770	380
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	380	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	380	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	380	190
95-53-4	o-Toluidine	U	190	1.0	330	380	190
98-86-2	Acetophenone	U	30	1.0	330	380	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	380	190
126-68-1	O,O,O-Triethylphosphorothioat	U	380	1.0	660	770	380
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	380	190
1888-71-7	Hexachloropropene	U	190	1.0	330	380	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	380	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	380	190
120-58-1	Isosafrole	U	380	1.0	660	770	380
106-50-3	p-Phenylenediamine	U	190	1.0	330	380	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	380	190
94-59-7	Safrole	U	190	1.0	330	380	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	380	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	380	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	380	190
91-59-8	2-Naphthylamine	U	190	1.0	330	380	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	380	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	380	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	380	1.0	660	770	380
99-55-8	5-Nitro-O-Toluidine	U	380	1.0	660	770	380
3689-24-5	Sulfotepp	U	190	1.0	330	380	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	380	190
2303-16-4	Diallate	U	380	1.0	660	770	380
62-44-2	Phenacetin	U	190	1.0	330	380	190
60-51-5	Dimethoate	U	190	1.0	330	380	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	380	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	380	190
23950-58-5	Pronamide	U	190	1.0	330	380	190
56-57-5	4-Nitroquinoline-1-Oxide	U	380	1.0	660	770	380
91-80-5	Methapyrilene	U	190	1.0	330	380	190
465-73-6	Isodrin	U	380	1.0	660	770	380
140-57-8	Aramite	U	380	1.0	660	770	380
60-11-7	p-Dimethylaminoazobenzene	U	380	1.0	660	770	380
510-15-6	Chlorobenzilate	U	380	1.0	660	770	380
143-50-0	Kepone	U	190	1.0	330	380	190
119-93-7	3,3'-Dimethylbenzidine	U	380	1.0	660	770	380
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	380	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	380	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	380	190
70-30-4	Hexachlorophene	U	190	1.0	330	380	190
56-38-2	Parathion	U	190	1.0	330	380	190
88-85-7	Dinoseb	U	190	1.0	330	380	190
367-12-4	2-Fluorophenol		99%				
13127-88-3	Phenol-D6		88%				
4165-60-0	Nitrobenzene-D5		85%				
321-60-8	2-Fluorobiphenyl		103%				
118-79-6	2,4,6-Tribromophenol		J104%				
1718-51-0	Terphenyl-D14		J112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	380	190
110-86-1	Pyridine	U	47	1.0	1600	1800	47
62-75-9	N-Nitrosodimethylamine	U	99	1.0	660	770	99
62-53-3	Aniline	U	100	1.0	330	380	100
108-95-2	Phenol	U	80	1.0	330	380	80
111-44-4	Bis(2-Chloroethyl)ether	U	39	1.0	330	380	39
95-57-8	2-Chlorophenol	U	150	1.0	330	380	150
100-51-6	Benzyl alcohol	U	50	1.0	660	770	50
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	380	40
95-48-7	2-Methylphenol	U	94	1.0	330	380	94
67-72-1	Hexachloroethane	U	32	1.0	330	380	32
621-64-7	N-Nitroso-di-n-propylamine	U	35	1.0	330	380	35
106-44-5	3&4-Methylphenol	U	190	1.0	330	380	190
98-95-3	Nitrobenzene	U	40	1.0	330	380	40
78-59-1	Isophorone	U	30	1.0	330	380	30
88-75-5	2-Nitrophenol	U	100	1.0	330	380	100
105-67-9	2,4-Dimethyphenol	U	91	1.0	330	380	91
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	380	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	380	100
91-20-3	Naphthalene	U	44	1.0	330	380	44
106-47-8	4-Chloroaniline	U	28	1.0	330	380	28
87-68-3	Hexachlorobutadiene	U	66	1.0	330	380	66
59-50-7	4-Chloro-3-Methylphenol	U	82	1.0	330	380	82
91-57-6	2-Methylnaphthalene	U	170	1.0	330	380	170
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	380	30
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	380	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	950	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	380	36
88-74-4	2-Nitroaniline	U	77	1.0	820	950	77
208-96-8	Acenaphthylene	U	31	1.0	330	380	31
131-11-3	Dimethyl Phthalate	U	34	1.0	330	380	34
606-20-2	2,6-Dinitrotoluene	U	57	1.0	330	380	57
83-32-9	Acenaphthene	U	41	1.0	330	380	41
99-09-2	3-Nitroaniline	U	73	1.0	820	950	73
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	950	480
132-64-9	Dibenzofuran	U	51	1.0	330	380	51
100-02-7	4-Nitrophenol	U	160	1.0	820	950	160
121-14-2	2,4-Dinitrotoluene	U	47	1.0	330	380	47
86-73-7	Fluorene	U	32	1.0	330	380	32
84-66-2	Diethylphthalate	U	38	1.0	330	380	38
7005-72-3	4-Chlorophenyl-phenylether	U	46	1.0	330	380	46
100-01-6	4-Nitroaniline	U	110	1.0	820	950	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	77	1.0	820	950	77

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	74	1.0	330	380	74
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	380	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	380	100
87-86-5	Pentachlorophenol	U	170	1.0	820	950	170
85-01-8	Phenanthrene	U	33	1.0	330	380	33
120-12-7	Anthracene	U	34	1.0	330	380	34
84-74-2	Di-n-butylphthalate	U	48	1.0	330	380	48
206-44-0	Fluoranthene	U	36	1.0	330	380	36
129-00-0	Pyrene	U	37	1.0	330	380	37
85-68-7	Butylbenzylphthalate	U	110	1.0	330	380	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	380	29
218-01-9	Chrysene	U	45	1.0	330	380	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	380	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	380	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	380	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	380	48
207-08-9	Benzo(k)fluoranthene	U	39	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	36	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	56	1.0	330	380	56
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	380	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	380	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	380	190
66-27-3	Methyl Methanesulfonate	U	380	1.0	660	770	380
55-18-5	N-Nitrosodiethylamine	U	380	1.0	660	770	380
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	380	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	380	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	380	190
95-53-4	o-Toluidine	U	190	1.0	330	380	190
98-86-2	Acetophenone	U	30	1.0	330	380	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	380	190
126-68-1	O,O,O-Triethylphosphorothioat	U	380	1.0	660	770	380
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	380	190
1888-71-7	Hexachloropropene	U	190	1.0	330	380	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	380	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	380	190
120-58-1	Isosafrole	U	380	1.0	660	770	380
106-50-3	p-Phenylenediamine	U	190	1.0	330	380	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	380	190
94-59-7	Safrole	U	190	1.0	330	380	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	380	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	380	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	380	190
91-59-8	2-Naphthylamine	U	190	1.0	330	380	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	380	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	380	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	380	1.0	660	770	380
99-55-8	5-Nitro-O-Toluidine	U	380	1.0	660	770	380
3689-24-5	Sulfotepp	U	190	1.0	330	380	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	380	190
2303-16-4	Diallate	U	380	1.0	660	770	380
62-44-2	Phenacetin	U	190	1.0	330	380	190
60-51-5	Dimethoate	U	190	1.0	330	380	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	380	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	380	190
23950-58-5	Pronamide	U	190	1.0	330	380	190
56-57-5	4-Nitroquinoline-1-Oxide	U	380	1.0	660	770	380
91-80-5	Methapyrilene	U	190	1.0	330	380	190
465-73-6	Isodrin	U	380	1.0	660	770	380
140-57-8	Aramite	U	380	1.0	660	770	380
60-11-7	p-Dimethylaminoazobenzene	U	380	1.0	660	770	380
510-15-6	Chlorobenzilate	U	380	1.0	660	770	380
143-50-0	Kepone	U	190	1.0	330	380	190
119-93-7	3,3'-Dimethylbenzidine	U	380	1.0	660	770	380
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	380	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	380	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	380	190
70-30-4	Hexachlorophene	U	190	1.0	330	380	190
56-38-2	Parathion	U	190	1.0	330	380	190
88-85-7	Dinoseb	U	190	1.0	330	380	190
367-12-4	2-Fluorophenol		100%				
13127-88-3	Phenol-D6		91%				
4165-60-0	Nitrobenzene-D5		88%				
321-60-8	2-Fluorobiphenyl		102%				
118-79-6	2,4,6-Tribromophenol		90%				
1718-51-0	Terphenyl-D14		J123%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	390	190
110-86-1	Pyridine	U	48	1.0	1600	1900	48
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	780	100
62-53-3	Aniline	U	110	1.0	330	390	110
108-95-2	Phenol	U	81	1.0	330	390	81
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	390	40
95-57-8	2-Chlorophenol	U	150	1.0	330	390	150
100-51-6	Benzyl alcohol	U	51	1.0	660	780	51
108-60-1	Bis(2-Chloroisopropyl)ether	U	41	1.0	330	390	41
95-48-7	2-Methylphenol	U	96	1.0	330	390	96
67-72-1	Hexachloroethane	U	33	1.0	330	390	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	390	36
106-44-5	3&4-Methylphenol	U	190	1.0	330	390	190
98-95-3	Nitrobenzene	U	41	1.0	330	390	41
78-59-1	Isophorone	U	31	1.0	330	390	31
88-75-5	2-Nitrophenol	U	100	1.0	330	390	100
105-67-9	2,4-Dimethyphenol	U	93	1.0	330	390	93
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	390	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	390	100
91-20-3	Naphthalene	U	44	1.0	330	390	44
106-47-8	4-Chloroaniline	U	28	1.0	330	390	28
87-68-3	Hexachlorobutadiene	U	67	1.0	330	390	67
59-50-7	4-Chloro-3-Methylphenol	U	83	1.0	330	390	83
91-57-6	2-Methylnaphthalene	U	180	1.0	330	390	180
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	390	30
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	390	110
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	970	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	390	36
88-74-4	2-Nitroaniline	U	78	1.0	820	970	78
208-96-8	Acenaphthylene	U	32	1.0	330	390	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	390	35
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	390	58
83-32-9	Acenaphthene	U	42	1.0	330	390	42
99-09-2	3-Nitroaniline	U	74	1.0	820	970	74
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	970	480
132-64-9	Dibenzofuran	U	52	1.0	330	390	52
100-02-7	4-Nitrophenol	U	160	1.0	820	970	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	390	48
86-73-7	Fluorene	U	32	1.0	330	390	32
84-66-2	Diethylphthalate	U	39	1.0	330	390	39
7005-72-3	4-Chlorophenyl-phenylether	U	47	1.0	330	390	47
100-01-6	4-Nitroaniline	U	110	1.0	820	970	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	78	1.0	820	970	78

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	76	1.0	330	390	76
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	390	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	390	100
87-86-5	Pentachlorophenol	U	170	1.0	820	970	170
85-01-8	Phenanthrene	U	34	1.0	330	390	34
120-12-7	Anthracene	U	35	1.0	330	390	35
84-74-2	Di-n-butylphthalate	U	48	1.0	330	390	48
206-44-0	Fluoranthene	U	36	1.0	330	390	36
129-00-0	Pyrene	U	38	1.0	330	390	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	390	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	390	29
218-01-9	Chrysene	U	45	1.0	330	390	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	390	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	390	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	390	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	390	48
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	37	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	57	1.0	330	390	57
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	390	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	390	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	390	190
66-27-3	Methyl Methanesulfonate	U	390	1.0	660	780	390
55-18-5	N-Nitrosodiethylamine	U	390	1.0	660	780	390
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	390	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	390	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	390	190
95-53-4	o-Toluidine	U	190	1.0	330	390	190
98-86-2	Acetophenone	U	30	1.0	330	390	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	390	190
126-68-1	O,O,O-Triethylphosphorothioat	U	390	1.0	660	780	390
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	390	190
1888-71-7	Hexachloropropene	U	190	1.0	330	390	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	390	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	390	190
120-58-1	Isosafrole	U	390	1.0	660	780	390
106-50-3	p-Phenylenediamine	U	190	1.0	330	390	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	390	190
94-59-7	Safrole	U	190	1.0	330	390	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	390	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	390	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	390	190
91-59-8	2-Naphthylamine	U	190	1.0	330	390	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	390	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	390	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	390	1.0	660	780	390
99-55-8	5-Nitro-O-Toluidine	U	390	1.0	660	780	390
3689-24-5	Sulfotepp	U	190	1.0	330	390	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	390	190
2303-16-4	Diallate	U	390	1.0	660	780	390
62-44-2	Phenacetin	U	190	1.0	330	390	190
60-51-5	Dimethoate	U	190	1.0	330	390	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	390	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	390	190
23950-58-5	Pronamide	U	190	1.0	330	390	190
56-57-5	4-Nitroquinoline-1-Oxide	U	390	1.0	660	780	390
91-80-5	Methapyrilene	U	190	1.0	330	390	190
465-73-6	Isodrin	U	390	1.0	660	780	390
140-57-8	Aramite	U	390	1.0	660	780	390
60-11-7	p-Dimethylaminoazobenzene	U	390	1.0	660	780	390
510-15-6	Chlorobenzilate	U	390	1.0	660	780	390
143-50-0	Kepone	U	190	1.0	330	390	190
119-93-7	3,3'-Dimethylbenzidine	U	390	1.0	660	780	390
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	390	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	390	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	390	190
70-30-4	Hexachlorophene	U	190	1.0	330	390	190
56-38-2	Parathion	U	190	1.0	330	390	190
88-85-7	Dinoseb	U	190	1.0	330	390	190
367-12-4	2-Fluorophenol		102%				
13127-88-3	Phenol-D6		88%				
4165-60-0	Nitrobenzene-D5		87%				
321-60-8	2-Fluorobiphenyl		101%				
118-79-6	2,4,6-Tribromophenol		93%				
1718-51-0	Terphenyl-D14		J120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	410	200
110-86-1	Pyridine	U	50	1.0	1600	2000	50
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	820	100
62-53-3	Aniline	U	110	1.0	330	410	110
108-95-2	Phenol	U	85	1.0	330	410	85
111-44-4	Bis(2-Chloroethyl)ether	U	42	1.0	330	410	42
95-57-8	2-Chlorophenol	U	160	1.0	330	410	160
100-51-6	Benzyl alcohol	U	53	1.0	660	820	53
108-60-1	Bis(2-Chloroisopropyl)ether	U	43	1.0	330	410	43
95-48-7	2-Methylphenol	U	100	1.0	330	410	100
67-72-1	Hexachloroethane	U	34	1.0	330	410	34
621-64-7	N-Nitroso-di-n-propylamine	U	38	1.0	330	410	38
106-44-5	3&4-Methylphenol	U	200	1.0	330	410	200
98-95-3	Nitrobenzene	U	43	1.0	330	410	43
78-59-1	Isophorone	U	32	1.0	330	410	32
88-75-5	2-Nitrophenol	U	110	1.0	330	410	110
105-67-9	2,4-Dimethyphenol	U	97	1.0	330	410	97
111-91-1	Bis(2-Chloroethoxy)methane	U	33	1.0	330	410	33
120-83-2	2,4-Dichlorophenol	U	110	1.0	330	410	110
91-20-3	Naphthalene	U	46	1.0	330	410	46
106-47-8	4-Chloroaniline	U	30	1.0	330	410	30
87-68-3	Hexachlorobutadiene	U	70	1.0	330	410	70
59-50-7	4-Chloro-3-Methylphenol	U	87	1.0	330	410	87
91-57-6	2-Methylnaphthalene	U	180	1.0	330	410	180
77-47-4	Hexachlorocyclopentadiene	U	32	1.0	330	410	32
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	410	110
95-95-4	2,4,5-Trichlorophenol	U	110	1.0	820	1000	110
91-58-7	2-Chloronaphthalene	U	38	1.0	330	410	38
88-74-4	2-Nitroaniline	U	82	1.0	820	1000	82
208-96-8	Acenaphthylene	I	42	1.0	330	410	33
131-11-3	Dimethyl Phthalate	U	36	1.0	330	410	36
606-20-2	2,6-Dinitrotoluene	U	61	1.0	330	410	61
83-32-9	Acenaphthene	U	44	1.0	330	410	44
99-09-2	3-Nitroaniline	U	77	1.0	820	1000	77
51-28-5	2,4-Dinitrophenol	U	510	1.0	820	1000	510
132-64-9	Dibenzofuran	U	54	1.0	330	410	54
100-02-7	4-Nitrophenol	U	170	1.0	820	1000	170
121-14-2	2,4-Dinitrotoluene	U	50	1.0	330	410	50
86-73-7	Fluorene	U	34	1.0	330	410	34
84-66-2	Diethylphthalate	U	41	1.0	330	410	41
7005-72-3	4-Chlorophenyl-phenylether	U	49	1.0	330	410	49
100-01-6	4-Nitroaniline	U	120	1.0	820	1000	120
534-52-1	4,6-Dinitro-2-Methylphenol	U	82	1.0	820	1000	82

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	79	1.0	330	410	79
101-55-3	4-Bromophenyl-phenylether	U	52	1.0	330	410	52
118-74-1	Hexachlorobenzene	U	110	1.0	330	410	110
87-86-5	Pentachlorophenol	U	180	1.0	820	1000	180
85-01-8	Phenanthrene	U	35	1.0	330	410	35
120-12-7	Anthracene	U	37	1.0	330	410	37
84-74-2	Di-n-butylphthalate	U	51	1.0	330	410	51
206-44-0	Fluoranthene	I	350	1.0	330	410	38
129-00-0	Pyrene	I	120	1.0	330	410	40
85-68-7	Butylbenzylphthalate	U	110	1.0	330	410	110
56-55-3	Benzo(a)anthracene	J	39	1.0	330	410	31
218-01-9	Chrysene	I	120	1.0	330	410	47
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	410	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	180	1.0	330	410	180
117-84-0	Di-n-octylphthalate	U	240	1.0	330	410	240
205-99-2	Benzo(b)fluoranthene	I	310	1.0	330	410	51
207-08-9	Benzo(k)fluoranthene	I	81	1.0	330	410	42
50-32-8	Benzo(a)pyrene	I	230	1.0	330	410	38
193-39-5	Indeno(1,2,3-cd)pyrene	I	74	1.0	330	410	60
53-70-3	Dibenzo(a,h)anthracene	U	50	1.0	330	410	50
191-24-2	Benzo(g,h,i)perylene	I	81	1.0	330	410	48
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	410	200
66-27-3	Methyl Methanesulfonate	U	410	1.0	660	820	410
55-18-5	N-Nitrosodiethylamine	U	410	1.0	660	820	410
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	410	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	410	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	410	200
95-53-4	o-Toluidine	U	200	1.0	330	410	200
98-86-2	Acetophenone	U	32	1.0	330	410	32
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	410	200
126-68-1	O,O,O-Triethylphosphorothioat	U	410	1.0	660	820	410
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	410	200
1888-71-7	Hexachloropropene	U	200	1.0	330	410	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	410	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	410	200
120-58-1	Isosafrole	U	410	1.0	660	820	410
106-50-3	p-Phenylenediamine	U	200	1.0	330	410	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	410	200
94-59-7	Safrole	U	200	1.0	330	410	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	410	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	410	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	410	200
91-59-8	2-Naphthylamine	U	200	1.0	330	410	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	410	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	410	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	410	1.0	660	820	410
99-55-8	5-Nitro-O-Toluidine	U	410	1.0	660	820	410
3689-24-5	Sulfotepp	U	200	1.0	330	410	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	410	200
2303-16-4	Diallate	U	410	1.0	660	820	410
62-44-2	Phenacetin	U	200	1.0	330	410	200
60-51-5	Dimethoate	U	200	1.0	330	410	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	410	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	410	200
23950-58-5	Pronamide	U	200	1.0	330	410	200
56-57-5	4-Nitroquinoline-1-Oxide	U	410	1.0	660	820	410
91-80-5	Methapyrilene	U	200	1.0	330	410	200
465-73-6	Isodrin	U	410	1.0	660	820	410
140-57-8	Aramite	U	410	1.0	660	820	410
60-11-7	p-Dimethylaminoazobenzene	U	410	1.0	660	820	410
510-15-6	Chlorobenzilate	U	410	1.0	660	820	410
143-50-0	Kepone	U	200	1.0	330	410	200
119-93-7	3,3'-Dimethylbenzidine	U	410	1.0	660	820	410
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	410	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	410	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	410	200
70-30-4	Hexachlorophene	U	200	1.0	330	410	200
56-38-2	Parathion	U	200	1.0	330	410	200
88-85-7	Dinoseb	U	200	1.0	330	410	200
367-12-4	2-Fluorophenol		90%				
13127-88-3	Phenol-D6		90%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		107%				
118-79-6	2,4,6-Tribromophenol		97%				
1718-51-0	Terphenyl-D14		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	390	190
110-86-1	Pyridine	U	48	1.0	1600	1900	48
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	780	100
62-53-3	Aniline	U	110	1.0	330	390	110
108-95-2	Phenol	U	81	1.0	330	390	81
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	390	40
95-57-8	2-Chlorophenol	U	150	1.0	330	390	150
100-51-6	Benzyl alcohol	U	50	1.0	660	780	50
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	390	40
95-48-7	2-Methylphenol	U	96	1.0	330	390	96
67-72-1	Hexachloroethane	U	33	1.0	330	390	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	390	36
106-44-5	3&4-Methylphenol	U	190	1.0	330	390	190
98-95-3	Nitrobenzene	U	41	1.0	330	390	41
78-59-1	Isophorone	U	31	1.0	330	390	31
88-75-5	2-Nitrophenol	U	100	1.0	330	390	100
105-67-9	2,4-Dimethyphenol	U	92	1.0	330	390	92
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	390	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	390	100
91-20-3	Naphthalene	U	44	1.0	330	390	44
106-47-8	4-Chloroaniline	U	28	1.0	330	390	28
87-68-3	Hexachlorobutadiene	U	67	1.0	330	390	67
59-50-7	4-Chloro-3-Methylphenol	U	83	1.0	330	390	83
91-57-6	2-Methylnaphthalene	U	180	1.0	330	390	180
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	390	30
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	390	110
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	960	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	390	36
88-74-4	2-Nitroaniline	U	78	1.0	820	960	78
208-96-8	Acenaphthylene	U	32	1.0	330	390	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	390	35
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	390	58
83-32-9	Acenaphthene	U	42	1.0	330	390	42
99-09-2	3-Nitroaniline	U	74	1.0	820	960	74
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	960	480
132-64-9	Dibenzofuran	U	51	1.0	330	390	51
100-02-7	4-Nitrophenol	U	160	1.0	820	960	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	390	48
86-73-7	Fluorene	U	32	1.0	330	390	32
84-66-2	Diethylphthalate	U	39	1.0	330	390	39
7005-72-3	4-Chlorophenyl-phenylether	U	46	1.0	330	390	46
100-01-6	4-Nitroaniline	U	110	1.0	820	960	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	78	1.0	820	960	78

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	75	1.0	330	390	75
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	390	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	390	100
87-86-5	Pentachlorophenol	U	170	1.0	820	960	170
85-01-8	Phenanthrene	U	34	1.0	330	390	34
120-12-7	Anthracene	U	35	1.0	330	390	35
84-74-2	Di-n-butylphthalate	U	48	1.0	330	390	48
206-44-0	Fluoranthene	U	36	1.0	330	390	36
129-00-0	Pyrene	U	38	1.0	330	390	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	390	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	390	29
218-01-9	Chrysene	U	45	1.0	330	390	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	390	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	390	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	390	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	390	48
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	37	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	57	1.0	330	390	57
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	390	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	390	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	390	190
66-27-3	Methyl Methanesulfonate	U	390	1.0	660	780	390
55-18-5	N-Nitrosodiethylamine	U	390	1.0	660	780	390
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	390	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	390	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	390	190
95-53-4	o-Toluidine	U	190	1.0	330	390	190
98-86-2	Acetophenone	U	30	1.0	330	390	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	390	190
126-68-1	O,O,O-Triethylphosphorothioat	U	390	1.0	660	780	390
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	390	190
1888-71-7	Hexachloropropene	U	190	1.0	330	390	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	390	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	390	190
120-58-1	Isosafrole	U	390	1.0	660	780	390
106-50-3	p-Phenylenediamine	U	190	1.0	330	390	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	390	190
94-59-7	Safrole	U	190	1.0	330	390	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	390	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	390	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	390	190
91-59-8	2-Naphthylamine	U	190	1.0	330	390	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	390	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	390	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	390	1.0	660	780	390
99-55-8	5-Nitro-O-Toluidine	U	390	1.0	660	780	390
3689-24-5	Sulfotepp	U	190	1.0	330	390	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	390	190
2303-16-4	Diallate	U	390	1.0	660	780	390
62-44-2	Phenacetin	U	190	1.0	330	390	190
60-51-5	Dimethoate	U	190	1.0	330	390	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	390	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	390	190
23950-58-5	Pronamide	U	190	1.0	330	390	190
56-57-5	4-Nitroquinoline-1-Oxide	U	390	1.0	660	780	390
91-80-5	Methapyrilene	U	190	1.0	330	390	190
465-73-6	Isodrin	U	390	1.0	660	780	390
140-57-8	Aramite	U	390	1.0	660	780	390
60-11-7	p-Dimethylaminoazobenzene	U	390	1.0	660	780	390
510-15-6	Chlorobenzilate	U	390	1.0	660	780	390
143-50-0	Kepone	U	190	1.0	330	390	190
119-93-7	3,3'-Dimethylbenzidine	U	390	1.0	660	780	390
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	390	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	390	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	390	190
70-30-4	Hexachlorophene	U	190	1.0	330	390	190
56-38-2	Parathion	U	190	1.0	330	390	190
88-85-7	Dinoseb	U	190	1.0	330	390	190
367-12-4	2-Fluorophenol		100%				
13127-88-3	Phenol-D6		88%				
4165-60-0	Nitrobenzene-D5		86%				
321-60-8	2-Fluorobiphenyl		94%				
118-79-6	2,4,6-Tribromophenol		82%				
1718-51-0	Terphenyl-D14		J132%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	380	190
110-86-1	Pyridine	U	47	1.0	1600	1800	47
62-75-9	N-Nitrosodimethylamine	U	97	1.0	660	760	97
62-53-3	Aniline	U	100	1.0	330	380	100
108-95-2	Phenol	U	79	1.0	330	380	79
111-44-4	Bis(2-Chloroethyl)ether	U	39	1.0	330	380	39
95-57-8	2-Chlorophenol	U	150	1.0	330	380	150
100-51-6	Benzyl alcohol	U	49	1.0	660	760	49
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	380	40
95-48-7	2-Methylphenol	U	93	1.0	330	380	93
67-72-1	Hexachloroethane	U	32	1.0	330	380	32
621-64-7	N-Nitroso-di-n-propylamine	U	35	1.0	330	380	35
106-44-5	3&4-Methylphenol	U	190	1.0	330	380	190
98-95-3	Nitrobenzene	U	40	1.0	330	380	40
78-59-1	Isophorone	U	30	1.0	330	380	30
88-75-5	2-Nitrophenol	U	100	1.0	330	380	100
105-67-9	2,4-Dimethyphenol	U	90	1.0	330	380	90
111-91-1	Bis(2-Chloroethoxy)methane	U	30	1.0	330	380	30
120-83-2	2,4-Dichlorophenol	U	99	1.0	330	380	99
91-20-3	Naphthalene	U	43	1.0	330	380	43
106-47-8	4-Chloroaniline	U	27	1.0	330	380	27
87-68-3	Hexachlorobutadiene	U	65	1.0	330	380	65
59-50-7	4-Chloro-3-Methylphenol	U	81	1.0	330	380	81
91-57-6	2-Methylnaphthalene	U	170	1.0	330	380	170
77-47-4	Hexachlorocyclopentadiene	U	29	1.0	330	380	29
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	380	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	940	100
91-58-7	2-Chloronaphthalene	U	35	1.0	330	380	35
88-74-4	2-Nitroaniline	U	76	1.0	820	940	76
208-96-8	Acenaphthylene	U	31	1.0	330	380	31
131-11-3	Dimethyl Phthalate	U	34	1.0	330	380	34
606-20-2	2,6-Dinitrotoluene	U	56	1.0	330	380	56
83-32-9	Acenaphthene	U	41	1.0	330	380	41
99-09-2	3-Nitroaniline	U	72	1.0	820	940	72
51-28-5	2,4-Dinitrophenol	U	470	1.0	820	940	470
132-64-9	Dibenzofuran	U	50	1.0	330	380	50
100-02-7	4-Nitrophenol	U	160	1.0	820	940	160
121-14-2	2,4-Dinitrotoluene	U	46	1.0	330	380	46
86-73-7	Fluorene	U	31	1.0	330	380	31
84-66-2	Diethylphthalate	U	38	1.0	330	380	38
7005-72-3	4-Chlorophenyl-phenylether	U	45	1.0	330	380	45
100-01-6	4-Nitroaniline	U	110	1.0	820	940	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	76	1.0	820	940	76

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	74	1.0	330	380	74
101-55-3	4-Bromophenyl-phenylether	U	48	1.0	330	380	48
118-74-1	Hexachlorobenzene	U	100	1.0	330	380	100
87-86-5	Pentachlorophenol	U	170	1.0	820	940	170
85-01-8	Phenanthrene	U	33	1.0	330	380	33
120-12-7	Anthracene	U	34	1.0	330	380	34
84-74-2	Di-n-butylphthalate	U	47	1.0	330	380	47
206-44-0	Fluoranthene	U	35	1.0	330	380	35
129-00-0	Pyrene	U	37	1.0	330	380	37
85-68-7	Butylbenzylphthalate	U	110	1.0	330	380	110
56-55-3	Benzo(a)anthracene	U	28	1.0	330	380	28
218-01-9	Chrysene	U	44	1.0	330	380	44
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	380	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	160	1.0	330	380	160
117-84-0	Di-n-octylphthalate	U	220	1.0	330	380	220
205-99-2	Benzo(b)fluoranthene	U	47	1.0	330	380	47
207-08-9	Benzo(k)fluoranthene	U	39	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	36	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	56	1.0	330	380	56
53-70-3	Dibenzo(a,h)anthracene	U	46	1.0	330	380	46
191-24-2	Benzo(g,h,i)perylene	U	44	1.0	330	380	44
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	380	190
66-27-3	Methyl Methanesulfonate	U	380	1.0	660	760	380
55-18-5	N-Nitrosodiethylamine	U	380	1.0	660	760	380
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	380	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	380	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	380	190
95-53-4	o-Toluidine	U	190	1.0	330	380	190
98-86-2	Acetophenone	U	29	1.0	330	380	29
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	380	190
126-68-1	O,O,O-Triethylphosphorothioat	U	380	1.0	660	760	380
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	380	190
1888-71-7	Hexachloropropene	U	190	1.0	330	380	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	380	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	380	190
120-58-1	Isosafrole	U	380	1.0	660	760	380
106-50-3	p-Phenylenediamine	U	190	1.0	330	380	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	380	190
94-59-7	Safrole	U	190	1.0	330	380	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	380	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	380	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	380	190
91-59-8	2-Naphthylamine	U	190	1.0	330	380	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	380	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	380	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	380	1.0	660	760	380
99-55-8	5-Nitro-O-Toluidine	U	380	1.0	660	760	380
3689-24-5	Sulfotepp	U	190	1.0	330	380	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	380	190
2303-16-4	Diallate	U	380	1.0	660	760	380
62-44-2	Phenacetin	U	190	1.0	330	380	190
60-51-5	Dimethoate	U	190	1.0	330	380	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	380	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	380	190
23950-58-5	Pronamide	U	190	1.0	330	380	190
56-57-5	4-Nitroquinoline-1-Oxide	U	380	1.0	660	760	380
91-80-5	Methapyrilene	U	190	1.0	330	380	190
465-73-6	Isodrin	U	380	1.0	660	760	380
140-57-8	Aramite	U	380	1.0	660	760	380
60-11-7	p-Dimethylaminoazobenzene	U	380	1.0	660	760	380
510-15-6	Chlorobenzilate	U	380	1.0	660	760	380
143-50-0	Kepone	U	190	1.0	330	380	190
119-93-7	3,3'-Dimethylbenzidine	U	380	1.0	660	760	380
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	380	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	380	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	380	190
70-30-4	Hexachlorophene	U	190	1.0	330	380	190
56-38-2	Parathion	U	190	1.0	330	380	190
88-85-7	Dinoseb	U	190	1.0	330	380	190
367-12-4	2-Fluorophenol		109%				
13127-88-3	Phenol-D6		101%				
4165-60-0	Nitrobenzene-D5		93%				
321-60-8	2-Fluorobiphenyl		J109%				
118-79-6	2,4,6-Tribromophenol		J102%				
1718-51-0	Terphenyl-D14		J155%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	390	200
110-86-1	Pyridine	U	48	1.0	1600	1900	48
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	780	100
62-53-3	Aniline	U	110	1.0	330	390	110
108-95-2	Phenol	U	82	1.0	330	390	82
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	390	40
95-57-8	2-Chlorophenol	U	150	1.0	330	390	150
100-51-6	Benzyl alcohol	U	51	1.0	660	780	51
108-60-1	Bis(2-Chloroisopropyl)ether	U	41	1.0	330	390	41
95-48-7	2-Methylphenol	U	96	1.0	330	390	96
67-72-1	Hexachloroethane	U	33	1.0	330	390	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	390	36
106-44-5	3&4-Methylphenol	U	200	1.0	330	390	200
98-95-3	Nitrobenzene	U	41	1.0	330	390	41
78-59-1	Isophorone	U	31	1.0	330	390	31
88-75-5	2-Nitrophenol	U	100	1.0	330	390	100
105-67-9	2,4-Dimethyphenol	U	93	1.0	330	390	93
111-91-1	Bis(2-Chloroethoxy)methane	U	32	1.0	330	390	32
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	390	100
91-20-3	Naphthalene	U	44	1.0	330	390	44
106-47-8	4-Chloroaniline	U	28	1.0	330	390	28
87-68-3	Hexachlorobutadiene	U	68	1.0	330	390	68
59-50-7	4-Chloro-3-Methylphenol	U	84	1.0	330	390	84
91-57-6	2-Methylnaphthalene	U	180	1.0	330	390	180
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	390	30
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	390	110
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	970	100
91-58-7	2-Chloronaphthalene	U	37	1.0	330	390	37
88-74-4	2-Nitroaniline	U	79	1.0	820	970	79
208-96-8	Acenaphthylene	U	32	1.0	330	390	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	390	35
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	390	58
83-32-9	Acenaphthene	U	42	1.0	330	390	42
99-09-2	3-Nitroaniline	U	74	1.0	820	970	74
51-28-5	2,4-Dinitrophenol	U	490	1.0	820	970	490
132-64-9	Dibenzofuran	U	52	1.0	330	390	52
100-02-7	4-Nitrophenol	U	160	1.0	820	970	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	390	48
86-73-7	Fluorene	U	32	1.0	330	390	32
84-66-2	Diethylphthalate	U	39	1.0	330	390	39
7005-72-3	4-Chlorophenyl-phenylether	U	47	1.0	330	390	47
100-01-6	4-Nitroaniline	U	110	1.0	820	970	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	78	1.0	820	970	78

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	76	1.0	330	390	76
101-55-3	4-Bromophenyl-phenylether	U	50	1.0	330	390	50
118-74-1	Hexachlorobenzene	U	100	1.0	330	390	100
87-86-5	Pentachlorophenol	U	170	1.0	820	970	170
85-01-8	Phenanthrene	U	34	1.0	330	390	34
120-12-7	Anthracene	U	35	1.0	330	390	35
84-74-2	Di-n-butylphthalate	U	49	1.0	330	390	49
206-44-0	Fluoranthene	U	36	1.0	330	390	36
129-00-0	Pyrene	U	38	1.0	330	390	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	390	110
56-55-3	Benzo(a)anthracene	U	30	1.0	330	390	30
218-01-9	Chrysene	U	46	1.0	330	390	46
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	390	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	390	170
117-84-0	Di-n-octylphthalate	U	230	1.0	330	390	230
205-99-2	Benzo(b)fluoranthene	U	49	1.0	330	390	49
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	37	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	57	1.0	330	390	57
53-70-3	Dibenzo(a,h)anthracene	U	48	1.0	330	390	48
191-24-2	Benzo(g,h,i)perylene	U	46	1.0	330	390	46
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	390	200
66-27-3	Methyl Methanesulfonate	U	390	1.0	660	780	390
55-18-5	N-Nitrosodiethylamine	U	390	1.0	660	780	390
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	390	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	390	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	390	200
95-53-4	o-Toluidine	U	200	1.0	330	390	200
98-86-2	Acetophenone	U	30	1.0	330	390	30
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	390	200
126-68-1	O,O,O-Triethylphosphorothioat	U	390	1.0	660	780	390
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	390	200
1888-71-7	Hexachloropropene	U	200	1.0	330	390	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	390	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	390	200
120-58-1	Isosafrole	U	390	1.0	660	780	390
106-50-3	p-Phenylenediamine	U	200	1.0	330	390	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	390	200
94-59-7	Safrole	U	200	1.0	330	390	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	390	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	390	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	390	200
91-59-8	2-Naphthylamine	U	200	1.0	330	390	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	390	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	390	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	390	1.0	660	780	390
99-55-8	5-Nitro-O-Toluidine	U	390	1.0	660	780	390
3689-24-5	Sulfotepp	U	200	1.0	330	390	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	390	200
2303-16-4	Diallate	U	390	1.0	660	780	390
62-44-2	Phenacetin	U	200	1.0	330	390	200
60-51-5	Dimethoate	U	200	1.0	330	390	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	390	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	390	200
23950-58-5	Pronamide	U	200	1.0	330	390	200
56-57-5	4-Nitroquinoline-1-Oxide	U	390	1.0	660	780	390
91-80-5	Methapyrilene	U	200	1.0	330	390	200
465-73-6	Isodrin	U	390	1.0	660	780	390
140-57-8	Aramite	U	390	1.0	660	780	390
60-11-7	p-Dimethylaminoazobenzene	U	390	1.0	660	780	390
510-15-6	Chlorobenzilate	U	390	1.0	660	780	390
143-50-0	Kepone	U	200	1.0	330	390	200
119-93-7	3,3'-Dimethylbenzidine	U	390	1.0	660	780	390
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	390	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	390	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	390	200
70-30-4	Hexachlorophene	U	200	1.0	330	390	200
56-38-2	Parathion	U	200	1.0	330	390	200
88-85-7	Dinoseb	U	200	1.0	330	390	200
367-12-4	2-Fluorophenol		102%				
13127-88-3	Phenol-D6		96%				
4165-60-0	Nitrobenzene-D5		94%				
321-60-8	2-Fluorobiphenyl		107%				
118-79-6	2,4,6-Tribromophenol		J104%				
1718-51-0	Terphenyl-D14		J119%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	410	200
110-86-1	Pyridine	U	50	1.0	1600	2000	50
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	820	100
62-53-3	Aniline	U	110	1.0	330	410	110
108-95-2	Phenol	U	85	1.0	330	410	85
111-44-4	Bis(2-Chloroethyl)ether	U	42	1.0	330	410	42
95-57-8	2-Chlorophenol	U	160	1.0	330	410	160
100-51-6	Benzyl alcohol	U	53	1.0	660	820	53
108-60-1	Bis(2-Chloroisopropyl)ether	U	43	1.0	330	410	43
95-48-7	2-Methylphenol	U	100	1.0	330	410	100
67-72-1	Hexachloroethane	U	34	1.0	330	410	34
621-64-7	N-Nitroso-di-n-propylamine	U	38	1.0	330	410	38
106-44-5	3&4-Methylphenol	U	200	1.0	330	410	200
98-95-3	Nitrobenzene	U	43	1.0	330	410	43
78-59-1	Isophorone	U	33	1.0	330	410	33
88-75-5	2-Nitrophenol	U	110	1.0	330	410	110
105-67-9	2,4-Dimethyphenol	U	97	1.0	330	410	97
111-91-1	Bis(2-Chloroethoxy)methane	U	33	1.0	330	410	33
120-83-2	2,4-Dichlorophenol	U	110	1.0	330	410	110
91-20-3	Naphthalene	U	46	1.0	330	410	46
106-47-8	4-Chloroaniline	U	30	1.0	330	410	30
87-68-3	Hexachlorobutadiene	U	71	1.0	330	410	71
59-50-7	4-Chloro-3-Methylphenol	U	88	1.0	330	410	88
91-57-6	2-Methylnaphthalene	U	180	1.0	330	410	180
77-47-4	Hexachlorocyclopentadiene	U	32	1.0	330	410	32
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	410	110
95-95-4	2,4,5-Trichlorophenol	U	110	1.0	820	1000	110
91-58-7	2-Chloronaphthalene	U	38	1.0	330	410	38
88-74-4	2-Nitroaniline	U	82	1.0	820	1000	82
208-96-8	Acenaphthylene	U	33	1.0	330	410	33
131-11-3	Dimethyl Phthalate	U	36	1.0	330	410	36
606-20-2	2,6-Dinitrotoluene	U	61	1.0	330	410	61
83-32-9	Acenaphthene	U	44	1.0	330	410	44
99-09-2	3-Nitroaniline	U	78	1.0	820	1000	78
51-28-5	2,4-Dinitrophenol	U	510	1.0	820	1000	510
132-64-9	Dibenzofuran	U	54	1.0	330	410	54
100-02-7	4-Nitrophenol	U	170	1.0	820	1000	170
121-14-2	2,4-Dinitrotoluene	U	50	1.0	330	410	50
86-73-7	Fluorene	U	34	1.0	330	410	34
84-66-2	Diethylphthalate	U	41	1.0	330	410	41
7005-72-3	4-Chlorophenyl-phenylether	U	49	1.0	330	410	49
100-01-6	4-Nitroaniline	U	120	1.0	820	1000	120
534-52-1	4,6-Dinitro-2-Methylphenol	U	82	1.0	820	1000	82

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	80	1.0	330	410	80
101-55-3	4-Bromophenyl-phenylether	U	52	1.0	330	410	52
118-74-1	Hexachlorobenzene	U	110	1.0	330	410	110
87-86-5	Pentachlorophenol	U	180	1.0	820	1000	180
85-01-8	Phenanthrene	U	36	1.0	330	410	36
120-12-7	Anthracene	U	37	1.0	330	410	37
84-74-2	Di-n-butylphthalate	U	51	1.0	330	410	51
206-44-0	Fluoranthene	I	280	1.0	330	410	38
129-00-0	Pyrene	U	40	1.0	330	410	40
85-68-7	Butylbenzylphthalate	U	110	1.0	330	410	110
56-55-3	Benzo(a)anthracene	J	37	1.0	330	410	31
218-01-9	Chrysene	I	50	1.0	330	410	48
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	410	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	180	1.0	330	410	180
117-84-0	Di-n-octylphthalate	U	240	1.0	330	410	240
205-99-2	Benzo(b)fluoranthene	I	270	1.0	330	410	51
207-08-9	Benzo(k)fluoranthene	I	66	1.0	330	410	42
50-32-8	Benzo(a)pyrene	I	240	1.0	330	410	39
193-39-5	Indeno(1,2,3-cd)pyrene	I	78	1.0	330	410	60
53-70-3	Dibenzo(a,h)anthracene	U	50	1.0	330	410	50
191-24-2	Benzo(g,h,i)perylene	I	78	1.0	330	410	48
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	410	200
66-27-3	Methyl Methanesulfonate	U	410	1.0	660	820	410
55-18-5	N-Nitrosodiethylamine	U	410	1.0	660	820	410
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	410	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	410	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	410	200
95-53-4	o-Toluidine	U	200	1.0	330	410	200
98-86-2	Acetophenone	U	32	1.0	330	410	32
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	410	200
126-68-1	O,O,O-Triethylphosphorothioat	U	410	1.0	660	820	410
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	410	200
1888-71-7	Hexachloropropene	U	200	1.0	330	410	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	410	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	410	200
120-58-1	Isosafrole	U	410	1.0	660	820	410
106-50-3	p-Phenylenediamine	U	200	1.0	330	410	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	410	200
94-59-7	Safrole	U	200	1.0	330	410	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	410	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	410	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	410	200
91-59-8	2-Naphthylamine	U	200	1.0	330	410	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/28/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	410	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	410	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	410	1.0	660	820	410
99-55-8	5-Nitro-O-Toluidine	U	410	1.0	660	820	410
3689-24-5	Sulfotepp	U	200	1.0	330	410	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	410	200
2303-16-4	Diallate	U	410	1.0	660	820	410
62-44-2	Phenacetin	U	200	1.0	330	410	200
60-51-5	Dimethoate	U	200	1.0	330	410	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	410	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	410	200
23950-58-5	Pronamide	U	200	1.0	330	410	200
56-57-5	4-Nitroquinoline-1-Oxide	U	410	1.0	660	820	410
91-80-5	Methapyrilene	U	200	1.0	330	410	200
465-73-6	Isodrin	U	410	1.0	660	820	410
140-57-8	Aramite	U	410	1.0	660	820	410
60-11-7	p-Dimethylaminoazobenzene	U	410	1.0	660	820	410
510-15-6	Chlorobenzilate	U	410	1.0	660	820	410
143-50-0	Kepone	U	200	1.0	330	410	200
119-93-7	3,3'-Dimethylbenzidine	U	410	1.0	660	820	410
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	410	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	410	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	410	200
70-30-4	Hexachlorophene	U	200	1.0	330	410	200
56-38-2	Parathion	U	200	1.0	330	410	200
88-85-7	Dinoseb	U	200	1.0	330	410	200
367-12-4	2-Fluorophenol		107%				
13127-88-3	Phenol-D6		106%				
4165-60-0	Nitrobenzene-D5		89%				
321-60-8	2-Fluorobiphenyl		J118%				
118-79-6	2,4,6-Tribromophenol		J113%				
1718-51-0	Terphenyl-D14		J134%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	210	1.0	330	410	210
110-86-1	Pyridine	U	51	1.0	1600	2000	51
62-75-9	N-Nitrosodimethylamine	U	110	1.0	660	830	110
62-53-3	Aniline	U	110	1.0	330	410	110
108-95-2	Phenol	U	86	1.0	330	410	86
111-44-4	Bis(2-Chloroethyl)ether	U	42	1.0	330	410	42
95-57-8	2-Chlorophenol	U	160	1.0	330	410	160
100-51-6	Benzyl alcohol	U	54	1.0	660	830	54
108-60-1	Bis(2-Chloroisopropyl)ether	U	43	1.0	330	410	43
95-48-7	2-Methylphenol	U	100	1.0	330	410	100
67-72-1	Hexachloroethane	U	35	1.0	330	410	35
621-64-7	N-Nitroso-di-n-propylamine	U	38	1.0	330	410	38
106-44-5	3&4-Methylphenol	U	210	1.0	330	410	210
98-95-3	Nitrobenzene	U	43	1.0	330	410	43
78-59-1	Isophorone	U	33	1.0	330	410	33
88-75-5	2-Nitrophenol	U	110	1.0	330	410	110
105-67-9	2,4-Dimethyphenol	U	98	1.0	330	410	98
111-91-1	Bis(2-Chloroethoxy)methane	U	33	1.0	330	410	33
120-83-2	2,4-Dichlorophenol	U	110	1.0	330	410	110
91-20-3	Naphthalene	U	47	1.0	330	410	47
106-47-8	4-Chloroaniline	U	30	1.0	330	410	30
87-68-3	Hexachlorobutadiene	U	71	1.0	330	410	71
59-50-7	4-Chloro-3-Methylphenol	U	88	1.0	330	410	88
91-57-6	2-Methylnaphthalene	U	190	1.0	330	410	190
77-47-4	Hexachlorocyclopentadiene	U	32	1.0	330	410	32
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	410	110
95-95-4	2,4,5-Trichlorophenol	U	110	1.0	820	1000	110
91-58-7	2-Chloronaphthalene	U	39	1.0	330	410	39
88-74-4	2-Nitroaniline	U	83	1.0	820	1000	83
208-96-8	Acenaphthylene	U	34	1.0	330	410	34
131-11-3	Dimethyl Phthalate	U	37	1.0	330	410	37
606-20-2	2,6-Dinitrotoluene	U	62	1.0	330	410	62
83-32-9	Acenaphthene	U	45	1.0	330	410	45
99-09-2	3-Nitroaniline	U	78	1.0	820	1000	78
51-28-5	2,4-Dinitrophenol	U	510	1.0	820	1000	510
132-64-9	Dibenzofuran	U	55	1.0	330	410	55
100-02-7	4-Nitrophenol	U	170	1.0	820	1000	170
121-14-2	2,4-Dinitrotoluene	U	51	1.0	330	410	51
86-73-7	Fluorene	U	34	1.0	330	410	34
84-66-2	Diethylphthalate	U	42	1.0	330	410	42
7005-72-3	4-Chlorophenyl-phenylether	U	50	1.0	330	410	50
100-01-6	4-Nitroaniline	U	120	1.0	820	1000	120
534-52-1	4,6-Dinitro-2-Methylphenol	U	83	1.0	820	1000	83

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	80	1.0	330	410	80
101-55-3	4-Bromophenyl-phenylether	U	52	1.0	330	410	52
118-74-1	Hexachlorobenzene	U	110	1.0	330	410	110
87-86-5	Pentachlorophenol	U	180	1.0	820	1000	180
85-01-8	Phenanthrene	U	36	1.0	330	410	36
120-12-7	Anthracene	U	37	1.0	330	410	37
84-74-2	Di-n-butylphthalate	U	51	1.0	330	410	51
206-44-0	Fluoranthene	U	38	1.0	330	410	38
129-00-0	Pyrene	U	40	1.0	330	410	40
85-68-7	Butylbenzylphthalate	U	120	1.0	330	410	120
56-55-3	Benzo(a)anthracene	U	31	1.0	330	410	31
218-01-9	Chrysene	U	48	1.0	330	410	48
91-94-1	3,3'-Dichlorobenzidine	U	210	1.0	330	410	210
117-81-7	bis(2-Ethylhexyl)phthalate	U	180	1.0	330	410	180
117-84-0	Di-n-octylphthalate	U	240	1.0	330	410	240
205-99-2	Benzo(b)fluoranthene	U	52	1.0	330	410	52
207-08-9	Benzo(k)fluoranthene	U	42	1.0	330	410	42
50-32-8	Benzo(a)pyrene	U	39	1.0	330	410	39
193-39-5	Indeno(1,2,3-cd)pyrene	U	61	1.0	330	410	61
53-70-3	Dibenzo(a,h)anthracene	U	50	1.0	330	410	50
191-24-2	Benzo(g,h,i)perylene	U	48	1.0	330	410	48
10595-95-6	N-Nitrosomethylethylamine	U	210	1.0	330	410	210
66-27-3	Methyl Methanesulfonate	U	410	1.0	660	830	410
55-18-5	N-Nitrosodiethylamine	U	410	1.0	660	830	410
62-50-0	Ethyl Methanesulfonate	U	210	1.0	330	410	210
930-55-2	N-Nitrosopyrrolidine	U	210	1.0	330	410	210
59-89-2	N-Nitrosomorpholine	U	210	1.0	330	410	210
95-53-4	o-Toluidine	U	210	1.0	330	410	210
98-86-2	Acetophenone	U	32	1.0	330	410	32
100-75-4	N-Nitrosopiperidine	U	210	1.0	330	410	210
126-68-1	O,O,O-Triethylphosphorothioat	U	410	1.0	660	830	410
87-65-0	2,6-Dichlorophenol	U	210	1.0	330	410	210
1888-71-7	Hexachloropropene	U	210	1.0	330	410	210
122-09-8	A,A-Dimethylphenethylamine	U	210	1.0	330	410	210
924-16-3	N-Nitroso-Di-N-Butylamine	U	210	1.0	330	410	210
120-58-1	Isosafrole	U	410	1.0	660	830	410
106-50-3	p-Phenylenediamine	U	210	1.0	330	410	210
95-94-3	1,2,4,5-Tetrachlorobenzene	U	210	1.0	330	410	210
94-59-7	Safrole	U	210	1.0	330	410	210
130-15-4	1,4-Naphthoquinone	U	210	1.0	330	410	210
99-65-0	1,3-Dinitrobenzene	U	210	1.0	330	410	210
608-93-5	Pentachlorobenzene	U	210	1.0	330	410	210
91-59-8	2-Naphthylamine	U	210	1.0	330	410	210

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	210	1.0	330	410	210
58-90-2	2,3,4,6-Tetrachlorophenol	U	210	1.0	330	410	210
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	410	1.0	660	830	410
99-55-8	5-Nitro-O-Toluidine	U	410	1.0	660	830	410
3689-24-5	Sulfotepp	U	210	1.0	330	410	210
99-35-4	1,3,5-Trinitrobenzene	U	210	1.0	330	410	210
2303-16-4	Diallate	U	410	1.0	660	830	410
62-44-2	Phenacetin	U	210	1.0	330	410	210
60-51-5	Dimethoate	U	210	1.0	330	410	210
92-67-1	4-Aminobiphenyl	U	210	1.0	330	410	210
82-68-8	Pentachloronitrobenzene	U	210	1.0	330	410	210
23950-58-5	Pronamide	U	210	1.0	330	410	210
56-57-5	4-Nitroquinoline-1-Oxide	U	410	1.0	660	830	410
91-80-5	Methapyrilene	U	210	1.0	330	410	210
465-73-6	Isodrin	U	410	1.0	660	830	410
140-57-8	Aramite	U	410	1.0	660	830	410
60-11-7	p-Dimethylaminoazobenzene	U	410	1.0	660	830	410
510-15-6	Chlorobenzilate	U	410	1.0	660	830	410
143-50-0	Kepone	U	210	1.0	330	410	210
119-93-7	3,3'-Dimethylbenzidine	U	410	1.0	660	830	410
53-96-3	2-Acetylaminofluorene	U	210	1.0	330	410	210
56-49-5	3-Methylcholanthrene	U	210	1.0	330	410	210
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	210	1.0	330	410	210
70-30-4	Hexachlorophene	U	210	1.0	330	410	210
56-38-2	Parathion	U	210	1.0	330	410	210
88-85-7	Dinoseb	U	210	1.0	330	410	210
367-12-4	2-Fluorophenol		96%				
13127-88-3	Phenol-D6		88%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		87%				
118-79-6	2,4,6-Tribromophenol		91%				
1718-51-0	Terphenyl-D14		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	400	200
110-86-1	Pyridine	U	49	1.0	1600	1900	49
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	800	100
62-53-3	Aniline	U	110	1.0	330	400	110
108-95-2	Phenol	U	84	1.0	330	400	84
111-44-4	Bis(2-Chloroethyl)ether	U	41	1.0	330	400	41
95-57-8	2-Chlorophenol	U	160	1.0	330	400	160
100-51-6	Benzyl alcohol	U	52	1.0	660	800	52
108-60-1	Bis(2-Chloroisopropyl)ether	U	42	1.0	330	400	42
95-48-7	2-Methylphenol	U	99	1.0	330	400	99
67-72-1	Hexachloroethane	U	34	1.0	330	400	34
621-64-7	N-Nitroso-di-n-propylamine	U	37	1.0	330	400	37
106-44-5	3&4-Methylphenol	U	200	1.0	330	400	200
98-95-3	Nitrobenzene	U	42	1.0	330	400	42
78-59-1	Isophorone	U	32	1.0	330	400	32
88-75-5	2-Nitrophenol	U	110	1.0	330	400	110
105-67-9	2,4-Dimethyphenol	U	95	1.0	330	400	95
111-91-1	Bis(2-Chloroethoxy)methane	U	32	1.0	330	400	32
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	400	100
91-20-3	Naphthalene	U	46	1.0	330	400	46
106-47-8	4-Chloroaniline	U	29	1.0	330	400	29
87-68-3	Hexachlorobutadiene	U	69	1.0	330	400	69
59-50-7	4-Chloro-3-Methylphenol	U	86	1.0	330	400	86
91-57-6	2-Methylnaphthalene	U	180	1.0	330	400	180
77-47-4	Hexachlorocyclopentadiene	U	31	1.0	330	400	31
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	400	110
95-95-4	2,4,5-Trichlorophenol	U	110	1.0	820	1000	110
91-58-7	2-Chloronaphthalene	U	38	1.0	330	400	38
88-74-4	2-Nitroaniline	U	81	1.0	820	1000	81
208-96-8	Acenaphthylene	U	33	1.0	330	400	33
131-11-3	Dimethyl Phthalate	U	36	1.0	330	400	36
606-20-2	2,6-Dinitrotoluene	U	60	1.0	330	400	60
83-32-9	Acenaphthene	U	43	1.0	330	400	43
99-09-2	3-Nitroaniline	U	76	1.0	820	1000	76
51-28-5	2,4-Dinitrophenol	U	500	1.0	820	1000	500
132-64-9	Dibenzofuran	U	53	1.0	330	400	53
100-02-7	4-Nitrophenol	U	160	1.0	820	1000	160
121-14-2	2,4-Dinitrotoluene	U	49	1.0	330	400	49
86-73-7	Fluorene	U	33	1.0	330	400	33
84-66-2	Diethylphthalate	U	40	1.0	330	400	40
7005-72-3	4-Chlorophenyl-phenylether	U	48	1.0	330	400	48
100-01-6	4-Nitroaniline	U	110	1.0	820	1000	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	80	1.0	820	1000	80

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	78	1.0	330	400	78
101-55-3	4-Bromophenyl-phenylether	U	51	1.0	330	400	51
118-74-1	Hexachlorobenzene	U	110	1.0	330	400	110
87-86-5	Pentachlorophenol	U	180	1.0	820	1000	180
85-01-8	Phenanthrene	U	35	1.0	330	400	35
120-12-7	Anthracene	U	36	1.0	330	400	36
84-74-2	Di-n-butylphthalate	U	50	1.0	330	400	50
206-44-0	Fluoranthene	U	37	1.0	330	400	37
129-00-0	Pyrene	U	39	1.0	330	400	39
85-68-7	Butylbenzylphthalate	U	110	1.0	330	400	110
56-55-3	Benzo(a)anthracene	U	30	1.0	330	400	30
218-01-9	Chrysene	U	47	1.0	330	400	47
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	400	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	180	1.0	330	400	180
117-84-0	Di-n-octylphthalate	U	230	1.0	330	400	230
205-99-2	Benzo(b)fluoranthene	U	50	1.0	330	400	50
207-08-9	Benzo(k)fluoranthene	U	41	1.0	330	400	41
50-32-8	Benzo(a)pyrene	U	38	1.0	330	400	38
193-39-5	Indeno(1,2,3-cd)pyrene	U	59	1.0	330	400	59
53-70-3	Dibenzo(a,h)anthracene	U	49	1.0	330	400	49
191-24-2	Benzo(g,h,i)perylene	U	47	1.0	330	400	47
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	400	200
66-27-3	Methyl Methanesulfonate	U	400	1.0	660	800	400
55-18-5	N-Nitrosodiethylamine	U	400	1.0	660	800	400
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	400	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	400	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	400	200
95-53-4	o-Toluidine	U	200	1.0	330	400	200
98-86-2	Acetophenone	U	31	1.0	330	400	31
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	400	200
126-68-1	O,O,O-Triethylphosphorothioat	U	400	1.0	660	800	400
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	400	200
1888-71-7	Hexachloropropene	U	200	1.0	330	400	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	400	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	400	200
120-58-1	Isosafrole	U	400	1.0	660	800	400
106-50-3	p-Phenylenediamine	U	200	1.0	330	400	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	400	200
94-59-7	Safrole	U	200	1.0	330	400	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	400	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	400	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	400	200
91-59-8	2-Naphthylamine	U	200	1.0	330	400	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	400	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	400	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	400	1.0	660	800	400
99-55-8	5-Nitro-O-Toluidine	U	400	1.0	660	800	400
3689-24-5	Sulfotepp	U	200	1.0	330	400	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	400	200
2303-16-4	Diallate	U	400	1.0	660	800	400
62-44-2	Phenacetin	U	200	1.0	330	400	200
60-51-5	Dimethoate	U	200	1.0	330	400	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	400	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	400	200
23950-58-5	Pronamide	U	200	1.0	330	400	200
56-57-5	4-Nitroquinoline-1-Oxide	U	400	1.0	660	800	400
91-80-5	Methapyrilene	U	200	1.0	330	400	200
465-73-6	Isodrin	U	400	1.0	660	800	400
140-57-8	Aramite	U	400	1.0	660	800	400
60-11-7	p-Dimethylaminoazobenzene	U	400	1.0	660	800	400
510-15-6	Chlorobenzilate	U	400	1.0	660	800	400
143-50-0	Kepone	U	200	1.0	330	400	200
119-93-7	3,3'-Dimethylbenzidine	U	400	1.0	660	800	400
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	400	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	400	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	400	200
70-30-4	Hexachlorophene	U	200	1.0	330	400	200
56-38-2	Parathion	U	200	1.0	330	400	200
88-85-7	Dinoseb	U	200	1.0	330	400	200
367-12-4	2-Fluorophenol		100%				
13127-88-3	Phenol-D6		95%				
4165-60-0	Nitrobenzene-D5		85%				
321-60-8	2-Fluorobiphenyl		95%				
118-79-6	2,4,6-Tribromophenol		94%				
1718-51-0	Terphenyl-D14		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	400	200
110-86-1	Pyridine	U	49	1.0	1600	1900	49
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	790	100
62-53-3	Aniline	U	110	1.0	330	400	110
108-95-2	Phenol	U	83	1.0	330	400	83
111-44-4	Bis(2-Chloroethyl)ether	U	41	1.0	330	400	41
95-57-8	2-Chlorophenol	U	150	1.0	330	400	150
100-51-6	Benzyl alcohol	U	52	1.0	660	790	52
108-60-1	Bis(2-Chloroisopropyl)ether	U	41	1.0	330	400	41
95-48-7	2-Methylphenol	U	98	1.0	330	400	98
67-72-1	Hexachloroethane	U	33	1.0	330	400	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	400	36
106-44-5	3&4-Methylphenol	U	200	1.0	330	400	200
98-95-3	Nitrobenzene	U	42	1.0	330	400	42
78-59-1	Isophorone	U	32	1.0	330	400	32
88-75-5	2-Nitrophenol	U	100	1.0	330	400	100
105-67-9	2,4-Dimethyphenol	U	94	1.0	330	400	94
111-91-1	Bis(2-Chloroethoxy)methane	U	32	1.0	330	400	32
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	400	100
91-20-3	Naphthalene	U	45	1.0	330	400	45
106-47-8	4-Chloroaniline	U	29	1.0	330	400	29
87-68-3	Hexachlorobutadiene	U	68	1.0	330	400	68
59-50-7	4-Chloro-3-Methylphenol	U	85	1.0	330	400	85
91-57-6	2-Methylnaphthalene	U	180	1.0	330	400	180
77-47-4	Hexachlorocyclopentadiene	U	31	1.0	330	400	31
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	400	110
95-95-4	2,4,5-Trichlorophenol	U	110	1.0	820	980	110
91-58-7	2-Chloronaphthalene	U	37	1.0	330	400	37
88-74-4	2-Nitroaniline	U	80	1.0	820	980	80
208-96-8	Acenaphthylene	U	32	1.0	330	400	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	400	35
606-20-2	2,6-Dinitrotoluene	U	59	1.0	330	400	59
83-32-9	Acenaphthene	U	43	1.0	330	400	43
99-09-2	3-Nitroaniline	U	75	1.0	820	980	75
51-28-5	2,4-Dinitrophenol	U	490	1.0	820	980	490
132-64-9	Dibenzofuran	U	52	1.0	330	400	52
100-02-7	4-Nitrophenol	U	160	1.0	820	980	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	400	48
86-73-7	Fluorene	U	33	1.0	330	400	33
84-66-2	Diethylphthalate	U	40	1.0	330	400	40
7005-72-3	4-Chlorophenyl-phenylether	U	47	1.0	330	400	47
100-01-6	4-Nitroaniline	U	110	1.0	820	980	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	79	1.0	820	980	79

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	77	1.0	330	400	77
101-55-3	4-Bromophenyl-phenylether	U	50	1.0	330	400	50
118-74-1	Hexachlorobenzene	U	110	1.0	330	400	110
87-86-5	Pentachlorophenol	U	170	1.0	820	980	170
85-01-8	Phenanthrene	U	34	1.0	330	400	34
120-12-7	Anthracene	U	36	1.0	330	400	36
84-74-2	Di-n-butylphthalate	U	49	1.0	330	400	49
206-44-0	Fluoranthene	U	37	1.0	330	400	37
129-00-0	Pyrene	U	39	1.0	330	400	39
85-68-7	Butylbenzylphthalate	U	110	1.0	330	400	110
56-55-3	Benzo(a)anthracene	U	30	1.0	330	400	30
218-01-9	Chrysene	U	46	1.0	330	400	46
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	400	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	400	170
117-84-0	Di-n-octylphthalate	U	230	1.0	330	400	230
205-99-2	Benzo(b)fluoranthene	U	49	1.0	330	400	49
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	400	40
50-32-8	Benzo(a)pyrene	U	38	1.0	330	400	38
193-39-5	Indeno(1,2,3-cd)pyrene	U	58	1.0	330	400	58
53-70-3	Dibenzo(a,h)anthracene	U	48	1.0	330	400	48
191-24-2	Benzo(g,h,i)perylene	U	46	1.0	330	400	46
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	400	200
66-27-3	Methyl Methanesulfonate	U	400	1.0	660	790	400
55-18-5	N-Nitrosodiethylamine	U	400	1.0	660	790	400
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	400	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	400	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	400	200
95-53-4	o-Toluidine	U	200	1.0	330	400	200
98-86-2	Acetophenone	U	31	1.0	330	400	31
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	400	200
126-68-1	O,O,O-Triethylphosphorothioat	U	400	1.0	660	790	400
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	400	200
1888-71-7	Hexachloropropene	U	200	1.0	330	400	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	400	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	400	200
120-58-1	Isosafrole	U	400	1.0	660	790	400
106-50-3	p-Phenylenediamine	U	200	1.0	330	400	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	400	200
94-59-7	Safrole	U	200	1.0	330	400	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	400	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	400	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	400	200
91-59-8	2-Naphthylamine	U	200	1.0	330	400	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	400	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	400	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	400	1.0	660	790	400
99-55-8	5-Nitro-O-Toluidine	U	400	1.0	660	790	400
3689-24-5	Sulfotepp	U	200	1.0	330	400	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	400	200
2303-16-4	Diallate	U	400	1.0	660	790	400
62-44-2	Phenacetin	U	200	1.0	330	400	200
60-51-5	Dimethoate	U	200	1.0	330	400	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	400	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	400	200
23950-58-5	Pronamide	U	200	1.0	330	400	200
56-57-5	4-Nitroquinoline-1-Oxide	U	400	1.0	660	790	400
91-80-5	Methapyrilene	U	200	1.0	330	400	200
465-73-6	Isodrin	U	400	1.0	660	790	400
140-57-8	Aramite	U	400	1.0	660	790	400
60-11-7	p-Dimethylaminoazobenzene	U	400	1.0	660	790	400
510-15-6	Chlorobenzilate	U	400	1.0	660	790	400
143-50-0	Kepone	U	200	1.0	330	400	200
119-93-7	3,3'-Dimethylbenzidine	U	400	1.0	660	790	400
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	400	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	400	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	400	200
70-30-4	Hexachlorophene	U	200	1.0	330	400	200
56-38-2	Parathion	U	200	1.0	330	400	200
88-85-7	Dinoseb	U	200	1.0	330	400	200
367-12-4	2-Fluorophenol		90%				
13127-88-3	Phenol-D6		83%				
4165-60-0	Nitrobenzene-D5		81%				
321-60-8	2-Fluorobiphenyl		94%				
118-79-6	2,4,6-Tribromophenol		85%				
1718-51-0	Terphenyl-D14		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	380	190
110-86-1	Pyridine	U	47	1.0	1600	1900	47
62-75-9	N-Nitrosodimethylamine	U	99	1.0	660	770	99
62-53-3	Aniline	U	110	1.0	330	380	110
108-95-2	Phenol	U	80	1.0	330	380	80
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	380	40
95-57-8	2-Chlorophenol	U	150	1.0	330	380	150
100-51-6	Benzyl alcohol	U	50	1.0	660	770	50
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	380	40
95-48-7	2-Methylphenol	U	95	1.0	330	380	95
67-72-1	Hexachloroethane	U	32	1.0	330	380	32
621-64-7	N-Nitroso-di-n-propylamine	U	35	1.0	330	380	35
106-44-5	3&4-Methylphenol	U	190	1.0	330	380	190
98-95-3	Nitrobenzene	U	40	1.0	330	380	40
78-59-1	Isophorone	U	31	1.0	330	380	31
88-75-5	2-Nitrophenol	U	100	1.0	330	380	100
105-67-9	2,4-Dimethyphenol	U	91	1.0	330	380	91
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	380	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	380	100
91-20-3	Naphthalene	U	44	1.0	330	380	44
106-47-8	4-Chloroaniline	U	28	1.0	330	380	28
87-68-3	Hexachlorobutadiene	U	66	1.0	330	380	66
59-50-7	4-Chloro-3-Methylphenol	U	82	1.0	330	380	82
91-57-6	2-Methylnaphthalene	U	170	1.0	330	380	170
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	380	30
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	380	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	960	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	380	36
88-74-4	2-Nitroaniline	U	77	1.0	820	960	77
208-96-8	Acenaphthylene	U	31	1.0	330	380	31
131-11-3	Dimethyl Phthalate	U	34	1.0	330	380	34
606-20-2	2,6-Dinitrotoluene	U	57	1.0	330	380	57
83-32-9	Acenaphthene	U	41	1.0	330	380	41
99-09-2	3-Nitroaniline	U	73	1.0	820	960	73
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	960	480
132-64-9	Dibenzofuran	U	51	1.0	330	380	51
100-02-7	4-Nitrophenol	U	160	1.0	820	960	160
121-14-2	2,4-Dinitrotoluene	U	47	1.0	330	380	47
86-73-7	Fluorene	U	32	1.0	330	380	32
84-66-2	Diethylphthalate	U	38	1.0	330	380	38
7005-72-3	4-Chlorophenyl-phenylether	U	46	1.0	330	380	46
100-01-6	4-Nitroaniline	U	110	1.0	820	960	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	77	1.0	820	960	77

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	75	1.0	330	380	75
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	380	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	380	100
87-86-5	Pentachlorophenol	U	170	1.0	820	960	170
85-01-8	Phenanthrene	U	33	1.0	330	380	33
120-12-7	Anthracene	U	34	1.0	330	380	34
84-74-2	Di-n-butylphthalate	U	48	1.0	330	380	48
206-44-0	Fluoranthene	U	36	1.0	330	380	36
129-00-0	Pyrene	U	37	1.0	330	380	37
85-68-7	Butylbenzylphthalate	U	110	1.0	330	380	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	380	29
218-01-9	Chrysene	U	45	1.0	330	380	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	380	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	380	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	380	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	380	48
207-08-9	Benzo(k)fluoranthene	U	39	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	36	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	56	1.0	330	380	56
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	380	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	380	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	380	190
66-27-3	Methyl Methanesulfonate	U	380	1.0	660	770	380
55-18-5	N-Nitrosodiethylamine	U	380	1.0	660	770	380
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	380	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	380	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	380	190
95-53-4	o-Toluidine	U	190	1.0	330	380	190
98-86-2	Acetophenone	U	30	1.0	330	380	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	380	190
126-68-1	O,O,O-Triethylphosphorothioat	U	380	1.0	660	770	380
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	380	190
1888-71-7	Hexachloropropene	U	190	1.0	330	380	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	380	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	380	190
120-58-1	Isosafrole	U	380	1.0	660	770	380
106-50-3	p-Phenylenediamine	U	190	1.0	330	380	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	380	190
94-59-7	Safrole	U	190	1.0	330	380	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	380	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	380	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	380	190
91-59-8	2-Naphthylamine	U	190	1.0	330	380	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	380	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	380	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	380	1.0	660	770	380
99-55-8	5-Nitro-O-Toluidine	U	380	1.0	660	770	380
3689-24-5	Sulfotepp	U	190	1.0	330	380	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	380	190
2303-16-4	Diallate	U	380	1.0	660	770	380
62-44-2	Phenacetin	U	190	1.0	330	380	190
60-51-5	Dimethoate	U	190	1.0	330	380	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	380	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	380	190
23950-58-5	Pronamide	U	190	1.0	330	380	190
56-57-5	4-Nitroquinoline-1-Oxide	U	380	1.0	660	770	380
91-80-5	Methapyrilene	U	190	1.0	330	380	190
465-73-6	Isodrin	U	380	1.0	660	770	380
140-57-8	Aramite	U	380	1.0	660	770	380
60-11-7	p-Dimethylaminoazobenzene	U	380	1.0	660	770	380
510-15-6	Chlorobenzilate	U	380	1.0	660	770	380
143-50-0	Kepone	U	190	1.0	330	380	190
119-93-7	3,3'-Dimethylbenzidine	U	380	1.0	660	770	380
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	380	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	380	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	380	190
70-30-4	Hexachlorophene	U	190	1.0	330	380	190
56-38-2	Parathion	U	190	1.0	330	380	190
88-85-7	Dinoseb	U	190	1.0	330	380	190
367-12-4	2-Fluorophenol		79%				
13127-88-3	Phenol-D6		73%				
4165-60-0	Nitrobenzene-D5		72%				
321-60-8	2-Fluorobiphenyl		85%				
118-79-6	2,4,6-Tribromophenol		89%				
1718-51-0	Terphenyl-D14		J114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	390	200
110-86-1	Pyridine	U	48	1.0	1600	1900	48
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	780	100
62-53-3	Aniline	U	110	1.0	330	390	110
108-95-2	Phenol	U	82	1.0	330	390	82
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	390	40
95-57-8	2-Chlorophenol	U	150	1.0	330	390	150
100-51-6	Benzyl alcohol	U	51	1.0	660	780	51
108-60-1	Bis(2-Chloroisopropyl)ether	U	41	1.0	330	390	41
95-48-7	2-Methylphenol	U	96	1.0	330	390	96
67-72-1	Hexachloroethane	U	33	1.0	330	390	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	390	36
106-44-5	3&4-Methylphenol	U	200	1.0	330	390	200
98-95-3	Nitrobenzene	U	41	1.0	330	390	41
78-59-1	Isophorone	U	31	1.0	330	390	31
88-75-5	2-Nitrophenol	U	100	1.0	330	390	100
105-67-9	2,4-Dimethyphenol	U	93	1.0	330	390	93
111-91-1	Bis(2-Chloroethoxy)methane	U	32	1.0	330	390	32
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	390	100
91-20-3	Naphthalene	U	44	1.0	330	390	44
106-47-8	4-Chloroaniline	U	28	1.0	330	390	28
87-68-3	Hexachlorobutadiene	U	68	1.0	330	390	68
59-50-7	4-Chloro-3-Methylphenol	U	84	1.0	330	390	84
91-57-6	2-Methylnaphthalene	U	180	1.0	330	390	180
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	390	30
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	390	110
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	970	100
91-58-7	2-Chloronaphthalene	U	37	1.0	330	390	37
88-74-4	2-Nitroaniline	U	79	1.0	820	970	79
208-96-8	Acenaphthylene	U	32	1.0	330	390	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	390	35
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	390	58
83-32-9	Acenaphthene	U	42	1.0	330	390	42
99-09-2	3-Nitroaniline	U	74	1.0	820	970	74
51-28-5	2,4-Dinitrophenol	U	490	1.0	820	970	490
132-64-9	Dibenzofuran	U	52	1.0	330	390	52
100-02-7	4-Nitrophenol	U	160	1.0	820	970	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	390	48
86-73-7	Fluorene	U	32	1.0	330	390	32
84-66-2	Diethylphthalate	U	39	1.0	330	390	39
7005-72-3	4-Chlorophenyl-phenylether	U	47	1.0	330	390	47
100-01-6	4-Nitroaniline	U	110	1.0	820	970	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	78	1.0	820	970	78

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	76	1.0	330	390	76
101-55-3	4-Bromophenyl-phenylether	U	50	1.0	330	390	50
118-74-1	Hexachlorobenzene	U	100	1.0	330	390	100
87-86-5	Pentachlorophenol	U	170	1.0	820	970	170
85-01-8	Phenanthrene	U	34	1.0	330	390	34
120-12-7	Anthracene	U	35	1.0	330	390	35
84-74-2	Di-n-butylphthalate	U	49	1.0	330	390	49
206-44-0	Fluoranthene	U	36	1.0	330	390	36
129-00-0	Pyrene	U	38	1.0	330	390	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	390	110
56-55-3	Benzo(a)anthracene	U	30	1.0	330	390	30
218-01-9	Chrysene	U	46	1.0	330	390	46
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	390	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	390	170
117-84-0	Di-n-octylphthalate	U	230	1.0	330	390	230
205-99-2	Benzo(b)fluoranthene	U	49	1.0	330	390	49
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	37	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	58	1.0	330	390	58
53-70-3	Dibenzo(a,h)anthracene	U	48	1.0	330	390	48
191-24-2	Benzo(g,h,i)perylene	U	46	1.0	330	390	46
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	390	200
66-27-3	Methyl Methanesulfonate	U	390	1.0	660	780	390
55-18-5	N-Nitrosodiethylamine	U	390	1.0	660	780	390
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	390	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	390	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	390	200
95-53-4	o-Toluidine	U	200	1.0	330	390	200
98-86-2	Acetophenone	U	30	1.0	330	390	30
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	390	200
126-68-1	O,O,O-Triethylphosphorothioat	U	390	1.0	660	780	390
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	390	200
1888-71-7	Hexachloropropene	U	200	1.0	330	390	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	390	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	390	200
120-58-1	Isosafrole	U	390	1.0	660	780	390
106-50-3	p-Phenylenediamine	U	200	1.0	330	390	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	390	200
94-59-7	Safrole	U	200	1.0	330	390	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	390	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	390	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	390	200
91-59-8	2-Naphthylamine	U	200	1.0	330	390	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	390	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	390	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	390	1.0	660	780	390
99-55-8	5-Nitro-O-Toluidine	U	390	1.0	660	780	390
3689-24-5	Sulfotepp	U	200	1.0	330	390	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	390	200
2303-16-4	Diallate	U	390	1.0	660	780	390
62-44-2	Phenacetin	U	200	1.0	330	390	200
60-51-5	Dimethoate	U	200	1.0	330	390	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	390	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	390	200
23950-58-5	Pronamide	U	200	1.0	330	390	200
56-57-5	4-Nitroquinoline-1-Oxide	U	390	1.0	660	780	390
91-80-5	Methapyrilene	U	200	1.0	330	390	200
465-73-6	Isodrin	U	390	1.0	660	780	390
140-57-8	Aramite	U	390	1.0	660	780	390
60-11-7	p-Dimethylaminoazobenzene	U	390	1.0	660	780	390
510-15-6	Chlorobenzilate	U	390	1.0	660	780	390
143-50-0	Kepone	U	200	1.0	330	390	200
119-93-7	3,3'-Dimethylbenzidine	U	390	1.0	660	780	390
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	390	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	390	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	390	200
70-30-4	Hexachlorophene	U	200	1.0	330	390	200
56-38-2	Parathion	U	200	1.0	330	390	200
88-85-7	Dinoseb	U	200	1.0	330	390	200
367-12-4	2-Fluorophenol		88%				
13127-88-3	Phenol-D6		84%				
4165-60-0	Nitrobenzene-D5		76%				
321-60-8	2-Fluorobiphenyl		92%				
118-79-6	2,4,6-Tribromophenol		85%				
1718-51-0	Terphenyl-D14		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/27/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14RA
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	370	190
110-86-1	Pyridine	U	46	1.0	1600	1800	46
62-75-9	N-Nitrosodimethylamine	U	96	1.0	660	750	96
62-53-3	Aniline	U	100	1.0	330	370	100
108-95-2	Phenol	U	78	1.0	330	370	78
111-44-4	Bis(2-Chloroethyl)ether	U	38	1.0	330	370	38
95-57-8	2-Chlorophenol	U	140	1.0	330	370	140
100-51-6	Benzyl alcohol	U	48	1.0	660	750	48
108-60-1	Bis(2-Chloroisopropyl)ether	U	39	1.0	330	370	39
95-48-7	2-Methylphenol	U	92	1.0	330	370	92
67-72-1	Hexachloroethane	U	32	1.0	330	370	32
621-64-7	N-Nitroso-di-n-propylamine	U	34	1.0	330	370	34
106-44-5	3&4-Methylphenol	U	190	1.0	330	370	190
98-95-3	Nitrobenzene	U	39	1.0	330	370	39
78-59-1	Isophorone	U	30	1.0	330	370	30
88-75-5	2-Nitrophenol	U	99	1.0	330	370	99
105-67-9	2,4-Dimethyphenol	U	89	1.0	330	370	89
111-91-1	Bis(2-Chloroethoxy)methane	U	30	1.0	330	370	30
120-83-2	2,4-Dichlorophenol	U	98	1.0	330	370	98
91-20-3	Naphthalene	U	42	1.0	330	370	42
106-47-8	4-Chloroaniline	U	27	1.0	330	370	27
87-68-3	Hexachlorobutadiene	U	64	1.0	330	370	64
59-50-7	4-Chloro-3-Methylphenol	U	80	1.0	330	370	80
91-57-6	2-Methylnaphthalene	U	170	1.0	330	370	170
77-47-4	Hexachlorocyclopentadiene	U	29	1.0	330	370	29
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	370	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	930	100
91-58-7	2-Chloronaphthalene	U	35	1.0	330	370	35
88-74-4	2-Nitroaniline	U	75	1.0	820	930	75
208-96-8	Acenaphthylene	U	30	1.0	330	370	30
131-11-3	Dimethyl Phthalate	U	33	1.0	330	370	33
606-20-2	2,6-Dinitrotoluene	U	56	1.0	330	370	56
83-32-9	Acenaphthene	U	40	1.0	330	370	40
99-09-2	3-Nitroaniline	U	71	1.0	820	930	71
51-28-5	2,4-Dinitrophenol	U	460	1.0	820	930	460
132-64-9	Dibenzofuran	U	50	1.0	330	370	50
100-02-7	4-Nitrophenol	U	150	1.0	820	930	150
121-14-2	2,4-Dinitrotoluene	U	46	1.0	330	370	46
86-73-7	Fluorene	U	31	1.0	330	370	31
84-66-2	Diethylphthalate	U	37	1.0	330	370	37
7005-72-3	4-Chlorophenyl-phenylether	U	45	1.0	330	370	45
100-01-6	4-Nitroaniline	U	100	1.0	820	930	100
534-52-1	4,6-Dinitro-2-Methylphenol	U	75	1.0	820	930	75

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/27/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14RA
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	73	1.0	330	370	73
101-55-3	4-Bromophenyl-phenylether	U	47	1.0	330	370	47
118-74-1	Hexachlorobenzene	U	100	1.0	330	370	100
87-86-5	Pentachlorophenol	U	160	1.0	820	930	160
85-01-8	Phenanthrene	U	32	1.0	330	370	32
120-12-7	Anthracene	U	34	1.0	330	370	34
84-74-2	Di-n-butylphthalate	U	46	1.0	330	370	46
206-44-0	Fluoranthene	I	240	1.0	330	370	35
129-00-0	Pyrene	U	36	1.0	330	370	36
85-68-7	Butylbenzylphthalate	U	100	1.0	330	370	100
56-55-3	Benzo(a)anthracene	U	28	1.0	330	370	28
218-01-9	Chrysene	U	43	1.0	330	370	43
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	370	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	160	1.0	330	370	160
117-84-0	Di-n-octylphthalate	U	220	1.0	330	370	220
205-99-2	Benzo(b)fluoranthene	U	47	1.0	330	370	47
207-08-9	Benzo(k)fluoranthene	U	38	1.0	330	370	38
50-32-8	Benzo(a)pyrene	I	200	1.0	330	370	35
193-39-5	Indeno(1,2,3-cd)pyrene	I	56	1.0	330	370	55
53-70-3	Dibenzo(a,h)anthracene	U	46	1.0	330	370	46
191-24-2	Benzo(g,h,i)perylene	U	44	1.0	330	370	44
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	370	190
66-27-3	Methyl Methanesulfonate	U	370	1.0	660	750	370
55-18-5	N-Nitrosodiethylamine	U	370	1.0	660	750	370
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	370	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	370	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	370	190
95-53-4	o-Toluidine	U	190	1.0	330	370	190
98-86-2	Acetophenone	U	29	1.0	330	370	29
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	370	190
126-68-1	O,O,O-Triethylphosphorothioat	U	370	1.0	660	750	370
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	370	190
1888-71-7	Hexachloropropene	U	190	1.0	330	370	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	370	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	370	190
120-58-1	Isosafrole	U	370	1.0	660	750	370
106-50-3	p-Phenylenediamine	U	190	1.0	330	370	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	370	190
94-59-7	Safrole	U	190	1.0	330	370	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	370	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	370	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	370	190
91-59-8	2-Naphthylamine	U	190	1.0	330	370	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/27/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14RA
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	370	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	370	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	370	1.0	660	750	370
99-55-8	5-Nitro-O-Toluidine	U	370	1.0	660	750	370
3689-24-5	Sulfotepp	U	190	1.0	330	370	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	370	190
2303-16-4	Diallate	U	370	1.0	660	750	370
62-44-2	Phenacetin	U	190	1.0	330	370	190
60-51-5	Dimethoate	U	190	1.0	330	370	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	370	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	370	190
23950-58-5	Pronamide	U	190	1.0	330	370	190
56-57-5	4-Nitroquinoline-1-Oxide	U	370	1.0	660	750	370
91-80-5	Methapyrilene	U	190	1.0	330	370	190
465-73-6	Isodrin	U	370	1.0	660	750	370
140-57-8	Aramite	U	370	1.0	660	750	370
60-11-7	p-Dimethylaminoazobenzene	U	370	1.0	660	750	370
510-15-6	Chlorobenzilate	U	370	1.0	660	750	370
143-50-0	Kepone	U	190	1.0	330	370	190
119-93-7	3,3'-Dimethylbenzidine	U	370	1.0	660	750	370
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	370	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	370	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	370	190
70-30-4	Hexachlorophene	U	190	1.0	330	370	190
56-38-2	Parathion	U	190	1.0	330	370	190
88-85-7	Dinoseb	U	190	1.0	330	370	190
367-12-4	2-Fluorophenol		105%				
13127-88-3	Phenol-D6		104%				
4165-60-0	Nitrobenzene-D5		82%				
321-60-8	2-Fluorobiphenyl		J118%				
118-79-6	2,4,6-Tribromophenol		J128%				
1718-51-0	Terphenyl-D14		J130%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15RA
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	380	190
110-86-1	Pyridine	U	47	1.0	1600	1900	47
62-75-9	N-Nitrosodimethylamine	U	99	1.0	660	770	99
62-53-3	Aniline	U	110	1.0	330	380	110
108-95-2	Phenol	U	80	1.0	330	380	80
111-44-4	Bis(2-Chloroethyl)ether	U	39	1.0	330	380	39
95-57-8	2-Chlorophenol	U	150	1.0	330	380	150
100-51-6	Benzyl alcohol	U	50	1.0	660	770	50
108-60-1	Bis(2-Chloroisopropyl)ether	U	40	1.0	330	380	40
95-48-7	2-Methylphenol	U	94	1.0	330	380	94
67-72-1	Hexachloroethane	U	32	1.0	330	380	32
621-64-7	N-Nitroso-di-n-propylamine	U	35	1.0	330	380	35
106-44-5	3&4-Methylphenol	U	190	1.0	330	380	190
98-95-3	Nitrobenzene	U	40	1.0	330	380	40
78-59-1	Isophorone	U	31	1.0	330	380	31
88-75-5	2-Nitrophenol	U	100	1.0	330	380	100
105-67-9	2,4-Dimethyphenol	U	91	1.0	330	380	91
111-91-1	Bis(2-Chloroethoxy)methane	U	31	1.0	330	380	31
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	380	100
91-20-3	Naphthalene	U	44	1.0	330	380	44
106-47-8	4-Chloroaniline	U	28	1.0	330	380	28
87-68-3	Hexachlorobutadiene	U	66	1.0	330	380	66
59-50-7	4-Chloro-3-Methylphenol	U	82	1.0	330	380	82
91-57-6	2-Methylnaphthalene	U	170	1.0	330	380	170
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	380	30
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	380	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	950	100
91-58-7	2-Chloronaphthalene	U	36	1.0	330	380	36
88-74-4	2-Nitroaniline	U	77	1.0	820	950	77
208-96-8	Acenaphthylene	U	31	1.0	330	380	31
131-11-3	Dimethyl Phthalate	U	34	1.0	330	380	34
606-20-2	2,6-Dinitrotoluene	U	57	1.0	330	380	57
83-32-9	Acenaphthene	U	41	1.0	330	380	41
99-09-2	3-Nitroaniline	U	73	1.0	820	950	73
51-28-5	2,4-Dinitrophenol	U	480	1.0	820	950	480
132-64-9	Dibenzofuran	U	51	1.0	330	380	51
100-02-7	4-Nitrophenol	U	160	1.0	820	950	160
121-14-2	2,4-Dinitrotoluene	U	47	1.0	330	380	47
86-73-7	Fluorene	U	32	1.0	330	380	32
84-66-2	Diethylphthalate	U	38	1.0	330	380	38
7005-72-3	4-Chlorophenyl-phenylether	U	46	1.0	330	380	46
100-01-6	4-Nitroaniline	U	110	1.0	820	950	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	77	1.0	820	950	77

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15RA
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	75	1.0	330	380	75
101-55-3	4-Bromophenyl-phenylether	U	49	1.0	330	380	49
118-74-1	Hexachlorobenzene	U	100	1.0	330	380	100
87-86-5	Pentachlorophenol	U	170	1.0	820	950	170
85-01-8	Phenanthrene	U	33	1.0	330	380	33
120-12-7	Anthracene	U	34	1.0	330	380	34
84-74-2	Di-n-butylphthalate	U	48	1.0	330	380	48
206-44-0	Fluoranthene	U	36	1.0	330	380	36
129-00-0	Pyrene	U	37	1.0	330	380	37
85-68-7	Butylbenzylphthalate	U	110	1.0	330	380	110
56-55-3	Benzo(a)anthracene	U	29	1.0	330	380	29
218-01-9	Chrysene	U	45	1.0	330	380	45
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	380	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	380	170
117-84-0	Di-n-octylphthalate	U	220	1.0	330	380	220
205-99-2	Benzo(b)fluoranthene	U	48	1.0	330	380	48
207-08-9	Benzo(k)fluoranthene	U	39	1.0	330	380	39
50-32-8	Benzo(a)pyrene	U	36	1.0	330	380	36
193-39-5	Indeno(1,2,3-cd)pyrene	U	56	1.0	330	380	56
53-70-3	Dibenzo(a,h)anthracene	U	47	1.0	330	380	47
191-24-2	Benzo(g,h,i)perylene	U	45	1.0	330	380	45
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	380	190
66-27-3	Methyl Methanesulfonate	U	380	1.0	660	770	380
55-18-5	N-Nitrosodiethylamine	U	380	1.0	660	770	380
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	380	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	380	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	380	190
95-53-4	o-Toluidine	U	190	1.0	330	380	190
98-86-2	Acetophenone	U	30	1.0	330	380	30
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	380	190
126-68-1	O,O,O-Triethylphosphorothioat	U	380	1.0	660	770	380
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	380	190
1888-71-7	Hexachloropropene	U	190	1.0	330	380	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	380	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	380	190
120-58-1	Isosafrole	U	380	1.0	660	770	380
106-50-3	p-Phenylenediamine	U	190	1.0	330	380	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	380	190
94-59-7	Safrole	U	190	1.0	330	380	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	380	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	380	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	380	190
91-59-8	2-Naphthylamine	U	190	1.0	330	380	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15RA
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	380	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	380	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	380	1.0	660	770	380
99-55-8	5-Nitro-O-Toluidine	U	380	1.0	660	770	380
3689-24-5	Sulfotepp	U	190	1.0	330	380	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	380	190
2303-16-4	Diallate	U	380	1.0	660	770	380
62-44-2	Phenacetin	U	190	1.0	330	380	190
60-51-5	Dimethoate	U	190	1.0	330	380	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	380	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	380	190
23950-58-5	Pronamide	U	190	1.0	330	380	190
56-57-5	4-Nitroquinoline-1-Oxide	U	380	1.0	660	770	380
91-80-5	Methapyrilene	U	190	1.0	330	380	190
465-73-6	Isodrin	U	380	1.0	660	770	380
140-57-8	Aramite	U	380	1.0	660	770	380
60-11-7	p-Dimethylaminoazobenzene	U	380	1.0	660	770	380
510-15-6	Chlorobenzilate	U	380	1.0	660	770	380
143-50-0	Kepone	U	190	1.0	330	380	190
119-93-7	3,3'-Dimethylbenzidine	U	380	1.0	660	770	380
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	380	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	380	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	380	190
70-30-4	Hexachlorophene	U	190	1.0	330	380	190
56-38-2	Parathion	U	190	1.0	330	380	190
88-85-7	Dinoseb	U	190	1.0	330	380	190
367-12-4	2-Fluorophenol		102%				
13127-88-3	Phenol-D6		100%				
4165-60-0	Nitrobenzene-D5		83%				
321-60-8	2-Fluorobiphenyl		J115%				
118-79-6	2,4,6-Tribromophenol		J108%				
1718-51-0	Terphenyl-D14		J138%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	190	1.0	330	370	190
110-86-1	Pyridine	U	46	1.0	1600	1800	46
62-75-9	N-Nitrosodimethylamine	U	96	1.0	660	740	96
62-53-3	Aniline	U	100	1.0	330	370	100
108-95-2	Phenol	U	78	1.0	330	370	78
111-44-4	Bis(2-Chloroethyl)ether	U	38	1.0	330	370	38
95-57-8	2-Chlorophenol	U	140	1.0	330	370	140
100-51-6	Benzyl alcohol	U	48	1.0	660	740	48
108-60-1	Bis(2-Chloroisopropyl)ether	U	39	1.0	330	370	39
95-48-7	2-Methylphenol	U	92	1.0	330	370	92
67-72-1	Hexachloroethane	U	31	1.0	330	370	31
621-64-7	N-Nitroso-di-n-propylamine	U	34	1.0	330	370	34
106-44-5	3&4-Methylphenol	U	190	1.0	330	370	190
98-95-3	Nitrobenzene	U	39	1.0	330	370	39
78-59-1	Isophorone	U	30	1.0	330	370	30
88-75-5	2-Nitrophenol	U	99	1.0	330	370	99
105-67-9	2,4-Dimethyphenol	U	88	1.0	330	370	88
111-91-1	Bis(2-Chloroethoxy)methane	U	30	1.0	330	370	30
120-83-2	2,4-Dichlorophenol	U	98	1.0	330	370	98
91-20-3	Naphthalene	U	42	1.0	330	370	42
106-47-8	4-Chloroaniline	U	27	1.0	330	370	27
87-68-3	Hexachlorobutadiene	U	64	1.0	330	370	64
59-50-7	4-Chloro-3-Methylphenol	U	80	1.0	330	370	80
91-57-6	2-Methylnaphthalene	U	170	1.0	330	370	170
77-47-4	Hexachlorocyclopentadiene	U	29	1.0	330	370	29
88-06-2	2,4,6-Trichlorophenol	U	100	1.0	330	370	100
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	920	100
91-58-7	2-Chloronaphthalene	U	35	1.0	330	370	35
88-74-4	2-Nitroaniline	U	75	1.0	820	920	75
208-96-8	Acenaphthylene	U	30	1.0	330	370	30
131-11-3	Dimethyl Phthalate	U	33	1.0	330	370	33
606-20-2	2,6-Dinitrotoluene	U	56	1.0	330	370	56
83-32-9	Acenaphthene	U	40	1.0	330	370	40
99-09-2	3-Nitroaniline	U	71	1.0	820	920	71
51-28-5	2,4-Dinitrophenol	U	460	1.0	820	920	460
132-64-9	Dibenzofuran	U	49	1.0	330	370	49
100-02-7	4-Nitrophenol	U	150	1.0	820	920	150
121-14-2	2,4-Dinitrotoluene	U	46	1.0	330	370	46
86-73-7	Fluorene	U	31	1.0	330	370	31
84-66-2	Diethylphthalate	U	37	1.0	330	370	37
7005-72-3	4-Chlorophenyl-phenylether	U	44	1.0	330	370	44
100-01-6	4-Nitroaniline	U	100	1.0	820	920	100
534-52-1	4,6-Dinitro-2-Methylphenol	U	74	1.0	820	920	74

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	72	1.0	330	370	72
101-55-3	4-Bromophenyl-phenylether	U	47	1.0	330	370	47
118-74-1	Hexachlorobenzene	U	100	1.0	330	370	100
87-86-5	Pentachlorophenol	U	160	1.0	820	920	160
85-01-8	Phenanthrene	U	32	1.0	330	370	32
120-12-7	Anthracene	U	34	1.0	330	370	34
84-74-2	Di-n-butylphthalate	U	46	1.0	330	370	46
206-44-0	Fluoranthene	I	240	1.0	330	370	34
129-00-0	Pyrene	U	36	1.0	330	370	36
85-68-7	Butylbenzylphthalate	U	100	1.0	330	370	100
56-55-3	Benzo(a)anthracene	U	28	1.0	330	370	28
218-01-9	Chrysene	U	43	1.0	330	370	43
91-94-1	3,3'-Dichlorobenzidine	U	190	1.0	330	370	190
117-81-7	bis(2-Ethylhexyl)phthalate	U	160	1.0	330	370	160
117-84-0	Di-n-octylphthalate	U	220	1.0	330	370	220
205-99-2	Benzo(b)fluoranthene	U	46	1.0	330	370	46
207-08-9	Benzo(k)fluoranthene	U	38	1.0	330	370	38
50-32-8	Benzo(a)pyrene	U	35	1.0	330	370	35
193-39-5	Indeno(1,2,3-cd)pyrene	U	55	1.0	330	370	55
53-70-3	Dibenzo(a,h)anthracene	U	45	1.0	330	370	45
191-24-2	Benzo(g,h,i)perylene	U	43	1.0	330	370	43
10595-95-6	N-Nitrosomethylethylamine	U	190	1.0	330	370	190
66-27-3	Methyl Methanesulfonate	U	370	1.0	660	740	370
55-18-5	N-Nitrosodiethylamine	U	370	1.0	660	740	370
62-50-0	Ethyl Methanesulfonate	U	190	1.0	330	370	190
930-55-2	N-Nitrosopyrrolidine	U	190	1.0	330	370	190
59-89-2	N-Nitrosomorpholine	U	190	1.0	330	370	190
95-53-4	o-Toluidine	U	190	1.0	330	370	190
98-86-2	Acetophenone	U	29	1.0	330	370	29
100-75-4	N-Nitrosopiperidine	U	190	1.0	330	370	190
126-68-1	O,O,O-Triethylphosphorothioat	U	370	1.0	660	740	370
87-65-0	2,6-Dichlorophenol	U	190	1.0	330	370	190
1888-71-7	Hexachloropropene	U	190	1.0	330	370	190
122-09-8	A,A-Dimethylphenethylamine	U	190	1.0	330	370	190
924-16-3	N-Nitroso-Di-N-Butylamine	U	190	1.0	330	370	190
120-58-1	Isosafrole	U	370	1.0	660	740	370
106-50-3	p-Phenylenediamine	U	190	1.0	330	370	190
95-94-3	1,2,4,5-Tetrachlorobenzene	U	190	1.0	330	370	190
94-59-7	Safrole	U	190	1.0	330	370	190
130-15-4	1,4-Naphthoquinone	U	190	1.0	330	370	190
99-65-0	1,3-Dinitrobenzene	U	190	1.0	330	370	190
608-93-5	Pentachlorobenzene	U	190	1.0	330	370	190
91-59-8	2-Naphthylamine	U	190	1.0	330	370	190

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	190	1.0	330	370	190
58-90-2	2,3,4,6-Tetrachlorophenol	U	190	1.0	330	370	190
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	370	1.0	660	740	370
99-55-8	5-Nitro-O-Toluidine	U	370	1.0	660	740	370
3689-24-5	Sulfotepp	U	190	1.0	330	370	190
99-35-4	1,3,5-Trinitrobenzene	U	190	1.0	330	370	190
2303-16-4	Diallate	U	370	1.0	660	740	370
62-44-2	Phenacetin	U	190	1.0	330	370	190
60-51-5	Dimethoate	U	190	1.0	330	370	190
92-67-1	4-Aminobiphenyl	U	190	1.0	330	370	190
82-68-8	Pentachloronitrobenzene	U	190	1.0	330	370	190
23950-58-5	Pronamide	U	190	1.0	330	370	190
56-57-5	4-Nitroquinoline-1-Oxide	U	370	1.0	660	740	370
91-80-5	Methapyrilene	U	190	1.0	330	370	190
465-73-6	Isodrin	U	370	1.0	660	740	370
140-57-8	Aramite	U	370	1.0	660	740	370
60-11-7	p-Dimethylaminoazobenzene	U	370	1.0	660	740	370
510-15-6	Chlorobenzilate	U	370	1.0	660	740	370
143-50-0	Kepone	U	190	1.0	330	370	190
119-93-7	3,3'-Dimethylbenzidine	U	370	1.0	660	740	370
53-96-3	2-Acetylaminofluorene	U	190	1.0	330	370	190
56-49-5	3-Methylcholanthrene	U	190	1.0	330	370	190
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	190	1.0	330	370	190
70-30-4	Hexachlorophene	U	190	1.0	330	370	190
56-38-2	Parathion	U	190	1.0	330	370	190
88-85-7	Dinoseb	U	190	1.0	330	370	190
367-12-4	2-Fluorophenol		100%				
13127-88-3	Phenol-D6		100%				
4165-60-0	Nitrobenzene-D5		77%				
321-60-8	2-Fluorobiphenyl		J110%				
118-79-6	2,4,6-Tribromophenol		J102%				
1718-51-0	Terphenyl-D14		J138%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	200	1.0	330	390	200
110-86-1	Pyridine	U	48	1.0	1600	1900	48
62-75-9	N-Nitrosodimethylamine	U	100	1.0	660	780	100
62-53-3	Aniline	U	110	1.0	330	390	110
108-95-2	Phenol	U	82	1.0	330	390	82
111-44-4	Bis(2-Chloroethyl)ether	U	40	1.0	330	390	40
95-57-8	2-Chlorophenol	U	150	1.0	330	390	150
100-51-6	Benzyl alcohol	U	51	1.0	660	780	51
108-60-1	Bis(2-Chloroisopropyl)ether	U	41	1.0	330	390	41
95-48-7	2-Methylphenol	U	96	1.0	330	390	96
67-72-1	Hexachloroethane	U	33	1.0	330	390	33
621-64-7	N-Nitroso-di-n-propylamine	U	36	1.0	330	390	36
106-44-5	3&4-Methylphenol	U	200	1.0	330	390	200
98-95-3	Nitrobenzene	U	41	1.0	330	390	41
78-59-1	Isophorone	U	31	1.0	330	390	31
88-75-5	2-Nitrophenol	U	100	1.0	330	390	100
105-67-9	2,4-Dimethyphenol	U	93	1.0	330	390	93
111-91-1	Bis(2-Chloroethoxy)methane	U	32	1.0	330	390	32
120-83-2	2,4-Dichlorophenol	U	100	1.0	330	390	100
91-20-3	Naphthalene	U	44	1.0	330	390	44
106-47-8	4-Chloroaniline	U	28	1.0	330	390	28
87-68-3	Hexachlorobutadiene	U	68	1.0	330	390	68
59-50-7	4-Chloro-3-Methylphenol	U	84	1.0	330	390	84
91-57-6	2-Methylnaphthalene	U	180	1.0	330	390	180
77-47-4	Hexachlorocyclopentadiene	U	30	1.0	330	390	30
88-06-2	2,4,6-Trichlorophenol	U	110	1.0	330	390	110
95-95-4	2,4,5-Trichlorophenol	U	100	1.0	820	970	100
91-58-7	2-Chloronaphthalene	U	37	1.0	330	390	37
88-74-4	2-Nitroaniline	U	79	1.0	820	970	79
208-96-8	Acenaphthylene	U	32	1.0	330	390	32
131-11-3	Dimethyl Phthalate	U	35	1.0	330	390	35
606-20-2	2,6-Dinitrotoluene	U	58	1.0	330	390	58
83-32-9	Acenaphthene	U	42	1.0	330	390	42
99-09-2	3-Nitroaniline	U	74	1.0	820	970	74
51-28-5	2,4-Dinitrophenol	U	490	1.0	820	970	490
132-64-9	Dibenzofuran	U	52	1.0	330	390	52
100-02-7	4-Nitrophenol	U	160	1.0	820	970	160
121-14-2	2,4-Dinitrotoluene	U	48	1.0	330	390	48
86-73-7	Fluorene	U	32	1.0	330	390	32
84-66-2	Diethylphthalate	U	39	1.0	330	390	39
7005-72-3	4-Chlorophenyl-phenylether	U	47	1.0	330	390	47
100-01-6	4-Nitroaniline	U	110	1.0	820	970	110
534-52-1	4,6-Dinitro-2-Methylphenol	U	78	1.0	820	970	78

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	76	1.0	330	390	76
101-55-3	4-Bromophenyl-phenylether	U	50	1.0	330	390	50
118-74-1	Hexachlorobenzene	U	100	1.0	330	390	100
87-86-5	Pentachlorophenol	U	170	1.0	820	970	170
85-01-8	Phenanthrene	U	34	1.0	330	390	34
120-12-7	Anthracene	U	35	1.0	330	390	35
84-74-2	Di-n-butylphthalate	U	49	1.0	330	390	49
206-44-0	Fluoranthene	U	36	1.0	330	390	36
129-00-0	Pyrene	U	38	1.0	330	390	38
85-68-7	Butylbenzylphthalate	U	110	1.0	330	390	110
56-55-3	Benzo(a)anthracene	U	30	1.0	330	390	30
218-01-9	Chrysene	U	46	1.0	330	390	46
91-94-1	3,3'-Dichlorobenzidine	U	200	1.0	330	390	200
117-81-7	bis(2-Ethylhexyl)phthalate	U	170	1.0	330	390	170
117-84-0	Di-n-octylphthalate	U	230	1.0	330	390	230
205-99-2	Benzo(b)fluoranthene	U	49	1.0	330	390	49
207-08-9	Benzo(k)fluoranthene	U	40	1.0	330	390	40
50-32-8	Benzo(a)pyrene	U	37	1.0	330	390	37
193-39-5	Indeno(1,2,3-cd)pyrene	U	57	1.0	330	390	57
53-70-3	Dibenzo(a,h)anthracene	U	48	1.0	330	390	48
191-24-2	Benzo(g,h,i)perylene	U	46	1.0	330	390	46
10595-95-6	N-Nitrosomethylethylamine	U	200	1.0	330	390	200
66-27-3	Methyl Methanesulfonate	U	390	1.0	660	780	390
55-18-5	N-Nitrosodiethylamine	U	390	1.0	660	780	390
62-50-0	Ethyl Methanesulfonate	U	200	1.0	330	390	200
930-55-2	N-Nitrosopyrrolidine	U	200	1.0	330	390	200
59-89-2	N-Nitrosomorpholine	U	200	1.0	330	390	200
95-53-4	o-Toluidine	U	200	1.0	330	390	200
98-86-2	Acetophenone	U	30	1.0	330	390	30
100-75-4	N-Nitrosopiperidine	U	200	1.0	330	390	200
126-68-1	O,O,O-Triethylphosphorothioat	U	390	1.0	660	780	390
87-65-0	2,6-Dichlorophenol	U	200	1.0	330	390	200
1888-71-7	Hexachloropropene	U	200	1.0	330	390	200
122-09-8	A,A-Dimethylphenethylamine	U	200	1.0	330	390	200
924-16-3	N-Nitroso-Di-N-Butylamine	U	200	1.0	330	390	200
120-58-1	Isosafrole	U	390	1.0	660	780	390
106-50-3	p-Phenylenediamine	U	200	1.0	330	390	200
95-94-3	1,2,4,5-Tetrachlorobenzene	U	200	1.0	330	390	200
94-59-7	Safrole	U	200	1.0	330	390	200
130-15-4	1,4-Naphthoquinone	U	200	1.0	330	390	200
99-65-0	1,3-Dinitrobenzene	U	200	1.0	330	390	200
608-93-5	Pentachlorobenzene	U	200	1.0	330	390	200
91-59-8	2-Naphthylamine	U	200	1.0	330	390	200

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/30/04
Analysis Date: 10/26/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	200	1.0	330	390	200
58-90-2	2,3,4,6-Tetrachlorophenol	U	200	1.0	330	390	200
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	390	1.0	660	780	390
99-55-8	5-Nitro-O-Toluidine	U	390	1.0	660	780	390
3689-24-5	Sulfotepp	U	200	1.0	330	390	200
99-35-4	1,3,5-Trinitrobenzene	U	200	1.0	330	390	200
2303-16-4	Diallate	U	390	1.0	660	780	390
62-44-2	Phenacetin	U	200	1.0	330	390	200
60-51-5	Dimethoate	U	200	1.0	330	390	200
92-67-1	4-Aminobiphenyl	U	200	1.0	330	390	200
82-68-8	Pentachloronitrobenzene	U	200	1.0	330	390	200
23950-58-5	Pronamide	U	200	1.0	330	390	200
56-57-5	4-Nitroquinoline-1-Oxide	U	390	1.0	660	780	390
91-80-5	Methapyrilene	U	200	1.0	330	390	200
465-73-6	Isodrin	U	390	1.0	660	780	390
140-57-8	Aramite	U	390	1.0	660	780	390
60-11-7	p-Dimethylaminoazobenzene	U	390	1.0	660	780	390
510-15-6	Chlorobenzilate	U	390	1.0	660	780	390
143-50-0	Kepone	U	200	1.0	330	390	200
119-93-7	3,3'-Dimethylbenzidine	U	390	1.0	660	780	390
53-96-3	2-Acetylaminofluorene	U	200	1.0	330	390	200
56-49-5	3-Methylcholanthrene	U	200	1.0	330	390	200
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	200	1.0	330	390	200
70-30-4	Hexachlorophene	U	200	1.0	330	390	200
56-38-2	Parathion	U	200	1.0	330	390	200
88-85-7	Dinoseb	U	200	1.0	330	390	200
367-12-4	2-Fluorophenol		101%				
13127-88-3	Phenol-D6		93%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		101%				
118-79-6	2,4,6-Tribromophenol		J104%				
1718-51-0	Terphenyl-D14		J146%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.86
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.85
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.70
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.84
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.90
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.98
72-55-9	4,4'-DDE	U	5.8	1.0	5.0	5.8	1.7
60-57-1	Dieldrin	U	5.8	1.0	5.0	5.8	1.2
72-20-8	Endrin	U	5.8	1.0	5.0	5.8	0.82
72-54-8	4,4'-DDD	U	5.8	1.0	5.0	5.8	1.3
33213-65-9	Endosulfan II	U	5.8	1.0	5.0	5.8	1.0
50-29-3	4,4'-DDT	U	5.8	1.0	5.0	5.8	1.1
7421-36-3	Endrin Aldehyde	U	5.8	1.0	5.0	5.8	0.92
1031-07-8	Endosulfan sulfate	U	5.8	1.0	5.0	5.8	0.89
72-43-5	Methoxychlor	U	29	1.0	25	29	0.93
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	58	1.0	50	58	8.2
877-09-8	Tetrachloro-m-Xylene		68%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.86
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.85
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.70
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.84
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.90
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.98
72-55-9	4,4'-DDE	U	5.8	1.0	5.0	5.8	1.7
60-57-1	Dieldrin	U	5.8	1.0	5.0	5.8	1.2
72-20-8	Endrin	U	5.8	1.0	5.0	5.8	0.81
72-54-8	4,4'-DDD	U	5.8	1.0	5.0	5.8	1.2
33213-65-9	Endosulfan II	U	5.8	1.0	5.0	5.8	1.0
50-29-3	4,4'-DDT	U	5.8	1.0	5.0	5.8	1.0
7421-36-3	Endrin Aldehyde	U	5.8	1.0	5.0	5.8	0.92
1031-07-8	Endosulfan sulfate	U	5.8	1.0	5.0	5.8	0.88
72-43-5	Methoxychlor	U	29	1.0	25	29	0.93
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	58	1.0	50	58	8.1
877-09-8	Tetrachloro-m-Xylene		83%				
2051-24-3	Decachlorobiphenyl		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.87
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.86
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.71
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.85
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.91
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.99
72-55-9	4,4'-DDE	U	5.9	1.0	5.0	5.9	1.7
60-57-1	Dieldrin	U	5.9	1.0	5.0	5.9	1.3
72-20-8	Endrin	U	5.9	1.0	5.0	5.9	0.82
72-54-8	4,4'-DDD	U	5.9	1.0	5.0	5.9	1.3
33213-65-9	Endosulfan II	U	5.9	1.0	5.0	5.9	1.1
50-29-3	4,4'-DDT	U	5.9	1.0	5.0	5.9	1.1
7421-36-3	Endrin Aldehyde	U	5.9	1.0	5.0	5.9	0.93
1031-07-8	Endosulfan sulfate	U	5.9	1.0	5.0	5.9	0.90
72-43-5	Methoxychlor	U	29	1.0	25	29	0.94
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	59	1.0	50	59	8.2
877-09-8	Tetrachloro-m-Xylene		90%				
2051-24-3	Decachlorobiphenyl		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.91	1.0	2.5	3.1	0.91
58-89-9	gamma BHC	U	0.90	1.0	2.5	3.1	0.90
76-44-8	Heptachlor	U	0.74	1.0	2.5	3.1	0.74
319-85-7	beta-BHC	U	0.89	1.0	2.5	3.1	0.89
309-00-2	Aldrin	U	1.3	1.0	2.5	3.1	1.3
319-86-8	delta-BHC	U	1.2	1.0	2.5	3.1	1.2
1024-57-3	Heptachlor Epoxide	U	0.95	1.0	2.5	3.1	0.95
959-98-8	Endosulfan I	U	1.0	1.0	2.5	3.1	1.0
72-55-9	4,4'-DDE	I	1.9	1.0	5.0	6.2	1.8
60-57-1	Dieldrin	U	1.3	1.0	5.0	6.2	1.3
72-20-8	Endrin	U	0.86	1.0	5.0	6.2	0.86
72-54-8	4,4'-DDD	U	1.3	1.0	5.0	6.2	1.3
33213-65-9	Endosulfan II	U	1.1	1.0	5.0	6.2	1.1
50-29-3	4,4'-DDT		9.8	1.0	5.0	6.2	1.1
7421-36-3	Endrin Aldehyde	U	0.98	1.0	5.0	6.2	0.98
1031-07-8	Endosulfan sulfate	U	0.94	1.0	5.0	6.2	0.94
72-43-5	Methoxychlor	U	0.99	1.0	25	31	0.99
8001-35-2	Toxaphene	U	14	1.0	250	310	14
12789-03-6	Chlordane	U	8.6	1.0	50	62	8.6
877-09-8	Tetrachloro-m-Xylene		68%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.87
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.86
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.70
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.85
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.90
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.99
72-55-9	4,4'-DDE	U	5.9	1.0	5.0	5.9	1.7
60-57-1	Dieldrin	U	5.9	1.0	5.0	5.9	1.2
72-20-8	Endrin	U	5.9	1.0	5.0	5.9	0.82
72-54-8	4,4'-DDD	U	5.9	1.0	5.0	5.9	1.3
33213-65-9	Endosulfan II	U	5.9	1.0	5.0	5.9	1.0
50-29-3	4,4'-DDT	U	5.9	1.0	5.0	5.9	1.1
7421-36-3	Endrin Aldehyde	U	5.9	1.0	5.0	5.9	0.93
1031-07-8	Endosulfan sulfate	U	5.9	1.0	5.0	5.9	0.89
72-43-5	Methoxychlor	U	29	1.0	25	29	0.94
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	59	1.0	50	59	8.2
877-09-8	Tetrachloro-m-Xylene		75%				
2051-24-3	Decachlorobiphenyl		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.85
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.84
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.69
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.82
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.88
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.96
72-55-9	4,4'-DDE	U	5.7	1.0	5.0	5.7	1.6
60-57-1	Dieldrin	U	5.7	1.0	5.0	5.7	1.2
72-20-8	Endrin	U	5.7	1.0	5.0	5.7	0.80
72-54-8	4,4'-DDD	U	5.7	1.0	5.0	5.7	1.2
33213-65-9	Endosulfan II	U	5.7	1.0	5.0	5.7	1.0
50-29-3	4,4'-DDT	U	5.7	1.0	5.0	5.7	1.0
7421-36-3	Endrin Aldehyde	U	5.7	1.0	5.0	5.7	0.90
1031-07-8	Endosulfan sulfate	U	5.7	1.0	5.0	5.7	0.87
72-43-5	Methoxychlor	U	29	1.0	25	29	0.92
8001-35-2	Toxaphene	U	290	1.0	250	290	13
12789-03-6	Chlordane	U	57	1.0	50	57	8.0
877-09-8	Tetrachloro-m-Xylene		73%				
2051-24-3	Decachlorobiphenyl		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.0	1.0	2.5	3.0	0.88
58-89-9	gamma BHC	U	3.0	1.0	2.5	3.0	0.86
76-44-8	Heptachlor	U	3.0	1.0	2.5	3.0	0.71
319-85-7	beta-BHC	U	3.0	1.0	2.5	3.0	0.85
309-00-2	Aldrin	U	3.0	1.0	2.5	3.0	1.2
319-86-8	delta-BHC	U	3.0	1.0	2.5	3.0	1.1
1024-57-3	Heptachlor Epoxide	U	3.0	1.0	2.5	3.0	0.91
959-98-8	Endosulfan I	U	3.0	1.0	2.5	3.0	1.00
72-55-9	4,4'-DDE	U	5.9	1.0	5.0	5.9	1.7
60-57-1	Dieldrin	U	5.9	1.0	5.0	5.9	1.3
72-20-8	Endrin	U	5.9	1.0	5.0	5.9	0.83
72-54-8	4,4'-DDD	U	5.9	1.0	5.0	5.9	1.3
33213-65-9	Endosulfan II	U	5.9	1.0	5.0	5.9	1.1
50-29-3	4,4'-DDT	U	5.9	1.0	5.0	5.9	1.1
7421-36-3	Endrin Aldehyde	U	5.9	1.0	5.0	5.9	0.94
1031-07-8	Endosulfan sulfate	U	5.9	1.0	5.0	5.9	0.90
72-43-5	Methoxychlor	U	30	1.0	25	30	0.95
8001-35-2	Toxaphene	U	300	1.0	250	300	14
12789-03-6	Chlordane	U	59	1.0	50	59	8.3
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.1	1.0	2.5	3.1	0.92
58-89-9	gamma BHC	U	3.1	1.0	2.5	3.1	0.90
76-44-8	Heptachlor	U	3.1	1.0	2.5	3.1	0.74
319-85-7	beta-BHC	U	3.1	1.0	2.5	3.1	0.89
309-00-2	Aldrin	U	3.1	1.0	2.5	3.1	1.3
319-86-8	delta-BHC	U	3.1	1.0	2.5	3.1	1.2
1024-57-3	Heptachlor Epoxide	U	3.1	1.0	2.5	3.1	0.95
959-98-8	Endosulfan I	U	3.1	1.0	2.5	3.1	1.0
72-55-9	4,4'-DDE		31	1.0	5.0	6.2	1.8
60-57-1	Dieldrin	U	6.2	1.0	5.0	6.2	1.3
72-20-8	Endrin	U	6.2	1.0	5.0	6.2	0.87
72-54-8	4,4'-DDD	U	6.2	1.0	5.0	6.2	1.3
33213-65-9	Endosulfan II	U	6.2	1.0	5.0	6.2	1.1
50-29-3	4,4'-DDT		14	1.0	5.0	6.2	1.1
7421-36-3	Endrin Aldehyde	U	6.2	1.0	5.0	6.2	0.98
1031-07-8	Endosulfan sulfate	U	6.2	1.0	5.0	6.2	0.94
72-43-5	Methoxychlor	U	31	1.0	25	31	0.99
8001-35-2	Toxaphene	U	310	1.0	250	310	14
12789-03-6	Chlordane	U	62	1.0	50	62	8.7
877-09-8	Tetrachloro-m-Xylene		80%				
2051-24-3	Decachlorobiphenyl		72%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.1	1.0	2.5	3.1	0.93
58-89-9	gamma BHC	U	3.1	1.0	2.5	3.1	0.91
76-44-8	Heptachlor	U	3.1	1.0	2.5	3.1	0.75
319-85-7	beta-BHC	U	3.1	1.0	2.5	3.1	0.90
309-00-2	Aldrin	U	3.1	1.0	2.5	3.1	1.3
319-86-8	delta-BHC	U	3.1	1.0	2.5	3.1	1.2
1024-57-3	Heptachlor Epoxide	U	3.1	1.0	2.5	3.1	0.96
959-98-8	Endosulfan I	U	3.1	1.0	2.5	3.1	1.0
72-55-9	4,4'-DDE	U	6.3	1.0	5.0	6.3	1.8
60-57-1	Dieldrin	U	6.3	1.0	5.0	6.3	1.3
72-20-8	Endrin	U	6.3	1.0	5.0	6.3	0.88
72-54-8	4,4'-DDD	U	6.3	1.0	5.0	6.3	1.4
33213-65-9	Endosulfan II	U	6.3	1.0	5.0	6.3	1.1
50-29-3	4,4'-DDT	U	6.3	1.0	5.0	6.3	1.1
7421-36-3	Endrin Aldehyde	U	6.3	1.0	5.0	6.3	0.99
1031-07-8	Endosulfan sulfate	U	6.3	1.0	5.0	6.3	0.95
72-43-5	Methoxychlor	U	31	1.0	25	31	1.0
8001-35-2	Toxaphene	U	310	1.0	250	310	14
12789-03-6	Chlordane	U	63	1.0	50	63	8.8
877-09-8	Tetrachloro-m-Xylene		95%				
2051-24-3	Decachlorobiphenyl		81%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.0	1.0	2.5	3.0	0.90
58-89-9	gamma BHC	U	3.0	1.0	2.5	3.0	0.89
76-44-8	Heptachlor	U	3.0	1.0	2.5	3.0	0.73
319-85-7	beta-BHC	U	3.0	1.0	2.5	3.0	0.88
309-00-2	Aldrin	U	3.0	1.0	2.5	3.0	1.3
319-86-8	delta-BHC	U	3.0	1.0	2.5	3.0	1.2
1024-57-3	Heptachlor Epoxide	U	3.0	1.0	2.5	3.0	0.94
959-98-8	Endosulfan I	U	3.0	1.0	2.5	3.0	1.0
72-55-9	4,4'-DDE	U	6.1	1.0	5.0	6.1	1.8
60-57-1	Dieldrin	U	6.1	1.0	5.0	6.1	1.3
72-20-8	Endrin	U	6.1	1.0	5.0	6.1	0.85
72-54-8	4,4'-DDD	U	6.1	1.0	5.0	6.1	1.3
33213-65-9	Endosulfan II	U	6.1	1.0	5.0	6.1	1.1
50-29-3	4,4'-DDT	U	6.1	1.0	5.0	6.1	1.1
7421-36-3	Endrin Aldehyde	U	6.1	1.0	5.0	6.1	0.96
1031-07-8	Endosulfan sulfate	U	6.1	1.0	5.0	6.1	0.92
72-43-5	Methoxychlor	U	30	1.0	25	30	0.97
8001-35-2	Toxaphene	U	300	1.0	250	300	14
12789-03-6	Chlordane	U	61	1.0	50	61	8.5
877-09-8	Tetrachloro-m-Xylene		78%				
2051-24-3	Decachlorobiphenyl		67%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.0	1.0	2.5	3.0	0.89
58-89-9	gamma BHC	U	3.0	1.0	2.5	3.0	0.88
76-44-8	Heptachlor	U	3.0	1.0	2.5	3.0	0.72
319-85-7	beta-BHC	U	3.0	1.0	2.5	3.0	0.86
309-00-2	Aldrin	U	3.0	1.0	2.5	3.0	1.3
319-86-8	delta-BHC	U	3.0	1.0	2.5	3.0	1.2
1024-57-3	Heptachlor Epoxide	U	3.0	1.0	2.5	3.0	0.92
959-98-8	Endosulfan I	U	3.0	1.0	2.5	3.0	1.0
72-55-9	4,4'-DDE	U	6.0	1.0	5.0	6.0	1.7
60-57-1	Dieldrin	U	6.0	1.0	5.0	6.0	1.3
72-20-8	Endrin	U	6.0	1.0	5.0	6.0	0.84
72-54-8	4,4'-DDD	U	6.0	1.0	5.0	6.0	1.3
33213-65-9	Endosulfan II	U	6.0	1.0	5.0	6.0	1.1
50-29-3	4,4'-DDT	U	6.0	1.0	5.0	6.0	1.1
7421-36-3	Endrin Aldehyde	U	6.0	1.0	5.0	6.0	0.95
1031-07-8	Endosulfan sulfate	U	6.0	1.0	5.0	6.0	0.91
72-43-5	Methoxychlor	U	30	1.0	25	30	0.96
8001-35-2	Toxaphene	U	300	1.0	250	300	14
12789-03-6	Chlordane	U	60	1.0	50	60	8.4
877-09-8	Tetrachloro-m-Xylene		83%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.86
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.85
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.70
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.84
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.90
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.98
72-55-9	4,4'-DDE	U	5.8	1.0	5.0	5.8	1.7
60-57-1	Dieldrin	U	5.8	1.0	5.0	5.8	1.2
72-20-8	Endrin	U	5.8	1.0	5.0	5.8	0.82
72-54-8	4,4'-DDD	U	5.8	1.0	5.0	5.8	1.2
33213-65-9	Endosulfan II	U	5.8	1.0	5.0	5.8	1.0
50-29-3	4,4'-DDT	U	5.8	1.0	5.0	5.8	1.1
7421-36-3	Endrin Aldehyde	U	5.8	1.0	5.0	5.8	0.92
1031-07-8	Endosulfan sulfate	U	5.8	1.0	5.0	5.8	0.88
72-43-5	Methoxychlor	U	29	1.0	25	29	0.93
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	58	1.0	50	58	8.2
877-09-8	Tetrachloro-m-Xylene		74%				
2051-24-3	Decachlorobiphenyl		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 84.2

Lab ID: WU3200-12
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.0	1.0	2.5	3.0	0.88
58-89-9	gamma BHC	U	3.0	1.0	2.5	3.0	0.87
76-44-8	Heptachlor	U	3.0	1.0	2.5	3.0	0.71
319-85-7	beta-BHC	U	3.0	1.0	2.5	3.0	0.86
309-00-2	Aldrin	U	3.0	1.0	2.5	3.0	1.2
319-86-8	delta-BHC	U	3.0	1.0	2.5	3.0	1.1
1024-57-3	Heptachlor Epoxide	U	3.0	1.0	2.5	3.0	0.91
959-98-8	Endosulfan I	U	3.0	1.0	2.5	3.0	1.00
72-55-9	4,4'-DDE	U	5.9	1.0	5.0	5.9	1.7
60-57-1	Dieldrin	U	5.9	1.0	5.0	5.9	1.3
72-20-8	Endrin	U	5.9	1.0	5.0	5.9	0.83
72-54-8	4,4'-DDD	U	5.9	1.0	5.0	5.9	1.3
33213-65-9	Endosulfan II	U	5.9	1.0	5.0	5.9	1.1
50-29-3	4,4'-DDT	U	5.9	1.0	5.0	5.9	1.1
7421-36-3	Endrin Aldehyde	U	5.9	1.0	5.0	5.9	0.94
1031-07-8	Endosulfan sulfate	U	5.9	1.0	5.0	5.9	0.90
72-43-5	Methoxychlor	U	30	1.0	25	30	0.95
8001-35-2	Toxaphene	U	300	1.0	250	300	14
12789-03-6	Chlordane	U	59	1.0	50	59	8.3
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.84	1.0	2.5	2.8	0.84
58-89-9	gamma BHC	U	0.83	1.0	2.5	2.8	0.83
76-44-8	Heptachlor	U	0.68	1.0	2.5	2.8	0.68
319-85-7	beta-BHC	U	0.82	1.0	2.5	2.8	0.82
309-00-2	Aldrin	U	1.2	1.0	2.5	2.8	1.2
319-86-8	delta-BHC	U	1.1	1.0	2.5	2.8	1.1
1024-57-3	Heptachlor Epoxide	U	0.87	1.0	2.5	2.8	0.87
959-98-8	Endosulfan I	U	0.95	1.0	2.5	2.8	0.95
72-55-9	4,4'-DDE	I	4.7	1.0	5.0	5.6	1.6
60-57-1	Dieldrin	U	1.2	1.0	5.0	5.6	1.2
72-20-8	Endrin	U	0.79	1.0	5.0	5.6	0.79
72-54-8	4,4'-DDD	U	1.2	1.0	5.0	5.6	1.2
33213-65-9	Endosulfan II	U	1.0	1.0	5.0	5.6	1.0
50-29-3	4,4'-DDT	I	2.6	1.0	5.0	5.6	1.0
7421-36-3	Endrin Aldehyde	U	0.89	1.0	5.0	5.6	0.89
1031-07-8	Endosulfan sulfate	U	0.86	1.0	5.0	5.6	0.86
72-43-5	Methoxychlor	U	0.90	1.0	25	28	0.90
8001-35-2	Toxaphene	U	13	1.0	250	280	13
12789-03-6	Chlordane	U	7.9	1.0	50	56	7.9
877-09-8	Tetrachloro-m-Xylene		60%				
2051-24-3	Decachlorobiphenyl		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	2.5	2.9	0.86
58-89-9	gamma BHC	U	2.9	1.0	2.5	2.9	0.85
76-44-8	Heptachlor	U	2.9	1.0	2.5	2.9	0.70
319-85-7	beta-BHC	U	2.9	1.0	2.5	2.9	0.84
309-00-2	Aldrin	U	2.9	1.0	2.5	2.9	1.2
319-86-8	delta-BHC	U	2.9	1.0	2.5	2.9	1.1
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	2.5	2.9	0.90
959-98-8	Endosulfan I	U	2.9	1.0	2.5	2.9	0.98
72-55-9	4,4'-DDE	U	5.8	1.0	5.0	5.8	1.7
60-57-1	Dieldrin	U	5.8	1.0	5.0	5.8	1.2
72-20-8	Endrin	U	5.8	1.0	5.0	5.8	0.81
72-54-8	4,4'-DDD	U	5.8	1.0	5.0	5.8	1.2
33213-65-9	Endosulfan II	U	5.8	1.0	5.0	5.8	1.0
50-29-3	4,4'-DDT	U	5.8	1.0	5.0	5.8	1.0
7421-36-3	Endrin Aldehyde	U	5.8	1.0	5.0	5.8	0.92
1031-07-8	Endosulfan sulfate	U	5.8	1.0	5.0	5.8	0.88
72-43-5	Methoxychlor	U	29	1.0	25	29	0.93
8001-35-2	Toxaphene	U	290	1.0	250	290	14
12789-03-6	Chlordane	U	58	1.0	50	58	8.1
877-09-8	Tetrachloro-m-Xylene		64%				
2051-24-3	Decachlorobiphenyl		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.84	1.0	2.5	2.8	0.84
58-89-9	gamma BHC	U	0.82	1.0	2.5	2.8	0.82
76-44-8	Heptachlor	U	0.68	1.0	2.5	2.8	0.68
319-85-7	beta-BHC	U	0.81	1.0	2.5	2.8	0.81
309-00-2	Aldrin	U	1.2	1.0	2.5	2.8	1.2
319-86-8	delta-BHC	U	1.1	1.0	2.5	2.8	1.1
1024-57-3	Heptachlor Epoxide	U	0.87	1.0	2.5	2.8	0.87
959-98-8	Endosulfan I	U	0.95	1.0	2.5	2.8	0.95
72-55-9	4,4'-DDE		8.7	1.0	5.0	5.6	1.6
60-57-1	Dieldrin	U	1.2	1.0	5.0	5.6	1.2
72-20-8	Endrin	U	0.79	1.0	5.0	5.6	0.79
72-54-8	4,4'-DDD	I	1.7	1.0	5.0	5.6	1.2
33213-65-9	Endosulfan II	U	1.0	1.0	5.0	5.6	1.0
50-29-3	4,4'-DDT	I	4.3	1.0	5.0	5.6	1.0
7421-36-3	Endrin Aldehyde	U	0.89	1.0	5.0	5.6	0.89
1031-07-8	Endosulfan sulfate	U	0.86	1.0	5.0	5.6	0.86
72-43-5	Methoxychlor	U	0.90	1.0	25	28	0.90
8001-35-2	Toxaphene	U	13	1.0	250	280	13
12789-03-6	Chlordane	U	7.9	1.0	50	56	7.9
877-09-8	Tetrachloro-m-Xylene		59%				
2051-24-3	Decachlorobiphenyl		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.88	1.0	2.5	3.0	0.88
58-89-9	gamma BHC	U	0.86	1.0	2.5	3.0	0.86
76-44-8	Heptachlor	U	0.71	1.0	2.5	3.0	0.71
319-85-7	beta-BHC	U	0.85	1.0	2.5	3.0	0.85
309-00-2	Aldrin	U	1.2	1.0	2.5	3.0	1.2
319-86-8	delta-BHC	U	1.1	1.0	2.5	3.0	1.1
1024-57-3	Heptachlor Epoxide	U	0.91	1.0	2.5	3.0	0.91
959-98-8	Endosulfan I	U	1.00	1.0	2.5	3.0	1.00
72-55-9	4,4'-DDE	U	1.7	1.0	5.0	5.9	1.7
60-57-1	Dieldrin	U	1.3	1.0	5.0	5.9	1.3
72-20-8	Endrin	U	0.83	1.0	5.0	5.9	0.83
72-54-8	4,4'-DDD	U	1.3	1.0	5.0	5.9	1.3
33213-65-9	Endosulfan II	U	1.1	1.0	5.0	5.9	1.1
50-29-3	4,4'-DDT	U	1.1	1.0	5.0	5.9	1.1
7421-36-3	Endrin Aldehyde	U	0.94	1.0	5.0	5.9	0.94
1031-07-8	Endosulfan sulfate	U	0.90	1.0	5.0	5.9	0.90
72-43-5	Methoxychlor	U	0.95	1.0	25	30	0.95
8001-35-2	Toxaphene	U	14	1.0	250	300	14
12789-03-6	Chlordane	U	8.3	1.0	50	59	8.3
877-09-8	Tetrachloro-m-Xylene		J 45%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.7

Lab ID: WU3200-13
Client ID: KWFCSB-DUP-00-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.6	1.0	17	20	9.6
11141-16-5	Aroclor-1232	U	6.2	1.0	17	20	6.2
53469-21-9	Aroclor-1242	U	7.8	1.0	17	20	7.8
12672-29-6	Aroclor-1248	U	9.6	1.0	17	20	9.6
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		68%				
2051-24-3	Decachlorobiphenyl		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/12/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 86.0

Lab ID: WU3200-1
Client ID: KWFCSB-MW07-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.5	1.0	17	20	9.5
11141-16-5	Aroclor-1232	U	6.1	1.0	17	20	6.1
53469-21-9	Aroclor-1242	U	7.8	1.0	17	20	7.8
12672-29-6	Aroclor-1248	U	9.6	1.0	17	20	9.6
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		90%				
2051-24-3	Decachlorobiphenyl		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/12/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.7

Lab ID: WU3200-2
Client ID: KWFCSB-MW07-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.7	1.0	17	20	9.7
11141-16-5	Aroclor-1232	U	6.2	1.0	17	20	6.2
53469-21-9	Aroclor-1242	U	7.9	1.0	17	20	7.9
12672-29-6	Aroclor-1248	U	9.7	1.0	17	20	9.7
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		93%				
2051-24-3	Decachlorobiphenyl		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/15/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 80.9

Lab ID: WU3200-3RA
Client ID: KWFCSB-MW08-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	13	1.0	17	21	13
11104-28-2	Aroclor-1221	U	10	1.0	17	21	10
11141-16-5	Aroclor-1232	U	6.5	1.0	17	21	6.5
53469-21-9	Aroclor-1242	U	8.3	1.0	17	21	8.3
12672-29-6	Aroclor-1248	U	10	1.0	17	21	10
11097-69-1	Aroclor-1254	U	5.8	1.0	17	21	5.8
11096-82-5	Aroclor-1260		92	1.0	17	21	11
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.0

Lab ID: WU3200-4
Client ID: KWFCSB-MW08-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.6	1.0	17	20	9.6
11141-16-5	Aroclor-1232	U	6.2	1.0	17	20	6.2
53469-21-9	Aroclor-1242	U	7.9	1.0	17	20	7.9
12672-29-6	Aroclor-1248	U	9.7	1.0	17	20	9.7
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 87.3

Lab ID: WU3200-5
Client ID: KWFCSB-MW09-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	19	12
11104-28-2	Aroclor-1221	U	9.4	1.0	17	19	9.4
11141-16-5	Aroclor-1232	U	6.0	1.0	17	19	6.0
53469-21-9	Aroclor-1242	U	7.7	1.0	17	19	7.7
12672-29-6	Aroclor-1248	U	9.5	1.0	17	19	9.5
11097-69-1	Aroclor-1254	U	5.4	1.0	17	19	5.4
11096-82-5	Aroclor-1260	U	9.8	1.0	17	19	9.8
877-09-8	Tetrachloro-m-xylene		80%				
2051-24-3	Decachlorobiphenyl		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-6
Client ID: KWFCSB-MW09-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.7	1.0	17	20	9.7
11141-16-5	Aroclor-1232	U	6.3	1.0	17	20	6.3
53469-21-9	Aroclor-1242	U	8.0	1.0	17	20	8.0
12672-29-6	Aroclor-1248	U	9.8	1.0	17	20	9.8
11097-69-1	Aroclor-1254	U	5.6	1.0	17	20	5.6
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/18/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 80.6

Lab ID: WU3200-7SC
Client ID: KWFCSB-MW10-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265SC
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	13	1.0	17	21	13
11104-28-2	Aroclor-1221	U	10	1.0	17	21	10
11141-16-5	Aroclor-1232	U	6.5	1.0	17	21	6.5
53469-21-9	Aroclor-1242	U	8.3	1.0	17	21	8.3
12672-29-6	Aroclor-1248	U	10	1.0	17	21	10
11097-69-1	Aroclor-1254	U	5.8	1.0	17	21	5.8
11096-82-5	Aroclor-1260	I	20	1.0	17	21	11
877-09-8	Tetrachloro-m-xylene		76%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 79.8

Lab ID: WU3200-8
Client ID: KWFCSB-MW10-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	13	1.0	17	21	13
11104-28-2	Aroclor-1221	U	10	1.0	17	21	10
11141-16-5	Aroclor-1232	U	6.6	1.0	17	21	6.6
53469-21-9	Aroclor-1242	U	8.4	1.0	17	21	8.4
12672-29-6	Aroclor-1248	U	10	1.0	17	21	10
11097-69-1	Aroclor-1254	U	5.9	1.0	17	21	5.9
11096-82-5	Aroclor-1260	U	11	1.0	17	21	11
877-09-8	Tetrachloro-m-xylene		96%				
2051-24-3	Decachlorobiphenyl		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 82.2

Lab ID: WU3200-9
Client ID: KWFCSB-MW11-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	13	1.0	17	21	13
11104-28-2	Aroclor-1221	U	10	1.0	17	21	10
11141-16-5	Aroclor-1232	U	6.4	1.0	17	21	6.4
53469-21-9	Aroclor-1242	U	8.2	1.0	17	21	8.2
12672-29-6	Aroclor-1248	U	10	1.0	17	21	10
11097-69-1	Aroclor-1254	U	5.7	1.0	17	21	5.7
11096-82-5	Aroclor-1260	U	10	1.0	17	21	10
877-09-8	Tetrachloro-m-xylene		77%				
2051-24-3	Decachlorobiphenyl		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 83.2

Lab ID: WU3200-10
Client ID: KWFCSB-MW11-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	13	1.0	17	20	13
11104-28-2	Aroclor-1221	U	9.8	1.0	17	20	9.8
11141-16-5	Aroclor-1232	U	6.3	1.0	17	20	6.3
53469-21-9	Aroclor-1242	U	8.1	1.0	17	20	8.1
12672-29-6	Aroclor-1248	U	9.9	1.0	17	20	9.9
11097-69-1	Aroclor-1254	U	5.6	1.0	17	20	5.6
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		88%				
2051-24-3	Decachlorobiphenyl		69%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.8

Lab ID: WU3200-11
Client ID: KWFCSB-MW12-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.5	1.0	17	20	9.5
11141-16-5	Aroclor-1232	U	6.2	1.0	17	20	6.2
53469-21-9	Aroclor-1242	U	7.8	1.0	17	20	7.8
12672-29-6	Aroclor-1248	U	9.6	1.0	17	20	9.6
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		72%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/22/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
%.Solids: 84.2

Lab ID: WU3200-12
Client ID: KWFCSB-MW12-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.7	1.0	17	20	9.7
11141-16-5	Aroclor-1232	U	6.3	1.0	17	20	6.3
53469-21-9	Aroclor-1242	U	8.0	1.0	17	20	8.0
12672-29-6	Aroclor-1248	U	9.8	1.0	17	20	9.8
11097-69-1	Aroclor-1254	U	5.6	1.0	17	20	5.6
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		68%				
2051-24-3	Decachlorobiphenyl		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 88.3

Lab ID: WU3200-14
Client ID: KWFCSB-SS01-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	19	12
11104-28-2	Aroclor-1221	U	9.3	1.0	17	19	9.3
11141-16-5	Aroclor-1232	U	6.0	1.0	17	19	6.0
53469-21-9	Aroclor-1242	U	7.6	1.0	17	19	7.6
12672-29-6	Aroclor-1248	U	9.4	1.0	17	19	9.4
11097-69-1	Aroclor-1254	U	5.3	1.0	17	19	5.3
11096-82-5	Aroclor-1260	U	9.7	1.0	17	19	9.7
877-09-8	Tetrachloro-m-xylene		64%				
2051-24-3	Decachlorobiphenyl		70%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 85.9

Lab ID: WU3200-15
Client ID: KWFCSB-SS01-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.5	1.0	17	20	9.5
11141-16-5	Aroclor-1232	U	6.1	1.0	17	20	6.1
53469-21-9	Aroclor-1242	U	7.8	1.0	17	20	7.8
12672-29-6	Aroclor-1248	U	9.6	1.0	17	20	9.6
11097-69-1	Aroclor-1254	U	5.5	1.0	17	20	5.5
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		65%				
2051-24-3	Decachlorobiphenyl		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 88.6

Lab ID: WU3200-16
Client ID: KWFCSB-SS02-02-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	19	12
11104-28-2	Aroclor-1221	U	19	1.0	17	19	9.2
11141-16-5	Aroclor-1232	U	6.0	1.0	17	19	6.0
53469-21-9	Aroclor-1242	U	7.6	1.0	17	19	7.6
12672-29-6	Aroclor-1248	U	9.3	1.0	17	19	9.3
11097-69-1	Aroclor-1254	U	19	1.0	17	19	5.3
11096-82-5	Aroclor-1260	U	9.7	1.0	17	19	9.7
877-09-8	Tetrachloro-m-xylene		63%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/23/04
Received Date: 09/24/04
Extraction Date: 09/27/04
Analysis Date: 10/13/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 84.3

Lab ID: WU3200-17
Client ID: KWFCSB-SS02-04-0904
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.7	1.0	17	20	9.7
11141-16-5	Aroclor-1232	U	6.3	1.0	17	20	6.3
53469-21-9	Aroclor-1242	U	8.0	1.0	17	20	8.0
12672-29-6	Aroclor-1248	U	9.8	1.0	17	20	9.8
11097-69-1	Aroclor-1254	U	5.6	1.0	17	20	5.6
11096-82-5	Aroclor-1260	U	10	1.0	17	20	10
877-09-8	Tetrachloro-m-xylene		46%				
2051-24-3	Decachlorobiphenyl		86%				

APPENDIX C

SUPPORT DOCUMENTATION

HOLDTIME

SDG WU3200

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
TS	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
OS	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	%	KWFCSB-SS01-04-0904R	WU3200-15RA	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	%	KWFCSB-SS01-02-0904R	WU3200-14RA	NM	09/23/2004	09/30/2004	10/27/2004	7	27	34
OS	%	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	%	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OS	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OS	%	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OS	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-SS01-02-0904R	WU3200-14RA	NM	09/23/2004	09/30/2004	10/27/2004	7	27	34

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/KG	KWFCSB-SS01-04-0904R	WU3200-15RA	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	UG/KG	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	UG/KG	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/30/2004	10/26/2004	7	26	33
OS	UG/KG	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OS	UG/KG	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OS	UG/KG	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	UG/KG	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/30/2004	10/26/2004	8	26	34
OV	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5
OV	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW12-04-0904	WU3200-12RA	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5
OV	%	KWFCSB-MW07-02-0904	WU3200-1RA	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	%	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	%	KWFCSB-MW12-02-0904	WU3200-11RA	NM	09/22/2004	10/21/2004	10/21/2004	29	0	29
OV	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	%	KWFCSB-MW07-04-0904	WU3200-2DL	NM	09/22/2004	09/30/2004	09/30/2004	8	0	8
OV	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW12-02-0904	WU3200-11RA	NM	09/22/2004	10/21/2004	10/21/2004	29	0	29
OV	UG/KG	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/KG	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	UG/KG	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	UG/KG	KWFCSB-MW12-04-0904	WU3200-12RA	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5
OV	UG/KG	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW07-04-0904	WU3200-2DL	NM	09/22/2004	09/30/2004	09/30/2004	8	0	8
OV	UG/KG	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	09/27/2004	4	0	4
OV	UG/KG	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW07-02-0904	WU3200-1RA	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5
OV	UG/KG	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	09/27/2004	5	0	5
OV	UG/KG	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
OV	UG/KG	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/24/2004	09/24/2004	2	0	2
PCB	%	KWFCSB-MW10-02-0904	WU3200-7SC	NM	09/22/2004	09/27/2004	10/18/2004	5	21	26
PCB	%	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	%	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW08-02-0904	WU3200-3RA	NM	09/22/2004	09/27/2004	10/15/2004	5	18	23
PCB	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	10/12/2004	5	15	20
PCB	%	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	10/12/2004	5	15	20
PCB	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/KG	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	UG/KG	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	UG/KG	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	UG/KG	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	10/13/2004	4	16	20
PCB	UG/KG	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW10-02-0904	WU3200-7SC	NM	09/22/2004	09/27/2004	10/18/2004	5	21	26
PCB	UG/KG	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW08-02-0904	WU3200-3RA	NM	09/22/2004	09/27/2004	10/15/2004	5	18	23
PCB	UG/KG	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	10/12/2004	5	15	20
PCB	UG/KG	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	10/13/2004	5	16	21
PCB	UG/KG	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	10/12/2004	5	15	20
PEST	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	%	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	%	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	UG/KG	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	UG/KG	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/KG	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	UG/KG	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	10/08/2004	4	11	15
PEST	UG/KG	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16
PEST	UG/KG	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	10/08/2004	5	11	16

FIELD DUPLICATE PRECISION

ANALYTE	KWFCSB-MW07-04-0904	QUAL	KWFCSB-DUP-00-0904	QUAL	RPD	DIFFERENCE
Chloroform	1	J	16	U	176.47	15
Bromomethane	2	U	40	J	180.95	38
Methyl Iodide	2	U	64	J	187.88	62

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 351 NAS KEY WEST
TASK ORDER MANAGER: CHARLES BRYAN
WU3200

Sample Receipt

The following samples were received on September 24, 2004 and were logged in under Katahdin Analytical Services work order number WU3200 for a hardcopy due date of October 20, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU3200-1	KWFCSB-MW07-02-0904
WU3200-2	KWFCSB-MW07-04-0904
WU3200-3	KWFCSB-MW08-02-0904
WU3200-4	KWFCSB-MW08-04-0904
WU3200-5	KWFCSB-MW09-02-0904
WU3200-6	KWFCSB-MW09-04-0904
WU3200-7	KWFCSB-MW10-02-0904
WU3200-8	KWFCSB-MW10-04-0904
WU3200-9	KWFCSB-MW11-02-0904
WU3200-10	KWFCSB-MW11-04-0904
WU3200-11	KWFCSB-MW12-02-0904
WU3200-12	KWFCSB-MW12-04-0904
WU3200-13	KWFCSB-DUP-00-0904
WU3200-14	KWFCSB-SS01-02-0904
WU3200-15	KWFCSB-SS01-04-0904
WU3200-16	KWFCSB-SS02-02-0904
WU3200-17	KWFCSB-SS02-04-0904

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of Work Order WU3200 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The low concentration analysis of sample WU3200-2 had low responses for one or more internal standards that resulted in %D's which were outside the laboratory acceptance limit of -50% to +100% of the response of the internal standard of the daily calibration verification standard. The sample was not reanalyzed as a low concentration sample because the other aliquots of the sample were not preserved properly with water. The sample was reanalyzed as a high concentration sample with acceptable responses for all internal standards. The results from both analyses are included in the report.

Sample WU3200-11 had a recovery for one surrogate, p-Bromofluorobenzene, that was slightly low and outside of the laboratory established acceptance limits. The sample was reanalyzed but out of hold time due to analyst oversight. The recoveries for all of the surrogates were acceptable in the reanalysis, and both analyses are reported.

8081 Analysis

Sample WU3200-17 had low recoveries for the surrogate TCX on both channels, which were outside of the laboratory established acceptance limits. Since the recoveries for DCB were within the acceptance limits, the sample was not reextracted.

The opening CV (file 8UJ2097) had a low response for alpha-BHC on channel B, resulting in a %D that was outside of the method acceptance limits of 15%. Since this analyte was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (file 8UJ1119) had a high response for gamma-BHC on channel A, resulting in a %D that was outside of the method acceptance limits of 15%. Since this analyte was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes in the LCS are outside of the QC limits.

8082 Analysis

Sample WU3200-17 had a low recovery for the surrogate TCX on channel A, which was outside of the laboratory established acceptance limits. Since the recoveries for DCB were within the acceptance limits, the sample was not reanalyzed.

The method blanks WG10265-1 and WG10265-1SC had high recoveries for the surrogate TCX on one or both channels, which were outside of the laboratory established acceptance limits. Since a high recovery would indicate a high bias and no target analytes were detected in the method blanks above the PQL and the recoveries for DCB were within the acceptance limits, the samples were not reanalyzed.

The opening calibration verification standard (CV) (files 6UJ1109 and 6UJ2109) had high responses for Aroclor 1260 and DCB on both channels, which resulted in %D's that were outside of the method acceptance limits of 15%. Since a high response would indicate a high bias and no target analytes were detected in the associated samples above the PQL, the samples were not reanalyzed.

The closing CV (files 6UJ1130 and 6UJ2130) had high responses for Aroclor 1260 and DCB on both channels, as well as Aroclor 1016 on channel B. These responses resulted in %D's that were outside of the method acceptance limits of 15%. Since a high response would indicate a high bias and no target analytes were detected in the associated samples above the PQL, the samples were not reanalyzed.

The Form 7 for the CV's (files 6UJ1021, 6UJ2021, 6UJ1109, 6UJ2109, 6UJ1184, 6UJ2184, 6UJ1233, and 6UJ2233) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. The %D's are actually correct and should not be flagged, but due to software limitations the flagging could not be removed.

8270C Appendix IX Analysis

The laboratory method blank WG10390-1, samples WU3200-1, 2, 3, 4, 5, 6, 7, 11, 13, 14RA, 15RA, 16 and 17 had high recoveries for one or more surrogates, which were outside the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL, the samples were not reanalyzed.

The laboratory control sample (LCS) WG10390-2 and the laboratory control sample duplicate (LCSD) WG10390-3 had high recoveries for three or more surrogates, which were outside the laboratory established acceptance limits. Since the recoveries of the spiked analytes were acceptable, the samples were not reanalyzed.

The initial calibration analyzed on 10/25/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. There were also thirteen analytes that failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model.

Since these target analytes were not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The initial calibration analyzed on 10/26/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. There were also twenty target analytes and one surrogate that failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model. Since these target analytes were not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The target analyte Hexachlorophene cannot be calibrated by method 8270C because it is unstable in the calibration standard. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples for this analyte is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of Hexachlorophene. This analyte was not detected in the samples.

The target analyte kepone could not be calibrated by method 8270C because of the low responses in the calibration standards. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of kepone. This analyte was not detected in any of these samples.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin Work Order WU3200 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WU3200-(1-17) were originally digested for ICP analysis on 10/01/04 (QC Batch UJ01ICS0) in accordance with USEPA Method 3050B. The measured calcium (0.08075 mg/L, corresponding to a dry-weight concentration of 8.075 mg/kg) and lead (0.016 mg/L, corresponding to a dry-weight concentration of 1.6 mg/kg) concentrations of the preparation blank in this batch are greater than the laboratory's acceptance limits. The measured calcium concentrations of all associated samples are more than ten times that of the preparation blank; therefore, no corrective action has been taken for calcium. However, all of the samples in Katahdin Work Order WU3200 were redigested for lead analysis on 10/08/04 (QC Batch UJ08ICS0). Katahdin Sample No. WU3200-1 was prepared with duplicate matrix-spiked aliquots. Redigestates are identified throughout the raw data by the suffixes "R" or "X" appended to the Katahdin sample number, e.g. "WU3200-001R". These redigestates

were successfully analyzed for lead. For convenience, results for other analytes were also taken from these redigestates.

ICP analyses of Work Order WU3200 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for analytical run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Solid-matrix Katahdin Sample Nos. WU3200-(1-17) were digested for mercury analysis on 10/01/04 (QC Batch UJ01HGS0) in accordance with USEPA Method 7471A. Katahdin Sample No. WU3200-17 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of Katahdin Work Order WU3200 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The recoveries for all analytes in the matrix-spike aliquots of Katahdin Sample Nos. WU3200-(1 and 17) are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analyses of Katahdin Sample Nos. WU3200-(1 and 17) are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all analytes.

The serial dilution analysis of Katahdin Sample No. WU3200-1 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all analytes.

Wet Chemistry Analysis

The samples of Work Order WU3200 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW ILM04.0.

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limit (MDL). These levels are indicated in the result field of the analytical report. For hits that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL), a "J" flag has been used.

All analyses were performed within analytical hold time. All quality control criteria were met.

No deviations were noted by the Wet Chemistry group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Maria Crouch
10.28.04
Maria Crouch
Quality Assurance Officer

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3838 WY3200 PAGE 1 OF 1

7,8

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	FLYING CLUB	CHUCK BRYAN	(305) 360-1548	ANDREA COLBY-KATAHDIN
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 8425 8908 9034		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G G G

PRESERVATIVE USED: - - -

TYPE OF ANALYSIS: VOC-8260B, SVOC 8270C, PESTICIDES/PCB's, TAL METALS + SN

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOC-8260B	SVOC 8270C	PESTICIDES/PCB's	TAL METALS + SN					COMMENTS
9/22	9:45	KWFCSB-MW07-02-0904	MW07	0	2	SO	G	6	X	X	X	X					
	10:00	KWFCSB-MW07-04-0904	MW07	2	4				X	X	X	X					
	11:15	KWFCSB-MW08-02-0904	MW08	0	2				X	X	X	X					
	11:40	KWFCSB-MW08-04-0904	MW08	2	4				X	X	X	X					
	13:10	KWFCSB-MW09-02-0904	MW09	0	2				X	X	X	X					
	13:30	KWFCSB-MW09-04-0904	MW09	2	4				X	X	X	X					
	14:50	KWFCSB-MW10-02-0904	MW10	0	2				X	X	X	X					
	15:00	KWFCSB-MW10-04-0904	MW10	2	4				X	X	X	X					
	15:40	KWFCSB-MW11-02-0904	MW11	0	2				X	X	X	X					
	15:50	KWFCSB-MW11-04-0904	MW11	2	4				X	X	X	X					
	16:15	KWFCSB-MW12-02-0904	MW12	0	2				X	X	X	X					
	16:30	KWFCSB-MW12-04-0904	MW12	2	4				X	X	X	X					
		KWFESB-DUP-00-0904							X	X	X	X					

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Braganza	9/23/04		1. RECEIVED BY [signature]	9/24/04	0855
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

0100000

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3837 cm32240 PAGE 2 OF 2

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	FLYING KLUB	CHUCK BRYAN	(305) 360-1548	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Bragança		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FED EX / 842589089034		WEST BROOK, ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOC's	SVOC's	PESTICIDES / PCB's	TAL METALS + SN	VOC's - TCLP	SVOC's - TCLP	PESTICIDES / PCB - TCLP	TAL METAL + SN - TCLP	COMMENTS
9/23		KWFCSB-SS01-02-0904	SS01	0	2	SO	G	6	X	X	X	X					
		KWFCSB-SS01-04-0904	SS01	2	4				X	X	X	X					
		KWFCSB-SS02-02-0904	SS02	0	2				X	X	X	X					
		KWFCSB-SS02-04-0904	SS02	2	4				X	X	X	X					
		KWFCSB-DRUM-00-0904		-	-		C						X	X	X	X	

1. RELINQUISHED BY Gary Bragança	DATE 9/23/04	TIME	1. RECEIVED BY David Fer	DATE 9/24/04	TIME 0835
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME
COMMENTS					

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

11000 00

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10260-2
Client ID: WG10260-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.9	1.0	5	5	0.9
75-69-4	Trichlorofluoromethane	U	0.9	1.0	5	5	0.9
75-35-4	1,1-Dichloroethene	U	0.9	1.0	5	5	0.9
75-15-0	Carbon Disulfide	U	0.7	1.0	5	5	0.7
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	20	1.0	25	25	20
75-09-2	Methylene Chloride	J	8	1.0	5	5	1
67-64-1	Acetone	U	13	1.0	25	25	13
78-83-1	Isobutyl Alcohol	U	14	1.0	100	100	14
156-60-5	trans-1,2-Dichloroethene	U	0.9	1.0	5	5	0.9
107-05-1	Allyl Chloride	U	2	1.0	5	5	2
75-05-8	Acetonitrile	U	22	1.0	50	50	22
126-99-8	Chloroprene	U	0.8	1.0	5	5	0.8
126-98-7	Methacrylonitrile	U	10	1.0	50	50	10
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
80-62-6	Methyl Methacrylate	U	1.0	1.0	5	5	1.0
67-66-3	Chloroform	U	0.6	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.7	1.0	5	5	0.7
78-93-3	2-Butanone	U	8	1.0	25	25	8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1	1.0	5	5	1
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	5	0.5
123-91-1	1,4-Dioxane	U	44	1.0	100	100	44
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	1.0	1.0	5	5	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.9	1.0	5	5	0.9
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	5	0.5
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/24/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10260-2
Client ID: WG10260-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10260
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	9	1.0	25	25	9
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.8	1.0	5	5	0.8
100-42-5	Styrene	U	0.7	1.0	5	5	0.7
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.9	1.0	5	5	0.9
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	0.9	1.0	5	5	0.9
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.9	1.0	5	5	0.9
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		98%				
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10261-2
Client ID: WG10261-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.9	1.0	5	5	0.9
75-69-4	Trichlorofluoromethane	U	0.9	1.0	5	5	0.9
75-35-4	1,1-Dichloroethene	U	0.9	1.0	5	5	0.9
75-15-0	Carbon Disulfide	U	0.7	1.0	5	5	0.7
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	20	1.0	25	25	20
75-09-2	Methylene Chloride	J	6	1.0	5	5	1
67-64-1	Acetone	U	13	1.0	25	25	13
78-83-1	Isobutyl Alcohol	U	14	1.0	100	100	14
156-60-5	trans-1,2-Dichloroethene	U	0.9	1.0	5	5	0.9
107-05-1	Allyl Chloride	U	2	1.0	5	5	2
75-05-8	Acetonitrile	U	22	1.0	50	50	22
126-99-8	Chloroprene	U	0.8	1.0	5	5	0.8
126-98-7	Methacrylonitrile	U	10	1.0	50	50	10
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
80-62-6	Methyl Methacrylate	U	1.0	1.0	5	5	1.0
67-66-3	Chloroform	U	0.6	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.7	1.0	5	5	0.7
78-93-3	2-Butanone	U	8	1.0	25	25	8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1	1.0	5	5	1
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	5	0.5
123-91-1	1,4-Dioxane	U	44	1.0	100	100	44
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	1.0	1.0	5	5	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.9	1.0	5	5	0.9
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	5	0.5
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/27/04
Report Date: 10/19/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10261-2
Client ID: WG10261-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10261
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	9	1.0	25	25	9
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.8	1.0	5	5	0.8
100-42-5	Styrene	U	0.7	1.0	5	5	0.7
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.9	1.0	5	5	0.9
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	0.9	1.0	5	5	0.9
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.9	1.0	5	5	0.9
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		115%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/21/04
Report Date: 10/22/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG11048-2
Client ID: WG11048-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG11048
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	1	1.0	5	5	1
74-87-3	Chloromethane	U	2	1.0	5	5	2
75-01-4	Vinyl chloride	U	1	1.0	5	5	1
74-83-9	Bromomethane	U	1	1.0	5	5	1
75-00-3	Chloroethane	U	0.9	1.0	5	5	0.9
75-69-4	Trichlorofluoromethane	U	0.9	1.0	5	5	0.9
75-35-4	1,1-Dichloroethene	U	0.9	1.0	5	5	0.9
75-15-0	Carbon Disulfide	U	0.7	1.0	5	5	0.7
74-88-4	Iodomethane	U	2	1.0	5	5	2
107-02-8	Acrolein	U	20	1.0	25	25	20
75-09-2	Methylene Chloride	I	2	1.0	5	5	1
67-64-1	Acetone	U	13	1.0	25	25	13
78-83-1	Isobutyl Alcohol	U	14	1.0	100	100	14
156-60-5	trans-1,2-Dichloroethene	U	0.9	1.0	5	5	0.9
107-05-1	Allyl Chloride	U	2	1.0	5	5	2
75-05-8	Acetonitrile	U	22	1.0	50	50	22
126-99-8	Chloroprene	U	0.8	1.0	5	5	0.8
126-98-7	Methacrylonitrile	U	10	1.0	50	50	10
107-12-0	Propionitrile	U	7	1.0	50	50	7
75-34-3	1,1-Dichloroethane	U	0.6	1.0	5	5	0.6
107-13-1	Acrylonitrile	U	4	1.0	25	25	4
108-05-4	Vinyl Acetate	U	2	1.0	5	5	2
156-59-2	cis-1,2-Dichloroethene	U	0.7	1.0	5	5	0.7
80-62-6	Methyl Methacrylate	U	1.0	1.0	5	5	1.0
67-66-3	Chloroform	U	0.6	1.0	5	5	0.6
56-23-5	Carbon Tetrachloride	U	1	1.0	5	5	1
71-55-6	1,1,1-Trichloroethane	U	0.7	1.0	5	5	0.7
78-93-3	2-Butanone	U	8	1.0	25	25	8
71-43-2	Benzene	U	0.7	1.0	5	5	0.7
97-63-2	Ethyl Methacrylate	U	2	1.0	5	5	2
107-06-2	1,2-Dichloroethane	U	0.7	1.0	5	5	0.7
79-01-6	Trichloroethene	U	0.6	1.0	5	5	0.6
74-95-3	Dibromomethane	U	1	1.0	5	5	1
78-87-5	1,2-Dichloropropane	U	0.7	1.0	5	5	0.7
75-27-4	Bromodichloromethane	U	0.6	1.0	5	5	0.6
10061-01-5	cis-1,3-dichloropropene	U	0.5	1.0	5	5	0.5
123-91-1	1,4-Dioxane	U	44	1.0	100	100	44
108-88-3	Toluene	U	0.6	1.0	5	5	0.6
108-10-1	4-methyl-2-pentanone	U	4	1.0	25	25	4
127-18-4	Tetrachloroethene	U	1.0	1.0	5	5	1.0
10061-02-6	trans-1,3-Dichloropropene	U	0.9	1.0	5	5	0.9
79-00-5	1,1,2-Trichloroethane	U	0.5	1.0	5	5	0.5
124-48-1	Dibromochloromethane	U	0.5	1.0	5	5	0.5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/21/04
Report Date: 10/22/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG11048-2
Client ID: WG11048-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5035
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG11048
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.5	1.0	5	5	0.5
591-78-6	2-Hexanone	U	9	1.0	25	25	9
108-90-7	Chlorobenzene	U	0.6	1.0	5	5	0.6
100-41-4	Ethylbenzene	U	0.6	1.0	5	5	0.6
630-20-6	1,1,1,2-Tetrachloroethane	U	0.5	1.0	5	5	0.5
1330-20-7	Xylenes (total)	U	2	1.0	15	15	2
	m+p-Xylenes	U	1	1.0	10	10	1
95-47-6	o-Xylene	U	0.8	1.0	5	5	0.8
100-42-5	Styrene	U	0.7	1.0	5	5	0.7
75-25-2	Bromoform	U	0.6	1.0	5	5	0.6
110-57-6	trans-1,4-Dichloro-2-Butene	U	2	1.0	10	10	2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.6	1.0	5	5	0.6
96-18-4	1,2,3-Trichloropropane	U	2	1.0	5	5	2
76-01-1	Pentachloroethane	U	2	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	0.9	1.0	5	5	0.9
106-46-7	1,4-Dichlorobenzene	U	2	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	0.9	1.0	5	5	0.9
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.9	1.0	5	5	0.9
120-82-1	1,2,4-Trichlorobenzene	U	2	1.0	5	5	2
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		108%				

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG10260-LCS	WG10260-1	106	103	107	113	0
02	WG10260-BLANK	WG10260-2	103	104	98	95	0
03	KWFCSB-MW07-04-0904	WU3200-2	78	110	59	69	0
04	KWFCSB-MW08-02-0904	WU3200-3	104	106	97	74	0
05	KWFCSB-MW08-04-0904	WU3200-4	102	106	99	98	0
06	KWFCSB-MW09-02-0904	WU3200-5	100	106	97	92	0
07	KWFCSB-MW09-04-0904	WU3200-6	106	111	102	97	0
08	KWFCSB-MW10-02-0904	WU3200-7	76	78	69	43	0
09	KWFCSB-MW10-04-0904	WU3200-8	98	99	93	87	0
10	KWFCSB-MW11-02-0904	WU3200-9	106	111	100	98	0
11	KWFCSB-MW11-04-0904	WU3200-10	87	93	72	82	0
12	KWFCSB-MW12-02-0904	WU3200-11	72	78	54	36J	1
13	WG10261-LCS	WG10261-1	107	103	105	111	0
14	WG10261-BLANK	WG10261-2	111	115	108	110	0
15	KWFCSB-MW07-02-0904	WU3200-1RA	101	104	100	92	0
16	KWFCSB-MW12-04-0904	WU3200-12RA	106	111	107	103	0
17	KWFCSB-DUP-00-0904	WU3200-13	105	114	103	100	0
18	KWFCSB-SS01-02-0904	WU3200-14	100	113	90	79	0
19	KWFCSB-SS02-04-0904	WU3200-17	96	101	91	81	0
20	KWFCSB-SS01-04-0904	WU3200-15	57	106	95	86	0
21	KWFCSB-SS02-02-0904	WU3200-16	88	110	92	78	0
22	WG11048-LCS	WG11048-1	103	99	107	105	0
23	WG11048-BLANK	WG11048-2	107	106	108	108	0
24	KWFCSB-MW12-02-0904	WU3200-11RA	88	91	89	72	0
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(49-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(61-120)
SMC3 (TOL)	= Toluene-D8	(50-126)
SMC4 (BFB)	= P-Bromofluorobenzene	(38-131)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Level:(low/med) MED

Not used

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	KWFCSB-MW07-04-0904	WU3200-2DL	104	87	116	113	0
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(49-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(61-120)
SMC3 (TOL)	= Toluene-D8	(50-126)
SMC4 (BFB)	= P-Bromofluorobenzene	(38-131)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG10373-LCS	WG10373-1	98	82	114	114	0
02	WG10373-BLANK	WG10373-2	103	88	115	119	0
03							
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		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10260-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID: S2857 Lab Sample ID: WG10260-2

Date Analyzed: 09/24/04 Time Analyzed: 1359

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10260-LCS	WG10260-1	S2856	09/24/04	1305
02	KWFCSB-MW07-04-0904	WU3200-2	S2859	09/24/04	1534
03	KWFCSB-MW08-02-0904	WU3200-3	S2860	09/24/04	1612
04	KWFCSB-MW08-04-0904	WU3200-4	S2861	09/24/04	1650
05	KWFCSB-MW09-02-0904	WU3200-5	S2862	09/24/04	1728
06	KWFCSB-MW09-04-0904	WU3200-6	S2863	09/24/04	1806
07	KWFCSB-MW10-02-0904	WU3200-7	S2864	09/24/04	1844
08	KWFCSB-MW10-04-0904	WU3200-8	S2865	09/24/04	1922
09	KWFCSB-MW11-02-0904	WU3200-9	S2866	09/24/04	2001
10	KWFCSB-MW11-04-0904	WU3200-10	S2867	09/24/04	2039
11	KWFCSB-MW12-02-0904	WU3200-11	S2868	09/24/04	2117
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10261-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: S2873 Lab Sample ID: WG10261-2

Date Analyzed: 09/27/04 Time Analyzed: 1119

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10261-LCS	WG10261-1	S2872	09/27/04	1017
02	KWFCSB-MW07-02-0904	WU3200-1RA	S2874	09/27/04	1230
03	KWFCSB-MW12-04-0904	WU3200-12RA	S2875	09/27/04	1338
04	KWFCSB-DUP-00-0904	WU3200-13	S2876	09/27/04	1417
05	KWFCSB-SS01-02-0904	WU3200-14	S2877	09/27/04	1455
06	KWFCSB-SS02-04-0904	WU3200-17	S2878	09/27/04	1533
07	KWFCSB-SS01-04-0904	WU3200-15	S2879	09/27/04	1611
08	KWFCSB-SS02-02-0904	WU3200-16	S2880	09/27/04	1649
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COMMENTS:

FORM IV VOA

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10373-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: Z3491 Lab Sample ID: WG10373-2

Date Analyzed: 09/30/04 Time Analyzed: 1039

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Not used

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10373-LCS	WG10373-1	Z3489	09/30/04	0921
02	KWFCSB-MW07-04-0904	WU3200-2DL	Z3499	09/30/04	1550
03					
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COMMENTS:

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG11048-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: F5967 Lab Sample ID: WG11048-2

Date Analyzed: 10/21/04 Time Analyzed: 1057

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

Instrument ID: GCMS-F

Not used

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG11048-LCS	WG11048-1	F5965	10/21/04	0936
02	KWFCSB-MW12-02-0904	WU3200-11RA	F5968	10/21/04	1200
03					
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COMMENTS:

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID: SB767 BFB Injection Date: 09/21/04

Instrument ID: GCMS-S BFB Injection Time: 1214

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.2
75	30.0 - 60.0% of mass 95	50.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	57.5
175	5.0 - 9.0% of mass 174	5.1 (8.9)1
176	95.0 - 101.0% of mass 174	56.1 (97.5)1
177	5.0 - 9.0% of mass 176	4.2 (7.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S21B	S2826	09/21/04	1634
02		VSTD020S21B	S2827	09/21/04	1712
03		VSTD010S21B	S2828	09/21/04	1750
04		VSTD005S21B	S2829	09/21/04	1829
05		VSTD200S21B	S2830	09/21/04	1907
06		VSTD100S21B	S2831	09/21/04	1945
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FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date(s): 09/21/04 09/21/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1243 1945

LAB FILE ID: RF5: S2829 RF10: S2828 RF20: S2827
RF50: S2826 RF100: S2831 RF200: S2830

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Dichlorodifluoromethane	0.614	0.564	0.582	0.626	0.548	0.532	AVRG		0.57779134		6.438	15.000	
Chloromethane	0.840	0.657	0.705	0.808	0.696	0.687	AVRG		0.73208094		10.062	15.000	
Vinyl chloride	0.989	0.868	0.932	0.979	0.868	0.831	AVRG		0.91127858		7.167	15.000	
Bromomethane	2320	5321	15398	48980	109690	190590	LINR	1.797e-002	3.49617967		0.99811	0.99000	
Chloroethane	0.607	0.526	0.570	0.585	0.488	0.488	AVRG		0.54405313		9.325	15.000	
Trichlorofluoromethane	0.787	0.752	0.871	0.975	0.828	0.821	AVRG		0.83893524		9.290	15.000	
1,1-Dichloroethene	0.646	0.598	0.673	0.692	0.605	0.588	AVRG		0.63383314		6.811	15.000	
Carbon Disulfide	2.157	1.851	2.122	2.118	1.877	1.864	AVRG		1.99828967		7.392	15.000	
Iodomethane	1831	4894	17197	52685	90243	123890	2ORDR	0.10136777	1.02365572	5.91574189	0.99770	0.99000	
Acrolein	0.240	0.218	0.229	0.243	0.224	0.222	AVRG		0.22936911		4.447	15.000	
Methylene Chloride	34291	42808	72888	173010	284010	509950	LINR	-0.1958871	1.37770773		0.99040	0.99000	
Acetone	5154	8410	17420	43593	80543	166990	LINR	-0.1119763	20.7956048		0.99552	0.99000	
Isobutyl Alcohol	0.042	0.047	0.048	0.039	0.039	0.036	AVRG		4.182e-002		11.168	15.000	
trans-1,2-Dichloroethene	0.676	0.656	0.654	0.695	0.661	0.651	AVRG		0.66543527		2.517	15.000	
Allyl Chloride	0.707	0.869	0.989	1.080	0.977	0.962	AVRG		0.93066029		13.796	15.000	
Acetonitrile	0.024	0.020	0.019	0.018	0.017	0.019	AVRG		1.951e-002		11.194	15.000	
Chloroprene	0.997	1.134	1.180	0.987	1.092	1.033	AVRG		1.07052135		7.242	15.000	
Methacrylonitrile	0.452	0.506	0.537	0.441	0.467	0.524	AVRG		0.48763643		8.166	15.000	
Propionitrile	0.081	0.089	0.093	0.088	0.085	0.096	AVRG		8.885e-002		6.120	15.000	
1,1-Dichloroethane	1.450	1.273	1.389	1.455	1.325	1.328	AVRG		1.37015167		5.382	15.000	
Acrylonitrile	0.036	0.036	0.041	0.033	0.045	0.048	AVRG		3.981e-002		14.379	15.000	
Vinyl Acetate	21706	35559	70388	160850	312640	639260	LINR	-2.47e-002	2.05397237		0.99686	0.99000	
cis-1,2-Dichloroethene	0.786	0.698	0.730	0.761	0.726	0.736	AVRG		0.73963219		4.110	15.000	
Methyl Methacrylate	0.325	0.379	0.394	0.370	0.365	0.414	AVRG		0.37446625		8.060	15.000	
Chloroform	1.380	1.160	1.253	1.243	1.193	1.225	AVRG		1.24225359		6.091	15.000	
Carbon Tetrachloride	0.244	0.260	0.269	0.266	0.242	0.191	AVRG		0.24547219		11.845	15.000	
1,1,1-Trichloroethane	0.914	0.799	0.857	0.890	0.825	0.829	AVRG		0.85235743		5.073	15.000	
2-Butanone	0.073	0.064	0.073	0.070	0.064	0.069	AVRG		6.886e-002		5.941	15.000	
Benzene	1.574	1.367	1.440	1.511	1.481	1.520	AVRG		1.48235157		4.844	15.000	
Ethyl Methacrylate	0.365	0.396	0.435	0.431	0.430	0.492	AVRG		0.42468572		10.012	15.000	
1,2-Dichloroethane	0.504	0.434	0.459	0.476	0.428	0.444	AVRG		0.45757480		6.228	15.000	
Trichloroethene	0.468	0.394	0.394	0.423	0.397	0.408	AVRG		0.41408202		6.912	15.000	
Dibromomethane	0.187	0.174	0.179	0.180	0.148	0.148	AVRG		0.16931136		10.011	15.000	
1,2-Dichloropropane	0.421	0.373	0.403	0.415	0.391	0.411	AVRG		0.40243671		4.402	15.000	
Bromodichloromethane	0.463	0.409	0.436	0.470	0.416	0.406	AVRG		0.43325179		6.404	15.000	
cis-1,3-dichloropropene	0.418	0.406	0.425	0.472	0.467	0.473	AVRG		0.44357575		6.819	15.000	
1,4-Dioxane	0.002	0.002	0.003	0.003	0.003	0.003	AVRG		2.764e-003		9.262	15.000	<
Toluene	0.854	0.768	0.824	0.876	0.873	0.901	AVRG		0.84938759		5.573	15.000	
4-methyl-2-pentanone	0.438	0.387	0.432	0.435	0.388	0.436	AVRG		0.41934750		5.916	15.000	
Tetrachloroethene	0.281	0.235	0.257	0.279	0.286	0.291	AVRG		0.27149609		7.836	15.000	
trans-1,3-Dichloropropene	0.353	0.328	0.351	0.385	0.370	0.387	AVRG		0.36239679		6.236	15.000	
1,1,2-Trichloroethane	0.271	0.236	0.249	0.265	0.245	0.275	AVRG		0.25682923		6.165	15.000	
Dibromochloromethane	0.328	0.294	0.319	0.360	0.350	0.358	AVRG		0.33475629		7.828	15.000	
1,2-Dibromoethane	0.281	0.245	0.265	0.281	0.271	0.293	AVRG		0.27295078		6.059	15.000	

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date(s): 09/21/04 09/21/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1243 1945

LAB FILE ID: RF5: S2829 RF10: S2828 RF20: S2827
RF50: S2826 RF100: S2831 RF200: S2830

COMPOUND	RF5	RF10	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
2-Hexanone	0.375	0.332	0.377	0.387	0.319	0.357	AVRG		0.35780353		7.571	15.000
Chlorobenzene	1.093	0.971	0.992	1.117	1.088	1.113	AVRG		1.06232219		6.037	15.000
Ethylbenzene	2.020	1.769	1.775	2.023	1.942	1.983	AVRG		1.91865099		6.117	15.000
1,1,1,2-Tetrachloroethane	0.333	0.289	0.306	0.345	0.332	0.350	AVRG		0.32611205		7.249	15.000
Xylenes (total)							AVRG					0.000
m+p-Xylenes	0.696	0.634	0.659	0.749	0.730	0.770	AVRG		0.70641779		7.480	15.000
o-Xylene	0.674	0.602	0.630	0.723	0.675	0.703	AVRG		0.66797640		6.710	15.000
Styrene	1.104	1.051	1.096	1.261	1.148	1.227	AVRG		1.14788005		7.092	15.000
Bromoform	0.178	0.167	0.171	0.205	0.200	0.216	AVRG		0.18955798		10.579	15.000
trans-1,4-Dichloro-2-Bute	0.266	0.301	0.287	0.274	0.296	0.317	AVRG		0.29028647		6.390	15.000
1,1,2,2-Tetrachloroethane	1.148	1.005	1.036	1.082	1.007	1.065	AVRG		1.05716804		5.118	15.000
1,2,3-Trichloropropane	0.934	0.833	0.789	0.652	0.810	0.890	AVRG		0.81790347		11.887	15.000
Pentachloroethane	0.518	0.569	0.535	0.568	0.679	0.681	AVRG		0.59169467		12.018	15.000
1,3-Dichlorobenzene	1.538	1.394	1.412	1.542	1.509	1.584	AVRG		1.49678313		5.108	15.000
1,4-Dichlorobenzene	1.662	1.455	1.480	1.589	1.573	1.664	AVRG		1.57037537		5.614	15.000
1,2-Dichlorobenzene	1.478	1.304	1.315	1.448	1.409	1.468	AVRG		1.40348075		5.474	15.000
1,2-Dibromo-3-Chloropropa	0.188	0.166	0.173	0.175	0.147	0.161	AVRG		0.16848537		8.108	15.000
1,2,4-Trichlorobenzene	0.801	0.736	0.732	0.817	0.742	0.811	AVRG		0.77328886		5.243	15.000
Dibromofluoromethane	0.548	0.602	0.665	0.632	0.637	0.642	AVRG		0.62112306		6.611	15.000
1,2-Dichloroethane-D4	0.608	0.646	0.709	0.758	0.712	0.739	AVRG		0.69535459		8.192	15.000
Toluene-D8	0.980	1.094	1.158	1.193	1.194	1.240	AVRG		1.14320611		8.188	15.000
P-Bromofluorobenzene	0.372	0.405	0.448	0.459	0.432	0.476	AVRG		0.43205088		8.833	15.000

Average %RSD test result.

Calculate Average %RSD: 7.240197659
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: SB770 BFB Injection Date: 09/24/04

Instrument ID: GCMS-S BFB Injection Time: 0955

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.4
75	30.0 - 60.0% of mass 95	44.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	61.7
175	5.0 - 9.0% of mass 174	5.4 (8.8)1
176	95.0 - 101.0% of mass 174	60.1 (97.4)1
177	5.0 - 9.0% of mass 176	3.2 (5.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VST050S24A	S2855	09/24/04	1210
02	WG10260-LCS	WG10260-1	S2856	09/24/04	1305
03	WG10260-BLANK	WG10260-2	S2857	09/24/04	1359
04	KWFCSB-MW07-04-0904	WU3200-2	S2859	09/24/04	1534
05	KWFCSB-MW08-02-0904	WU3200-3	S2860	09/24/04	1612
06	KWFCSB-MW08-04-0904	WU3200-4	S2861	09/24/04	1650
07	KWFCSB-MW09-02-0904	WU3200-5	S2862	09/24/04	1728
08	KWFCSB-MW09-04-0904	WU3200-6	S2863	09/24/04	1806
09	KWFCSB-MW10-02-0904	WU3200-7	S2864	09/24/04	1844
10	KWFCSB-MW10-04-0904	WU3200-8	S2865	09/24/04	1922
11	KWFCSB-MW11-02-0904	WU3200-9	S2866	09/24/04	2001
12	KWFCSB-MW11-04-0904	WU3200-10	S2867	09/24/04	2039
13	KWFCSB-MW12-02-0904	WU3200-11	S2868	09/24/04	2117
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FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/24/04 Time: 1210

Lab File ID: S2855 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Dichlorodifluoromethane	0.5780000	0.5796500	0.5796500	0.01	0.28		AVRG
Chloromethane	0.7320000	0.6886000	0.6886000	0.1	-5.93		AVRG
Vinyl chloride	0.9110000	0.9403800	0.9403800	0.01	3.22	20.00	AVRG
Bromomethane	56.805000	50.000000	0.3198200	0.01	13.61		LINR
Chloroethane	0.5440000	0.5864400	0.5864400	0.01	7.80		AVRG
Trichlorofluoromethane	0.8390000	0.9009600	0.9009600	0.01	7.38		AVRG
1,1-Dichloroethene	0.6340000	0.6511300	0.6511300	0.1	2.70	20.00	AVRG
Carbon Disulfide	1.9980000	2.1166000	2.1166000	0.01	5.94		AVRG
Iodomethane	60.078000	50.000000	0.3533200	0.01	20.16		2RDR
Acrolein	0.2290000	0.2501400	0.2501400	0.01	9.23		AVRG
Methylene Chloride	76.326000	50.000000	1.2502000	0.01	52.65		LINR
Acetone	323.04000	250.00000	6.32e-002	0.01	29.22		LINR
Isobutyl Alcohol	4.2e-002	5.3e-002	5.3e-002	0.01	26.19		AVRG
trans-1,2-Dichloroethene	0.6660000	0.7368600	0.7368600	0.01	10.64		AVRG
Allyl Chloride	0.9310000	1.2097000	1.2097000	0.01	29.94		AVRG
Acetonitrile	2.e-002	2.14e-002	2.14e-002	0.01	7.00		AVRG
Chloroprene	1.0700000	1.3067000	1.3067000	0.01	22.12		AVRG
Methacrylonitrile	0.4880000	0.5524100	0.5524100	0.01	13.20		AVRG
Propionitrile	8.9e-002	9.48e-002	9.48e-002	0.01	6.52		AVRG
1,1-Dichloroethane	1.3700000	1.4734000	1.4734000	0.3	7.55		AVRG
Acrylonitrile	4.e-002	4.27e-002	4.27e-002	0.01	6.75		AVRG
Vinyl Acetate	63.421000	50.000000	0.6295900	0.01	26.84		LINR
cis-1,2-Dichloroethene	0.7400000	0.7370400	0.7370400	0.01	-0.40		AVRG
Methyl Methacrylate	0.3740000	0.4036600	0.4036600	0.01	7.93		AVRG
Chloroform	1.2420000	1.2974000	1.2974000	0.01	4.46	20.00	AVRG
Carbon Tetrachloride	0.2450000	0.3319300	0.3319300	0.01	35.48		AVRG
1,1,1-Trichloroethane	0.8520000	0.9584500	0.9584500	0.01	12.49		AVRG
2-Butanone	6.9e-002	7.39e-002	7.39e-002	0.01	7.10		AVRG
Benzene	1.4820000	1.5309000	1.5309000	0.01	3.30		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/24/04 Time: 1210

Lab File ID: S2855 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethyl Methacrylate	0.4250000	0.4593200	0.4593200	0.01	8.08		AVRG	
1,2-Dichloroethane	0.4580000	0.4836800	0.4836800	0.01	5.61		AVRG	
Trichloroethene	0.4140000	0.4446300	0.4446300	0.01	7.40		AVRG	
Dibromomethane	0.1690000	0.1832400	0.1832400	0.01	8.43		AVRG	
1,2-Dichloropropane	0.4020000	0.4232200	0.4232200	0.01	5.28	20.00	AVRG	
Bromodichloromethane	0.4330000	0.4836000	0.4836000	0.01	11.69		AVRG	
cis-1,3-dichloropropene	0.4440000	0.5297300	0.5297300	0.01	19.31		AVRG	
1,4-Dioxane	3.e-003	3.19e-003	3.19e-003	0.01	6.33		AVRG	<-
Toluene	0.8490000	0.8855400	0.8855400	0.01	4.30	20.00	AVRG	
4-methyl-2-pentanone	0.4190000	0.4542400	0.4542400	0.01	8.41		AVRG	
Tetrachloroethene	0.2720000	0.2736300	0.2736300	0.01	0.60		AVRG	
trans-1,3-Dichloropropene	0.3620000	0.4257300	0.4257300	0.01	17.60		AVRG	
1,1,2-Trichloroethane	0.2570000	0.2611100	0.2611100	0.01	1.60		AVRG	
Dibromochloromethane	0.3350000	0.3423900	0.3423900	0.01	2.21		AVRG	
1,2-Dibromoethane	0.2730000	0.2799000	0.2799000	0.01	2.53		AVRG	
2-Hexanone	0.3580000	0.3904400	0.3904400	0.01	9.06		AVRG	
Chlorobenzene	1.0620000	1.0833000	1.0833000	0.3	2.00		AVRG	
Ethylbenzene	1.9190000	2.0471000	2.0471000	0.01	6.68	20.00	AVRG	
1,1,1,2-Tetrachloroethane	0.3260000	0.3389000	0.3389000	0.01	3.96		AVRG	
Xylenes (total)	0.0000000	0.7350400	0.7350400	0.01	0.00		AVRG	<-
m+p-Xylenes	0.7060000	0.7580400	0.7580400	0.01	7.37		AVRG	
o-Xylene	0.6680000	0.6890300	0.6890300	0.01	3.15		AVRG	
Styrene	1.1480000	1.2316000	1.2316000	0.01	7.28		AVRG	
Bromoform	0.1900000	0.1867300	0.1867300	0.1	-1.72		AVRG	
trans-1,4-Dichloro-2-Butene	0.2900000	0.3487800	0.3487800	0.01	20.27		AVRG	
1,1,2,2-Tetrachloroethane	1.0570000	1.0560000	1.0560000	0.3	-0.09		AVRG	
1,2,3-Trichloropropane	0.8180000	0.8863400	0.8863400	0.01	8.35		AVRG	
Pentachloroethane	0.5920000	0.6448600	0.6448600	0.01	8.93		AVRG	
1,3-Dichlorobenzene	1.4960000	1.6354000	1.6354000	0.01	9.32		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/24/04 Time: 1210

Lab File ID: S2855 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,4-Dichlorobenzene	1.5700000	1.7017000	1.7017000	0.01	8.39		AVRG
1,2-Dichlorobenzene	1.4040000	1.4858000	1.4858000	0.01	5.83		AVRG
1,2-Dibromo-3-Chloropropane	0.1680000	0.1684500	0.1684500	0.01	0.27		AVRG
1,2,4-Trichlorobenzene	0.7730000	0.8818300	0.8818300	0.01	14.08		AVRG
Dibromofluoromethane	0.6210000	0.6475900	0.6475900	0.01	4.28		AVRG
1,2-Dichloroethane-D4	0.6950000	0.8209400	0.8209400	0.01	18.12		AVRG
Toluene-D8	1.1430000	1.1841000	1.1841000	0.01	3.60		AVRG
P-Bromofluorobenzene	0.4320000	0.4715500	0.4715500	0.01	9.16		AVRG

FORM VII PEST

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: SB771 BFB Injection Date: 09/27/04

Instrument ID: GCMS-S BFB Injection Time: 0846

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.0
75	30.0 - 60.0% of mass 95	49.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	5.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	58.8
175	5.0 - 9.0% of mass 174	4.5 (7.6)1
176	95.0 - 101.0% of mass 174	56.1 (95.4)1
177	5.0 - 9.0% of mass 176	4.5 (8.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050S27A	S2871	09/27/04	0918
02	WG10261-LCS	WG10261-1	S2872	09/27/04	1017
03	WG10261-BLANK	WG10261-2	S2873	09/27/04	1119
04	KWFCSB-MW07-02-0904	WU3200-1RA	S2874	09/27/04	1230
05	KWFCSB-MW12-04-0904	WU3200-12RA	S2875	09/27/04	1338
06	KWFCSB-DUP-00-0904	WU3200-13	S2876	09/27/04	1417
07	KWFCSB-SS01-02-0904	WU3200-14	S2877	09/27/04	1455
08	KWFCSB-SS02-04-0904	WU3200-17	S2878	09/27/04	1533
09	KWFCSB-SS01-04-0904	WU3200-15	S2879	09/27/04	1611
10	KWFCSB-SS02-02-0904	WU3200-16	S2880	09/27/04	1649
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22					

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/27/04 Time: 0918

Lab File ID: S2871 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Dichlorodifluoromethane	0.5780000	0.5810100	0.5810100	0.01	0.52		AVRG
Chloromethane	0.7320000	0.7572800	0.7572800	0.1	3.45		AVRG
Vinyl chloride	0.9110000	1.0042000	1.0042000	0.01	10.23	20.00	AVRG
Bromomethane	69.560000	50.000000	0.3927800	0.01	39.12		LINR
Chloroethane	0.5440000	0.6229400	0.6229400	0.01	14.51		AVRG
Trichlorofluoromethane	0.8390000	0.9312300	0.9312300	0.01	10.99		AVRG
1,1-Dichloroethene	0.6340000	0.6686000	0.6686000	0.1	5.46	20.00	AVRG
Carbon Disulfide	1.9980000	2.2375000	2.2375000	0.01	11.99		AVRG
Iodomethane	88.408000	50.000000	0.4512900	0.01	76.82		2RDR
Acrolein	0.2290000	0.2503300	0.2503300	0.01	9.31		AVRG
Methylene Chloride	65.297000	50.000000	1.0901000	0.01	30.59		LINR
Acetone	334.85000	250.00000	6.55e-002	0.01	33.94		LINR
Isobutyl Alcohol	4.2e-002	5.32e-002	5.32e-002	0.01	26.67		AVRG
trans-1,2-Dichloroethene	0.6660000	0.7654800	0.7654800	0.01	14.94		AVRG
Allyl Chloride	0.9310000	1.3559000	1.3559000	0.01	45.64		AVRG
Acetonitrile	2.e-002	2.19e-002	2.19e-002	0.01	9.50		AVRG
Chloroprene	1.0700000	1.3816000	1.3816000	0.01	29.12		AVRG
Methacrylonitrile	0.4880000	0.5906200	0.5906200	0.01	21.03		AVRG
Propionitrile	8.9e-002	0.1011000	0.1011000	0.01	13.60		AVRG
1,1-Dichloroethane	1.3700000	1.5266000	1.5266000	0.3	11.43		AVRG
Acrylonitrile	4.e-002	4.57e-002	4.57e-002	0.01	14.25		AVRG
Vinyl Acetate	64.689000	50.000000	0.6419400	0.01	29.38		LINR
cis-1,2-Dichloroethene	0.7400000	0.7822700	0.7822700	0.01	5.71		AVRG
Methyl Methacrylate	0.3740000	0.4318000	0.4318000	0.01	15.45		AVRG
Chloroform	1.2420000	1.3412000	1.3412000	0.01	7.99	20.00	AVRG
Carbon Tetrachloride	0.2450000	0.3567100	0.3567100	0.01	45.60		AVRG
1,1,1-Trichloroethane	0.8520000	1.0079000	1.0079000	0.01	18.30		AVRG
2-Butanone	6.9e-002	7.91e-002	7.91e-002	0.01	14.64		AVRG
Benzene	1.4820000	1.5706000	1.5706000	0.01	5.98		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/27/04 Time: 0918

Lab File ID: S2871 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethyl Methacrylate	0.4250000	0.4868100	0.4868100	0.01	14.54		AVRG	
1,2-Dichloroethane	0.4580000	0.5128600	0.5128600	0.01	11.98		AVRG	
Trichloroethene	0.4140000	0.4448300	0.4448300	0.01	7.45		AVRG	
Dibromomethane	0.1690000	0.2017100	0.2017100	0.01	19.36		AVRG	
1,2-Dichloropropane	0.4020000	0.4371200	0.4371200	0.01	8.74	20.00	AVRG	
Bromodichloromethane	0.4330000	0.5111600	0.5111600	0.01	18.05		AVRG	
cis-1,3-dichloropropene	0.4440000	0.6023400	0.6023400	0.01	35.66		AVRG	
1,4-Dioxane	3.e-003	3.21e-003	3.21e-003	0.01	7.00		AVRG	<-
Toluene	0.8490000	0.8921300	0.8921300	0.01	5.08	20.00	AVRG	
4-methyl-2-pentanone	0.4190000	0.4876200	0.4876200	0.01	16.38		AVRG	
Tetrachloroethene	0.2720000	0.2738700	0.2738700	0.01	0.69		AVRG	
trans-1,3-Dichloropropene	0.3620000	0.4862100	0.4862100	0.01	34.31		AVRG	
1,1,2-Trichloroethane	0.2570000	0.2715800	0.2715800	0.01	5.67		AVRG	
Dibromochloromethane	0.3350000	0.3633800	0.3633800	0.01	8.47		AVRG	
1,2-Dibromoethane	0.2730000	0.2966600	0.2966600	0.01	8.67		AVRG	
2-Hexanone	0.3580000	0.4189600	0.4189600	0.01	17.03		AVRG	
Chlorobenzene	1.0620000	1.1356000	1.1356000	0.3	6.93		AVRG	
Ethylbenzene	1.9190000	2.0932000	2.0932000	0.01	9.08	20.00	AVRG	
1,1,1,2-Tetrachloroethane	0.3260000	0.3456800	0.3456800	0.01	6.04		AVRG	
Xylenes (total)	0.0000000	0.7474200	0.7474200	0.01	0.00		AVRG	<-
m+p-Xylenes	0.7060000	0.7620800	0.7620800	0.01	7.94		AVRG	
o-Xylene	0.6680000	0.7181000	0.7181000	0.01	7.50		AVRG	
Styrene	1.1480000	1.2602000	1.2602000	0.01	9.77		AVRG	
Bromoform	0.1900000	0.1994300	0.1994300	0.1	4.96		AVRG	
trans-1,4-Dichloro-2-Butene	0.2900000	0.3864400	0.3864400	0.01	33.26		AVRG	
1,1,2,2-Tetrachloroethane	1.0570000	1.1071000	1.1071000	0.3	4.74		AVRG	
1,2,3-Trichloropropane	0.8180000	0.9399000	0.9399000	0.01	14.90		AVRG	
Pentachloroethane	0.5920000	0.6650000	0.6650000	0.01	12.33		AVRG	
1,3-Dichlorobenzene	1.4960000	1.6531000	1.6531000	0.01	10.50		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-S Calibration Date: 09/27/04 Time: 0918

Lab File ID: S2871 Init. Calib. Date(s): 09/21/04 09/21/04

Init. Calib. Times: 1243 1945

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,4-Dichlorobenzene	1.5700000	1.7346000	1.7346000	0.01	10.48		AVRG
1,2-Dichlorobenzene	1.4040000	1.5369000	1.5369000	0.01	9.46		AVRG
1,2-Dibromo-3-Chloropropane	0.1680000	0.1837800	0.1837800	0.01	9.39		AVRG
1,2,4-Trichlorobenzene	0.7730000	0.9879800	0.9879800	0.01	27.81		AVRG
Dibromofluoromethane	0.6210000	0.6754600	0.6754600	0.01	8.77		AVRG
1,2-Dichloroethane-D4	0.6950000	0.7570400	0.7570400	0.01	8.93		AVRG
Toluene-D8	1.1430000	1.2009000	1.2009000	0.01	5.06		AVRG
P-Bromofluorobenzene	0.4320000	0.4878500	0.4878500	0.01	12.93		AVRG

FORM VII PEST

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID: ZB896 BFB Injection Date: 08/23/04

Instrument ID: GCMS-Z BFB Injection Time: 1417 Not used

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	42.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	80.2
175	5.0 - 9.0% of mass 174	5.4 (6.8)1
176	95.0 - 101.0% of mass 174	76.3 (95.2)1
177	5.0 - 9.0% of mass 176	4.6 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z23A	Z2942	08/23/04	1441
02		VSTD020Z23A	Z2943	08/23/04	1518
03		VSTD005Z23A	Z2944	08/23/04	1556
04		VSTD001Z23B	Z2946	08/23/04	1711
05		VSTD200Z23A	Z2947	08/23/04	1749
06		VSTD100Z23A	Z2948	08/23/04	1826
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22					

FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-Z Calibration Date(s): 08/23/04 08/23/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1441 1826

Not used

LAB FILE ID: RF1: Z2946 RF5: Z2944 RF20: Z2943
RF50: Z2942 RF100: Z2948 RF200: Z2947

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Dichlorodifluoromethane	0.330	0.373	0.364	0.402	0.345	0.368	AVRG		0.36372745		6.786	15.000
Chloromethane	0.550	0.578	0.509	0.535	0.517	0.513	AVRG		0.53364284		4.999	15.000
Vinyl chloride	0.455	0.520	0.480	0.510	0.512	0.485	AVRG		0.49386810		5.018	15.000
Bromomethane	0.261	0.269	0.281	0.271	0.320	0.287	AVRG		0.28150076		7.431	15.000
Chloroethane	1771	8912	34880	87372	162100	244740	2ORDR	3.499e-002	2.09541364	3.54207481	0.99814	0.99000
Trichlorofluoromethane	0.493	0.593	0.565	0.626	0.559	0.562	AVRG		0.56625848		7.789	15.000
1,1-Dichloroethene	0.377	0.377	0.378	0.392	0.391	0.374	AVRG		0.38140072		2.145	15.000
Carbon Disulfide	1.280	1.337	1.316	1.386	1.417	1.354	AVRG		1.34845384		3.621	15.000
Iodomethane	2493	16961	84170	214450	502920	987100	LINR	3.498e-002	1.23226795		0.99904	0.99000
Acrolein	195	1925	8608	20827	46967	87748	LINR	8.925e-003	69.1191074		0.99888	0.99000
Methylene Chloride	11267	22284	64736	156740	309930	579210	LINR	-6.33e-002	2.12664432		0.99908	0.99000
Acetone	0.046	0.054	0.042	0.045	0.051	0.044	AVRG		4.719e-002		9.176	15.000
Isobutyl Alcohol	0.018	0.020	0.020	0.024	0.023	0.023	AVRG		2.137e-002		9.820	15.000
trans-1,2-Dichloroethene	0.447	0.458	0.446	0.464	0.462	0.456	AVRG		0.45539663		1.641	15.000
Allyl Chloride	0.623	0.597	0.673	0.668	0.674	0.653	AVRG		0.64793169		4.855	15.000
Acetonitrile	1423	4822	17099	41582	86452	172840	LINR	-4.49e-002	71.2510523		0.99988	0.99000
Chloroprene	0.566	0.541	0.645	0.653	0.649	0.656	AVRG		0.61830563		8.241	15.000
Methacrylonitrile	0.315	0.377	0.402	0.401	0.376	0.348	AVRG		0.36973348		8.999	15.000
Propionitrile	0.073	0.082	0.082	0.086	0.084	0.080	AVRG		8.119e-002		5.516	15.000
1,1-Dichloroethane	0.814	0.785	0.755	0.804	0.784	0.786	AVRG		0.78781496		2.543	15.000
Acrylonitrile	852	4546	20089	49245	111160	206900	LINR	-6.8e-002	29.4414026		0.99865	0.99000
Vinyl Acetate	0.612	0.620	0.621	0.774	0.783	0.780	AVRG		0.69824915		12.681	15.000
cis-1,2-Dichloroethene	0.466	0.519	0.508	0.567	0.560	0.562	AVRG		0.53024180		7.568	15.000
Methyl Methacrylate	1747	10733	54231	151340	310380	623450	LINR	1.98e-002	3.31950743		0.99991	0.99000
Chloroform	0.820	0.840	0.791	0.852	0.830	0.830	AVRG		0.82751270		2.499	15.000
Carbon Tetrachloride	0.269	0.280	0.286	0.318	0.305	0.313	AVRG		0.29525167		6.651	15.000
1,1,1-Trichloroethane	0.610	0.631	0.602	0.658	0.620	0.626	AVRG		0.62434714		3.134	15.000
2-Butanone	0.058	0.073	0.060	0.070	0.071	0.068	AVRG		6.692e-002		9.303	15.000
Benzene	1.013	1.140	1.127	1.185	1.183	1.173	AVRG		1.13688736		5.722	15.000
Ethyl Methacrylate	1797	14267	73092	206570	430550	853630	LINR	2.082e-002	2.41799817		0.99982	0.99000
1,2-Dichloroethane	0.371	0.401	0.378	0.400	0.392	0.396	AVRG		0.38967257		3.207	15.000
Trichloroethene	0.255	0.280	0.273	0.297	0.298	0.288	AVRG		0.28202158		5.838	15.000
Dibromomethane	0.184	0.202	0.191	0.200	0.209	0.204	AVRG		0.19823705		4.720	15.000
1,2-Dichloropropane	1479	15052	56100	154360	313830	620180	LINR	4.888e-003	3.33914276		0.99991	0.99000
Bromodichloromethane	0.326	0.349	0.351	0.374	0.384	0.380	AVRG		0.36067536		6.183	15.000
cis-1,3-dichloropropene	0.333	0.419	0.440	0.481	0.489	0.488	AVRG		0.44158354		13.709	15.000
1,4-Dioxane	351	2847	11162	35165	68495	130150	LINR	-0.1214988	315.689374		0.99878	0.99000
Toluene	0.526	0.680	0.671	0.752	0.741	0.735	AVRG		0.68417451		12.309	15.000
4-methyl-2-pentanone	0.257	0.362	0.315	0.335	0.342	0.299	AVRG		0.31850613		11.593	15.000
Tetrachloroethene	0.243	0.238	0.230	0.254	0.245	0.235	AVRG		0.24116030		3.480	15.000
trans-1,3-Dichloropropene	0.282	0.368	0.359	0.404	0.416	0.417	AVRG		0.37427975		13.736	15.000
1,1,2-Trichloroethane	0.223	0.248	0.224	0.237	0.240	0.235	AVRG		0.23438563		4.143	15.000
Dibromochloromethane	0.277	0.324	0.336	0.384	0.385	0.385	AVRG		0.34873437		12.660	15.000
1,2-Dibromoethane	0.295	0.306	0.297	0.319	0.330	0.321	AVRG		0.31139884		4.546	15.000

FORM VI VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-Z Calibration Date(s): 08/23/04 08/23/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1441 1826

LAB FILE ID: RF1: Z2946 RF5: Z2944 RF20: Z2943 Not used
RF50: Z2942 RF100: Z2948 RF200: Z2947

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
2-Hexanone	0.198	0.282	0.258	0.293	0.282	0.262	AVRG		0.26274963		12.993	15.000
Chlorobenzene	0.880	0.936	0.912	0.987	0.941	0.920	AVRG		0.92969149		3.813	15.000
Ethylbenzene	1.344	1.387	1.408	1.552	1.455	1.377	AVRG		1.42052759		5.237	15.000
1,1,1,2-Tetrachloroethane	0.272	0.308	0.308	0.347	0.332	0.328	AVRG		0.31571318		8.208	15.000
Xylenes (total)							AVRG					0.000
m+p-Xylenes	0.431	0.523	0.538	0.596	0.561	0.520	AVRG		0.52808926		10.458	15.000
o-Xylene	2807	19462	85926	239060	482990	963530	LINR	2.293e-003	1.83449000		0.99979	0.99000
Styrene	4901	34940	155020	435980	897040	1734100	LINR	-3.69e-003	1.01444812		0.99945	0.99000
Bromoform	1233	8904	36124	106990	230750	466130	LINR	2.667e-003	3.78556323		0.99974	0.99000
trans-1,4-Dichloro-2-Bute	633	4819	21550	58733	117960	234040	LINR	2.255e-002	3.33331553		0.99920	0.99000
1,1,2,2-Tetrachloroethane	0.957	1.047	0.920	1.017	0.972	1.014	AVRG		0.98764809		4.712	15.000
1,2,3-Trichloropropane	0.990	1.085	1.077	1.239	1.174	1.200	AVRG		1.12757854		8.206	15.000
Pentachloroethane	0.501	0.512	0.624	0.616	0.570	0.663	AVRG		0.58106488		11.196	15.000
1,3-Dichlorobenzene	1.154	1.322	1.284	1.391	1.375	1.437	AVRG		1.32714785		7.560	15.000
1,4-Dichlorobenzene	1.498	1.466	1.332	1.474	1.396	1.334	AVRG		1.41656474		5.179	15.000
1,2-Dichlorobenzene	1.206	1.250	1.241	1.443	1.310	1.401	AVRG		1.30855352		7.272	15.000
1,2-Dibromo-3-Chloropropa	0.235	0.246	0.225	0.247	0.236	0.253	AVRG		0.24035624		4.139	15.000
1,2,4-Trichlorobenzene	0.567	0.660	0.657	0.741	0.713	0.756	AVRG		0.68238265		10.232	15.000
Dibromofluoromethane	0.532	0.470	0.508	0.560	0.529	0.522	AVRG		0.52029112		5.755	15.000
1,2-Dichloroethane-D4	0.589	0.499	0.527	0.567	0.530	0.532	AVRG		0.54066461		5.904	15.000
Toluene-D8	0.812	0.785	0.893	1.022	1.004	0.977	AVRG		0.91534800		11.057	15.000
P-Bromofluorobenzene	0.304	0.290	0.329	0.375	0.365	0.360	AVRG		0.33722865		10.380	15.000

Average %RSD test result.

Calculate Average %RSD: 7.670569420
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID: ZB923 BFB Injection Date: 09/30/04

Instrument ID: GCMS-Z BFB Injection Time: 0815

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N Not used

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.4
75	30.0 - 60.0% of mass 95	38.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	62.9
175	5.0 - 9.0% of mass 174	4.6 (7.3)1
176	95.0 - 101.0% of mass 174	61.1 (97.1)1
177	5.0 - 9.0% of mass 176	4.3 (7.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z30A	Z3488	09/30/04	0842
02	WG10373-LCS	WG10373-1	Z3489	09/30/04	0921
03	WG10373-BLANK	WG10373-2	Z3491	09/30/04	1039
04	KWFCSB-MW07-04-0904	WU3200-2DL	Z3499	09/30/04	1550
05					
06					
07					
08					
09					
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20					
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22					

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-Z Calibration Date: 09/30/04 Time: 0842

Lab File ID: Z3488 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

Not used

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Dichlorodifluoromethane	0.3640000	0.3146400	0.3146400	0.01	-13.56		AVRG
Chloromethane	0.5340000	0.6386000	0.6386000	0.1	19.59		AVRG
Vinyl chloride	0.4940000	0.5223000	0.5223000	0.01	5.73	20.00	AVRG
Bromomethane	0.2820000	0.2646100	0.2646100	0.01	-6.17		AVRG
Chloroethane	44.685000	50.000000	0.2786000	0.01	-10.63		2RDR
Trichlorofluoromethane	0.5660000	0.4785200	0.4785200	0.01	-15.46		AVRG
1,1-Dichloroethene	0.3820000	0.3800000	0.3800000	0.1	-0.52	20.00	AVRG
Carbon Disulfide	1.3480000	1.3527000	1.3527000	0.01	0.35		AVRG
Iodomethane	31.818000	50.000000	0.4880200	0.01	-36.36		LINR
Acrolein	213.92000	250.00000	1.24e-002	0.01	-14.43		LINR
Methylene Chloride	51.098000	50.000000	0.5103200	0.01	2.20		LINR
Acetone	4.7e-002	2.37e-002	2.37e-002	0.01	-49.57		AVRG
Isobutyl Alcohol	2.1e-002	1.98e-002	1.98e-002	0.01	-5.71		AVRG
trans-1,2-Dichloroethene	0.4560000	0.4368100	0.4368100	0.01	-4.21		AVRG
Allyl Chloride	0.6480000	0.6135400	0.6135400	0.01	-5.32		AVRG
Acetonitrile	440.66000	500.00000	1.24e-002	0.01	-11.87		LINR
Chloroprene	0.6180000	0.5344800	0.5344800	0.01	-13.51		AVRG
Methacrylonitrile	0.3700000	0.3342900	0.3342900	0.01	-9.65		AVRG
Propionitrile	8.1e-002	8.06e-002	8.06e-002	0.01	-0.49		AVRG
1,1-Dichloroethane	0.7880000	0.7617900	0.7617900	0.3	-3.33		AVRG
Acrylonitrile	258.71000	250.00000	3.56e-002	0.01	3.48		LINR
Vinyl Acetate	0.6980000	0.7144100	0.7144100	0.01	2.35		AVRG
cis-1,2-Dichloroethene	0.5300000	0.5283800	0.5283800	0.01	-0.30		AVRG
Methyl Methacrylate	43.688000	50.000000	0.2572600	0.01	-12.62		LINR
Chloroform	0.8270000	0.7463800	0.7463800	0.01	-9.75	20.00	AVRG
Carbon Tetrachloride	0.2950000	0.2812400	0.2812400	0.01	-4.66		AVRG
1,1,1-Trichloroethane	0.6240000	0.5395600	0.5395600	0.01	-13.53		AVRG
2-Butanone	6.7e-002	5.35e-002	5.35e-002	0.01	-20.15		AVRG
Benzene	1.1370000	1.1786000	1.1786000	0.01	3.66		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-Z Calibration Date: 09/30/04 Time: 0842

Lab File ID: Z3488 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

Not used

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethyl Methacrylate	50.106000	50.000000	0.4058300	0.01	0.21		LINR	
1,2-Dichloroethane	0.3900000	0.3276300	0.3276300	0.01	-15.99		AVRG	
Trichloroethene	0.2820000	0.2794000	0.2794000	0.01	-0.92		AVRG	
Dibromomethane	0.1980000	0.2005000	0.2005000	0.01	1.26		AVRG	
1,2-Dichloropropane	49.290000	50.000000	0.2937600	0.01	-1.42	20.00	LINR	
Bromodichloromethane	0.3610000	0.3473500	0.3473500	0.01	-3.78		AVRG	
cis-1,3-dichloropropene	0.4420000	0.4763700	~~0.4763700~~	0.01	7.78		AVRG	
1,4-Dioxane	1085.0000	1000.0000	3.46e-003	0.01	8.50		LINR	<-
Toluene	0.6840000	0.7272300	~~0.7272300~~	0.01	6.32	20.00	AVRG	
4-methyl-2-pentanone	0.3180000	0.3311000	0.3311000	0.01	4.12		AVRG	
Tetrachloroethene	0.2410000	0.2592100	0.2592100	0.01	7.56		AVRG	
trans-1,3-Dichloropropene	0.3740000	0.3796700	0.3796700	0.01	1.52		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2388300	0.2388300	0.01	2.06		AVRG	
Dibromochloromethane	0.3480000	0.3594200	0.3594200	0.01	3.28		AVRG	
1,2-Dibromoethane	0.3110000	0.3082600	0.3082600	0.01	-0.88		AVRG	
2-Hexanone	0.2620000	0.2750800	0.2750800	0.01	4.99		AVRG	
Chlorobenzene	0.9290000	0.9109300	0.9109300	0.3	-1.94		AVRG	
Ethylbenzene	1.4200000	1.4639000	1.4639000	0.01	3.09	20.00	AVRG	
1,1,1,2-Tetrachloroethane	0.3160000	0.3154800	0.3154800	0.01	-0.16		AVRG	
Xylenes (total)	0.0000000	0.5905000	0.5905000	0.01	0.00		AVRG	<-
m+p-Xylenes	0.5280000	0.6044000	0.6044000	0.01	14.47		AVRG	
o-Xylene	51.727000	50.000000	0.5626900	0.01	3.45		LINR	
Styrene	49.742000	50.000000	0.9843000	0.01	-0.52		LINR	
Bromoform	50.551000	50.000000	0.2600200	0.1	1.10		LINR	
trans-1,4-Dichloro-2-Butene	40.506000	50.000000	0.2362700	0.01	-18.99		LINR	
1,1,2,2-Tetrachloroethane	0.9880000	0.8906400	0.8906400	0.3	-9.85		AVRG	
1,2,3-Trichloropropane	1.1280000	1.0457000	1.0457000	0.01	-7.30		AVRG	
Pentachloroethane	0.5810000	0.5744600	0.5744600	0.01	-1.12		AVRG	
1,3-Dichlorobenzene	1.3270000	1.3781000	1.3781000	0.01	3.85		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-Z Calibration Date: 09/30/04 Time: 0842

Lab File ID: Z3488 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm) Not used

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,4-Dichlorobenzene	1.4170000	1.4078000	1.4078000	0.01	-0.65		AVRG
1,2-Dichlorobenzene	1.3080000	1.3198000	1.3198000	0.01	0.90		AVRG
1,2-Dibromo-3-Chloropropane	0.2400000	0.2407200	0.2407200	0.01	0.30		AVRG
1,2,4-Trichlorobenzene	0.6820000	0.7774800	0.7774800	0.01	14.00		AVRG
Dibromofluoromethane	0.5200000	0.5062800	0.5062800	0.01	-2.64		AVRG
1,2-Dichloroethane-D4	0.5410000	0.4469000	0.4469000	0.01	-17.39		AVRG
Toluene-D8	0.9160000	1.0568000	1.0568000	0.01	15.37		AVRG
P-Bromofluorobenzene	0.3370000	0.3794700	0.3794700	0.01	12.60		AVRG

FORM VII PEST

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): S2855 Date Analyzed: 09/24/04

Instrument ID: GCMS-S Time Analyzed: 1210

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		170945	10.39	329283	11.02	278011	14.60
UPPER LIMIT		341890	10.89	658566	11.52	556022	15.10
LOWER LIMIT		85473	9.89	164642	10.52	139006	14.10
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG10260-LCS	WG10260-1	170285	10.39	326814	11.02	272263	14.60
02 WG10260-BLANK	WG10260-2	163541	10.39	325715	11.02	264128	14.60
03 KWFCSB-MW07-04-0904	WU3200-2	5163*	10.39	10665*	11.01	8954*	14.60
04 KWFCSB-MW08-02-0904	WU3200-3	147616	10.40	292208	11.01	222554	14.60
05 KWFCSB-MW08-04-0904	WU3200-4	144863	10.39	283030	11.02	238828	14.60
06 KWFCSB-MW09-02-0904	WU3200-5	151840	10.39	303854	11.02	251090	14.60
07 KWFCSB-MW09-04-0904	WU3200-6	145690	10.40	290452	11.01	243503	14.61
08 KWFCSB-MW10-02-0904	WU3200-7	146822	10.40	290936	11.02	244729	14.60
09 KWFCSB-MW10-04-0904	WU3200-8	141804	10.40	290312	11.02	241260	14.61
10 KWFCSB-MW11-02-0904	WU3200-9	140415	10.40	284593	11.02	234592	14.61
11 KWFCSB-MW11-04-0904	WU3200-10	148149	10.40	298103	11.02	247962	14.60
12 KWFCSB-MW12-02-0904	WU3200-11	141470	10.39	289894	11.02	237812	14.60
13							
14							
15							
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18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): S2855 Date Analyzed: 09/24/04

Instrument ID: GCMS-S Time Analyzed: 1210

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4 (DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		124409	17.79				
UPPER LIMIT		248818	18.29				
LOWER LIMIT		62205	17.29				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG10260-LCS	WG10260-1	122959	17.79				
02 WG10260-BLANK	WG10260-2	108559	17.78				
03 KWFCSB-MW07-04-0904	WU3200-2	3078*	17.78				
04 KWFCSB-MW08-02-0904	WU3200-3	66423	17.78				
05 KWFCSB-MW08-04-0904	WU3200-4	100463	17.78				
06 KWFCSB-MW09-02-0904	WU3200-5	102833	17.79				
07 KWFCSB-MW09-04-0904	WU3200-6	98937	17.78				
08 KWFCSB-MW10-02-0904	WU3200-7	97881	17.78				
09 KWFCSB-MW10-04-0904	WU3200-8	95267	17.78				
10 KWFCSB-MW11-02-0904	WU3200-9	92361	17.78				
11 KWFCSB-MW11-04-0904	WU3200-10	100717	17.78				
12 KWFCSB-MW12-02-0904	WU3200-11	95562	17.78				
13							
14							
15							
16							
17							
18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): S2871 Date Analyzed: 09/27/04

Instrument ID: GCMS-S Time Analyzed: 0918

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		172662	10.39	336396	11.02	281673	14.60
UPPER LIMIT		345324	10.89	672792	11.52	563346	15.10
LOWER LIMIT		86331	9.89	168198	10.52	140837	14.10
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG10261-BLANK	WG10261-2	174997	10.39	343985	11.02	290068	14.60
02 KWFCSB-MW07-02-0904	WU3200-1RA	166185	10.39	330538	11.02	273145	14.60
03 KWFCSB-MW12-04-0904	WU3200-12RA	161122	10.40	318145	11.02	266121	14.60
04 KWFCSB-DUP-00-0904	WU3200-13	146101	10.39	287065	11.02	241930	14.60
05 KWFCSB-SS01-02-0904	WU3200-14	135906	10.41	275047	11.02	229531	14.60
06 KWFCSB-SS02-04-0904	WU3200-17	154212	10.41	312370	11.02	262798	14.60
07 KWFCSB-SS01-04-0904	WU3200-15	149258	10.40	300733	11.03	257074	14.61
08 KWFCSB-SS02-02-0904	WU3200-16	149943	10.39	299252	11.02	252667	14.61
09							
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18							
19							
20							

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): S2871 Date Analyzed: 09/27/04

Instrument ID: GCMS-S Time Analyzed: 0918

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		128665	17.79				
UPPER LIMIT		257330	18.29				
LOWER LIMIT		64333	17.29				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG10261-BLANK	WG10261-2	119390	17.78				
02 KWFCSB-MW07-02-0904	WU3200-1RA	108158	17.78				
03 KWFCSB-MW12-04-0904	WU3200-12RA	103751	17.79				
04 KWFCSB-DUP-00-0904	WU3200-13	98789	17.78				
05 KWFCSB-SS01-02-0904	WU3200-14	86110	17.79				
06 KWFCSB-SS02-04-0904	WU3200-17	104847	17.79				
07 KWFCSB-SS01-04-0904	WU3200-15	104658	17.79				
08 KWFCSB-SS02-02-0904	WU3200-16	104989	17.78				
09							
10							
11							
12							
13							
14							
15							
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18							
19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): Z3488 Date Analyzed: 09/30/04 Not used

Instrument ID: GCMS-Z Time Analyzed: 0842

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS1(PFB) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
12 HOUR STD		318040	9.33	514259	9.99	446652	13.13
UPPER LIMIT		636080	9.83	1028518	10.49	893304	13.63
LOWER LIMIT		159020	8.83	257130	9.49	223326	12.63
	CLIENT SAMPLE ID	LAB SAMPLE ID					
01	WG10373-LCS	WG10373-1	302802	9.34	499222	10.00	430904	13.12
02	WG10373-BLANK	WG10373-2	281475	9.33	465888	9.99	408665	13.12
03	KWFCSB-MW07-04-0904	WU3200-2DL	296371	9.33	495907	10.00	437706	13.13
04								
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15								
16								
17								
18								
19								
20								

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-D5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID (Standard): Z3488 Date Analyzed: 09/30/04

Instrument ID: GCMS-Z Time Analyzed: 0842 ~~Not used~~

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

		IS4(DCB) AREA #	RT #	AREA #	RT #	AREA #	RT #
12 HOUR STD		224370	14.82				
UPPER LIMIT		448740	15.32				
LOWER LIMIT		112185	14.32				
CLIENT SAMPLE ID	LAB SAMPLE ID						
01 WG10373-LCS	WG10373-1	212431	14.83				
02 WG10373-BLANK	WG10373-2	196757	14.83				
03 KWFCSB-MW07-04-0904	WU3200-2DL	201032	14.81				
04							
05							
06							
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19							
20							

IS4 (DCB) = 1,4-Dichlorobenzene-D4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

FORM VIII VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/30/04
Report Date: 10/18/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10373-2
Client ID: WG10373-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10373
Units: ug/l

Not used

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	I	0.9	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	I	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 09/30/04
Report Date: 10/18/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10373-2
Client ID: WG10373-Blank
SDG: WU3200
Extracted by:
Extraction Method: SW846 5030
Analyst: NB
Analysis Method: SW846 8260B
Lab Prep Batch: WG10373
Units: ug/l

Not used

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	I	0.1	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	0.6	1.0	15	15	0.5
	m+p-Xylenes	I	0.4	1.0	10	10	0.3
95-47-6	o-Xylene	I	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		115%				
460-00-4	P-Bromofluorobenzene		119%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10390-1
Client ID: WG10390-Blank
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	160	1.0	330	330	160
110-86-1	Pyridine	U	41	1.0	1600	1600	41
62-75-9	N-Nitrosodimethylamine	U	85	1.0	660	660	85
62-53-3	Aniline	U	91	1.0	330	330	91
108-95-2	Phenol	U	69	1.0	330	330	69
111-44-4	Bis(2-Chloroethyl)ether	U	34	1.0	330	330	34
95-57-8	2-Chlorophenol	U	130	1.0	330	330	130
100-51-6	Benzyl alcohol	U	43	1.0	660	660	43
108-60-1	Bis(2-Chloroisopropyl)ether	U	34	1.0	330	330	34
95-48-7	2-Methylphenol	U	81	1.0	330	330	81
67-72-1	Hexachloroethane	U	28	1.0	330	330	28
621-64-7	N-Nitroso-di-n-propylamine	U	30	1.0	330	330	30
106-44-5	3&4-Methylphenol	U	160	1.0	330	330	160
98-95-3	Nitrobenzene	U	34	1.0	330	330	34
78-59-1	Isophorone	U	26	1.0	330	330	26
88-75-5	2-Nitrophenol	U	88	1.0	330	330	88
105-67-9	2,4-Dimethyphenol	U	78	1.0	330	330	78
111-91-1	Bis(2-Chloroethoxy)methane	U	27	1.0	330	330	27
120-83-2	2,4-Dichlorophenol	U	86	1.0	330	330	86
91-20-3	Naphthalene	U	38	1.0	330	330	38
106-47-8	4-Chloroaniline	U	24	1.0	330	330	24
87-68-3	Hexachlorobutadiene	U	57	1.0	330	330	57
59-50-7	4-Chloro-3-Methylphenol	U	71	1.0	330	330	71
91-57-6	2-Methylnaphthalene	U	150	1.0	330	330	150
77-47-4	Hexachlorocyclopentadiene	U	26	1.0	330	330	26
88-06-2	2,4,6-Trichlorophenol	U	90	1.0	330	330	90
95-95-4	2,4,5-Trichlorophenol	U	88	1.0	820	820	88
91-58-7	2-Chloronaphthalene	U	31	1.0	330	330	31
88-74-4	2-Nitroaniline	U	66	1.0	820	820	66
208-96-8	Acenaphthylene	U	27	1.0	330	330	27
131-11-3	Dimethyl Phthalate	U	29	1.0	330	330	29
606-20-2	2,6-Dinitrotoluene	U	49	1.0	330	330	49
83-32-9	Acenaphthene	U	36	1.0	330	330	36
99-09-2	3-Nitroaniline	U	62	1.0	820	820	62
51-28-5	2,4-Dinitrophenol	U	410	1.0	820	820	410
132-64-9	Dibenzofuran	U	44	1.0	330	330	44
100-02-7	4-Nitrophenol	U	140	1.0	820	820	140
121-14-2	2,4-Dinitrotoluene	U	40	1.0	330	330	40
86-73-7	Fluorene	U	27	1.0	330	330	27
84-66-2	Diethylphthalate	U	33	1.0	330	330	33
7005-72-3	4-Chlorophenyl-phenylether	U	40	1.0	330	330	40
100-01-6	4-Nitroaniline	U	93	1.0	820	820	93
534-52-1	4,6-Dinitro-2-Methylphenol	U	66	1.0	820	820	66

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10390-1
Client ID: WG10390-Blank
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	64	1.0	330	330	64
101-55-3	4-Bromophenyl-phenylether	U	42	1.0	330	330	42
118-74-1	Hexachlorobenzene	U	89	1.0	330	330	89
87-86-5	Pentachlorophenol	U	140	1.0	820	820	140
85-01-8	Phenanthrene	U	29	1.0	330	330	29
120-12-7	Anthracene	U	30	1.0	330	330	30
84-74-2	Di-n-butylphthalate	U	41	1.0	330	330	41
206-44-0	Fluoranthene	U	30	1.0	330	330	30
129-00-0	Pyrene	U	32	1.0	330	330	32
85-68-7	Butylbenzylphthalate	U	93	1.0	330	330	93
56-55-3	Benzo(a)anthracene	U	25	1.0	330	330	25
218-01-9	Chrysene	U	38	1.0	330	330	38
91-94-1	3,3'-Dichlorobenzidine	U	160	1.0	330	330	160
117-81-7	bis(2-Ethylhexyl)phthalate	U	140	1.0	330	330	140
117-84-0	Di-n-octylphthalate	U	190	1.0	330	330	190
205-99-2	Benzo(b)fluoranthene	U	41	1.0	330	330	41
207-08-9	Benzo(k)fluoranthene	U	34	1.0	330	330	34
50-32-8	Benzo(a)pyrene	U	31	1.0	330	330	31
193-39-5	Indeno(1,2,3-cd)pyrene	U	48	1.0	330	330	48
53-70-3	Dibenzo(a,h)anthracene	U	40	1.0	330	330	40
191-24-2	Benzo(g,h,i)perylene	U	38	1.0	330	330	38
10595-95-6	N-Nitrosomethylethylamine	U	160	1.0	330	330	160
66-27-3	Methyl Methanesulfonate	U	330	1.0	660	660	330
55-18-5	N-Nitrosodiethylamine	U	330	1.0	660	660	330
62-50-0	Ethyl Methanesulfonate	U	160	1.0	330	330	160
930-55-2	N-Nitrosopyrrolidine	U	160	1.0	330	330	160
59-89-2	N-Nitrosomorpholine	U	160	1.0	330	330	160
95-53-4	o-Toluidine	U	160	1.0	330	330	160
98-86-2	Acetophenone	U	26	1.0	330	330	26
100-75-4	N-Nitrosopiperidine	U	160	1.0	330	330	160
126-68-1	O,O,O-Triethylphosphorothioat	U	330	1.0	660	660	330
87-65-0	2,6-Dichlorophenol	U	160	1.0	330	330	160
1888-71-7	Hexachloropropene	U	160	1.0	330	330	160
122-09-8	A,A-Dimethylphenethylamine	U	160	1.0	330	330	160
924-16-3	N-Nitroso-Di-N-Butylamine	U	160	1.0	330	330	160
120-58-1	Isosafrole	U	330	1.0	660	660	330
106-50-3	p-Phenylenediamine	U	160	1.0	330	330	160
95-94-3	1,2,4,5-Tetrachlorobenzene	U	160	1.0	330	330	160
94-59-7	Safrole	U	160	1.0	330	330	160
130-15-4	1,4-Naphthoquinone	U	160	1.0	330	330	160
99-65-0	1,3-Dinitrobenzene	U	160	1.0	330	330	160
608-93-5	Pentachlorobenzene	U	160	1.0	330	330	160
91-59-8	2-Naphthylamine	U	160	1.0	330	330	160

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/25/04
Report Date: 10/27/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10390-1
Client ID: WG10390-Blank
SDG: WU3200
Extracted by: JP
Extraction Method: SW846 3550
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10390
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	160	1.0	330	330	160
58-90-2	2,3,4,6-Tetrachlorophenol	U	160	1.0	330	330	160
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	330	1.0	660	660	330
99-55-8	5-Nitro-O-Toluidine	U	330	1.0	660	660	330
3689-24-5	Sulfotepp	U	160	1.0	330	330	160
99-35-4	1,3,5-Trinitrobenzene	U	160	1.0	330	330	160
2303-16-4	Diallate	U	330	1.0	660	660	330
62-44-2	Phenacetin	U	160	1.0	330	330	160
60-51-5	Dimethoate	U	160	1.0	330	330	160
92-67-1	4-Aminobiphenyl	U	160	1.0	330	330	160
82-68-8	Pentachloronitrobenzene	U	160	1.0	330	330	160
23950-58-5	Pronamide	U	160	1.0	330	330	160
56-57-5	4-Nitroquinoline-1-Oxide	U	330	1.0	660	660	330
91-80-5	Methapyrilene	U	160	1.0	330	330	160
465-73-6	Isodrin	U	330	1.0	660	660	330
140-57-8	Aramite	U	330	1.0	660	660	330
60-11-7	p-Dimethylaminoazobenzene	U	330	1.0	660	660	330
510-15-6	Chlorobenzilate	U	330	1.0	660	660	330
143-50-0	Kepone	U	160	1.0	330	330	160
119-93-7	3,3'-Dimethylbenzidine	U	330	1.0	660	660	330
53-96-3	2-Acetylaminofluorene	U	160	1.0	330	330	160
56-49-5	3-Methylcholanthrene	U	160	1.0	330	330	160
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	160	1.0	330	330	160
70-30-4	Hexachlorophene	U	160	1.0	330	330	160
56-38-2	Parathion	U	160	1.0	330	330	160
88-85-7	Dinoseb	U	160	1.0	330	330	160
367-12-4	2-Fluorophenol		104%				
13127-88-3	Phenol-D6		91%				
4165-60-0	Nitrobenzene-D5		96%				
321-60-8	2-Fluorobiphenyl		105%				
118-79-6	2,4,6-Tribromophenol		J106%				
1718-51-0	Terphenyl-D14		J122%				

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Level:(low/med) LOW

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG10390-BLANK	WG10390-1	104	91	96	105	106J	122J			2
02	KWFCSB-MW11-04-0904	WU3200-10	90	83	81	94	85	97			0
03	KWFCSB-MW12-04-0904	WU3200-12	88	84	76	92	85	105			0
04	KWFCSB-DUP-00-0904	WU3200-13	99	88	85	103	104J	112J			2
05	KWFCSB-MW09-04-0904	WU3200-6	102	96	94	107	104J	119J			2
06	KWFCSB-MW07-04-0904	WU3200-2	102	88	87	101	93	120J			1
07	KWFCSB-MW10-04-0904	WU3200-8	96	88	74	87	91	103			0
08	KWFCSB-MW11-02-0904	WU3200-9	100	95	85	95	94	106			0
09	KWFCSB-MW12-02-0904	WU3200-11	79	73	72	85	89	114J			1
10	KWFCSB-MW07-02-0904	WU3200-1	100	91	88	102	90	123J			1
11	KWFCSB-MW09-02-0904	WU3200-5	109	101	93	109J	102J	155J			3
12	KWFCSB-SS02-04-0904	WU3200-17	101	93	84	101	104J	146J			2
13	KWFCSB-MW08-04-0904	WU3200-4	100	88	86	94	82	132J			1
14	WG10390-LCS	WG10390-2	103	102	90	113J	130J	127J			3
15	WG10390-LCSD	WG10390-3RA	120	121J	108	127J	124J	118J			4
16	KWFCSB-SS01-04-0904	WU3200-15RA	102	100	83	115J	108J	138J			3
17	KWFCSB-SS02-02-0904	WU3200-16	100	100	77	110J	102J	138J			3
18	KWFCSB-MW10-02-0904	WU3200-7	107	106	89	118J	113J	134J			3
19	KWFCSB-MW08-02-0904	WU3200-3	90	90	76	107	97	104			0
20	KWFCSB-SS01-02-0904	WU3200-14RA	105	104	82	118J	128J	130J			3
21											
22											
23											
24											
25											
26											
27											
28											

		QC LIMITS
S1 (2FP)	= 2-Fluorophenol	(40-130)
S2 (PHL)	= Phenol-D6	(35-120)
S3 (NBZ)	= Nitrobenzene-D5	(35-124)
S4 (FBP)	= 2-Fluorobiphenyl	(34-107)
S5 (TBP)	= 2,4,6-Tribromophenol	(37- 99)
S6 (TPH)	= Terphenyl-D14	(75-111)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10390-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: U9067 Lab Sample ID: WG10390-1

Instrument ID: GCMS-U Date Extracted: 09/30/04

Matrix: (soil/water) SOIL Date Analyzed: 10/25/04

Level:(low/med) LOW Time Analyzed: 1556

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	KWFCSB-MW11-04-0904	WU3200-10	U9068	10/25/04	1641
02	KWFCSB-MW12-04-0904	WU3200-12	U9069	10/25/04	1726
03	KWFCSB-DUP-00-0904	WU3200-13	U9070	10/25/04	1812
04	KWFCSB-MW09-04-0904	WU3200-6	U9071	10/25/04	1856
05	KWFCSB-MW07-04-0904	WU3200-2	U9072	10/25/04	1941
06	KWFCSB-MW10-04-0904	WU3200-8	U9073	10/25/04	2026
07	KWFCSB-MW11-02-0904	WU3200-9	U9074	10/25/04	2110
08	KWFCSB-MW12-02-0904	WU3200-11	U9075	10/25/04	2155
09	KWFCSB-MW07-02-0904	WU3200-1	U9076	10/25/04	2240
10	KWFCSB-MW09-02-0904	WU3200-5	U9077	10/25/04	2324
11	KWFCSB-SS02-04-0904	WU3200-17	U9078	10/26/04	0009
12	KWFCSB-MW08-04-0904	WU3200-4	U9080	10/26/04	0139
13	WG10390-LCS	WG10390-2	U9081	10/26/04	0224
14	WG10390-LCSD	WG10390-3RA	U9095	10/26/04	1738
15	KWFCSB-SS01-04-0904	WU3200-15RA	U9096	10/26/04	1823
16	KWFCSB-SS02-02-0904	WU3200-16	U9097	10/26/04	1907
17	KWFCSB-MW10-02-0904	WU3200-7	U9098	10/26/04	1951
18	KWFCSB-MW08-02-0904	WU3200-3	U9099	10/26/04	2036
19	KWFCSB-SS01-02-0904	WU3200-14RA	U9102	10/27/04	1305
20					
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29					
30					

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: UD834 DFTPP Injection Date: 10/25/04

Instrument ID: GCMS-U DFTPP Injection Time: 0824

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	40.6
68	Less than 2.0% of mass 69	0.6 (1.4)1
69	Less than 100.0% of mass 198	46.1
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	40.0 - 60.0% of mass 198	53.7
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	20.5
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	16.3 (86.8)2
442	40.0 - 100.0% of mass 198	96.3
443	17.0 - 23.0% of mass 442	18.7 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD072U1025	U9059	10/25/04	0932
02		SSTD180U1025	U9060	10/25/04	1017
03		SSTD144U1025	U9061	10/25/04	1102
04		SSTD108U1025	U9062	10/25/04	1146
05		SSTD036U1025	U9063	10/25/04	1231
06		SSTD009U1025	U9064	10/25/04	1316
07					
08					
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FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: UD835 DFTPP Injection Date: 10/25/04

Instrument ID: GCMS-U DFTPP Injection Time: 1450

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	43.0
68	Less than 2.0% of mass 69	0.4 (0.9)1
69	Less than 100.0% of mass 198	45.9
70	Less than 2.0% of mass 69	0.1 (0.3)1
127	40.0 - 60.0% of mass 198	50.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.5
365	1.0 - 100.0% of mass 198	2.1
441	0.0 - 100.0% of mass 443	16.8 (88.8)2
442	40.0 - 100.0% of mass 198	99.7
443	17.0 - 23.0% of mass 442	18.9 (18.9)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD072U1025	U9066	10/25/04	1512
02	WG10390-BLANK	WG10390-1	U9067	10/25/04	1556
03	KWFCSB-MW11-04-0904	WU3200-10	U9068	10/25/04	1641
04	KWFCSB-MW12-04-0904	WU3200-12	U9069	10/25/04	1726
05	KWFCSB-DUP-00-0904	WU3200-13	U9070	10/25/04	1812
06	KWFCSB-MW09-04-0904	WU3200-6	U9071	10/25/04	1856
07	KWFCSB-MW07-04-0904	WU3200-2	U9072	10/25/04	1941
08	KWFCSB-MW10-04-0904	WU3200-8	U9073	10/25/04	2026
09	KWFCSB-MW11-02-0904	WU3200-9	U9074	10/25/04	2110
10	KWFCSB-MW12-02-0904	WU3200-11	U9075	10/25/04	2155
11	KWFCSB-MW07-02-0904	WU3200-1	U9076	10/25/04	2240
12	KWFCSB-MW09-02-0904	WU3200-5	U9077	10/25/04	2324
13	KWFCSB-SS02-04-0904	WU3200-17	U9078	10/26/04	0009
14	KWFCSB-MW08-04-0904	WU3200-4	U9080	10/26/04	0139
15	WG10390-LCS	WG10390-2	U9081	10/26/04	0224
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: UD836 DFTPP Injection Date: 10/26/04

Instrument ID: GCMS-U DFTPP Injection Time: 0855

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.3
68	Less than 2.0% of mass 69	0.5 (0.9)1
69	Less than 100.0% of mass 198	54.6
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	56.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.6
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	15.4 (87.3)2
442	40.0 - 100.0% of mass 198	90.9
443	17.0 - 23.0% of mass 442	17.6 (19.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD036U1026	U9089	10/26/04	1301
02		SSTD009U1026	U9090	10/26/04	1346
03		SSTD072U1026	U9091	10/26/04	1440
04		SSTD180U1026	U9092	10/26/04	1525
05		SSTD144U1026	U9093	10/26/04	1609
06		SSTD108U1026	U9094	10/26/04	1654
07	WG10390-LCSD	WG10390-3RA	U9095	10/26/04	1738
08	KWFCSB-SS01-04-0904	WU3200-15RA	U9096	10/26/04	1823
09	KWFCSB-SS02-02-0904	WU3200-16	U9097	10/26/04	1907
10	KWFCSB-MW10-02-0904	WU3200-7	U9098	10/26/04	1951
11	KWFCSB-MW08-02-0904	WU3200-3	U9099	10/26/04	2036
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab File ID: UD837 DFTPP Injection Date: 10/27/04

Instrument ID: GCMS-U DFTPP Injection Time: 1200

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.6
68	Less than 2.0% of mass 69	0.9 (1.9)1
69	Less than 100.0% of mass 198	49.2
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	54.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.9
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	16.1 (87.6)2
442	40.0 - 100.0% of mass 198	95.3
443	17.0 - 23.0% of mass 442	18.4 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD072U1027	U9101	10/27/04	1220
02	KWFCSB-SS01-02-0904	WU3200-14RA	U9102	10/27/04	1305
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date(s): 10/26/04 10/26/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0915 1654

LAB FILE ID: RF9: U9090 RF36: U9089 RF72: U9091
RF108: U9094 RF144: U9093 RF180: U9092

COMPOUND	RF9	RF36	RF72	RF108	RF144	RF180	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
0,0-diethyl-o-2-pyrazinyl	0.207	0.224	0.226	0.201	0.191	0.190	AVRG		0.20651339		7.603	15.000	
5-Nitro-O-Toluidine	0.214	0.240	0.245	0.208	0.242	0.224	AVRG		0.22894578		6.882	15.000	
Sulfotepp	0.143	0.152	0.178	0.170	0.168	0.171	AVRG		0.16368550		8.081	15.000	
1,3,5-Trinitrobenzene	46835	195430	578100	704880	1156500	1669000	2ORDR	0.10946632	5.46076656	-1.5924572	0.99617	0.99000	
Diallate	0.348	0.338	0.354	0.338	0.328	0.310	AVRG		0.33609339		4.613	15.000	
Phenacetin	118220	458430	1267100	1444000	2313200	3452300	2ORDR	6.192e-002	2.68447687	-0.3776131	0.99712	0.99000	
Dimethoate	0.277	0.268	0.294	0.256	0.232	0.157	AVRG		0.24729837		19.716	15.000	<
4-Aminobiphenyl	0.459	0.492	0.630	0.583	0.619	0.651	AVRG		0.57235602		13.788	15.000	
Pentachloronitrobenzene	0.054	0.064	0.072	0.067	0.072	0.080	AVRG		6.82e-002		12.810	15.000	
Pronamide	0.286	0.292	0.301	0.284	0.293	0.283	AVRG		0.28991912		2.359	15.000	
4-Nitroquinoline-1-Oxide	0.010	0.026	0.045	0.044	0.056	0.051	AVRG		3.888e-002		44.779	15.000	<
Methapyrilene	0.153	0.143	0.153	0.150	0.145	0.107	AVRG		0.14186854		12.467	15.000	
Isodrin	0.089	0.095	0.111	0.102	0.104	0.103	AVRG		0.10072439		7.768	15.000	
Aramite	0.054	0.063	0.069	0.067	0.068	0.068	AVRG		6.488e-002		8.408	15.000	
p-Dimethylaminoazobenzene	0.214	0.246	0.269	0.257	0.253	0.272	AVRG		0.25190031		8.309	15.000	
Chlorobenzilate	0.345	0.389	0.412	0.369	0.351	0.369	AVRG		0.37262253		6.635	15.000	
Kepone							AVRG					0.000	<
3,3'-Dimethylbenzidine	0.224	0.253	0.246	0.233	0.312	0.301	AVRG		0.26145655		13.932	15.000	
2-Acetylaminofluorene	41665	209900	603460	766510	1485700	1701900	2ORDR	6.621e-002	2.84271154	-0.3298306	0.99114	0.99000	
3-Methylcholanthrene	0.178	0.250	0.292	0.299	0.365	0.282	AVRG		0.27796290		22.194	15.000	<
7,12-Dimethylbenz(A)Anthr	0.366	0.536	0.593	0.630	0.514	0.584	AVRG		0.53713757		17.376	15.000	<
Hexachlorophene							AVRG					0.000	<
Parathion	0.059	0.068	0.086	0.081	0.085	0.089	AVRG		7.805e-002		15.325	15.000	<
Dinoseb	37012	204120	572540	634350	878500	1170600	LINR	0.12309444	5.05423602		0.99632	0.99000	
2-Fluorophenol	1.037	1.101	1.185	1.140	1.091	0.989	AVRG		1.09066840		6.438	15.000	
Phenol-D6	1.351	1.425	1.567	1.440	1.412	1.330	AVRG		1.42091063		5.874	15.000	
Nitrobenzene-D5	0.316	0.330	0.366	0.334	0.345	0.329	AVRG		0.33680301		5.117	15.000	
2-Fluorobiphenyl	0.999	1.024	0.927	0.817	0.742	0.617	AVRG		0.85433706		18.533	15.000	<
2,4,6-Tribromophenol	0.095	0.113	0.116	0.113	0.113	0.096	AVRG		0.10766987		8.796	15.000	
Terphenyl-D14	0.863	0.990	0.946	0.853	0.799	0.827	AVRG		0.87956648		8.329	15.000	

Average %RSD test result.

Calculate Average %RSD: 13.45084190
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/25/04 Time: 1512

Lab File ID: U9066 Init. Calib. Date(s): 10/25/04 10/25/04

Init. Calib. Times: 0932 1316

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Picoline	1.4540000	1.4563000	1.4563000	0.01	0.16	100.00	AVRG
Pyridine	1.4780000	1.0426000	1.0426000	0.01	-29.46	100.00	AVRG
N-Nitrosodimethylamine	0.5570000	0.5249400	0.5249400	0.01	-5.76	100.00	AVRG
Aniline	2.0780000	2.0062000	2.0062000	0.01	-3.46	100.00	AVRG
Phenol	1.6850000	1.5511000	1.5511000	0.01	-7.95	20.00	AVRG
Bis(2-Chloroethyl)ether	1.3210000	1.2604000	1.2604000	0.01	-4.59	100.00	AVRG
2-Chlorophenol	1.2200000	1.2838000	1.2838000	0.01	5.23	100.00	AVRG
Benzyl alcohol	67.329000	72.000000	0.7065500	0.01	-6.49	100.00	LINR
Bis(2-Chloroisopropyl)ether	1.6940000	1.5329000	1.5329000	0.01	-9.51	100.00	AVRG
2-Methylphenol	1.1260000	1.1066000	1.1066000	0.01	-1.72	100.00	AVRG
Hexachloroethane	0.4410000	0.4318100	0.4318100	0.01	-2.08	100.00	AVRG
N-Nitroso-di-n-propylamine	1.0290000	0.9345400	0.9345400	0.05	-9.18	100.00	AVRG
3&4-Methylphenol	1.2650000	1.3348000	1.3348000	0.01	5.52	100.00	AVRG
Nitrobenzene	0.3360000	0.3416100	0.3416100	0.01	1.67	100.00	AVRG
Isophorone	0.5700000	0.6258400	0.6258400	0.01	9.80	100.00	AVRG
2-Nitrophenol	0.1620000	0.1813600	0.1813600	0.01	11.95	20.00	AVRG
2,4-Dimethyphenol	0.2970000	0.3112900	0.3112900	0.01	4.81	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.4130000	0.4261600	0.4261600	0.01	3.19	100.00	AVRG
2,4-Dichlorophenol	0.2110000	0.2499500	0.2499500	0.01	18.46	20.00	AVRG
Naphthalene	0.7660000	0.8733400	0.8733400	0.01	14.01	100.00	AVRG
4-Chloroaniline	0.3110000	0.3821700	0.3821700	0.01	22.88	100.00	AVRG
Hexachlorobutadiene	82.570000	72.000000	0.1226900	0.01	14.68	20.00	2RDR
4-Chloro-3-Methylphenol	0.2510000	0.2627200	0.2627200	0.01	4.67	20.00	AVRG
2-Methylnaphthalene	0.5460000	0.6145200	0.6145200	0.01	12.55	100.00	AVRG
Hexachlorocyclopentadiene	0.1720000	0.2045200	0.2045200	0.05	18.91	100.00	AVRG
2,4,6-Trichlorophenol	0.2510000	0.2725000	0.2725000	0.01	8.56	20.00	AVRG
2,4,5-Trichlorophenol	0.2600000	0.2886700	0.2886700	0.01	11.03	100.00	AVRG
2-Chloronaphthalene	0.8750000	1.4030000	1.4030000	0.01	60.34	100.00	AVRG
2-Nitroaniline	0.2980000	0.2806200	0.2806200	0.01	-5.83	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/25/04 Time: 1512

Lab File ID: U9066 Init. Calib. Date(s): 10/25/04 10/25/04

Init. Calib. Times: 0932 1316

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acenaphthylene	68.822000	72.000000	1.3018000	0.01	-4.41	100.00	2RDR
Dimethyl Phthalate	0.8920000	0.8740900	0.8740900	0.01	-2.01	100.00	AVRG
2,6-Dinitrotoluene	0.2280000	0.2386100	0.2386100	0.01	4.65	100.00	AVRG
Acenaphthene	0.8560000	0.9136200	0.9136200	0.01	6.73	20.00	AVRG
3-Nitroaniline	0.2400000	0.2621600	0.2621600	0.01	9.23	100.00	AVRG
2,4-Dinitrophenol	80.006000	72.000000	9.31e-002	0.05	11.12	100.00	2RDR
Dibenzofuran	1.1140000	1.1800000	1.1800000	0.01	5.92	100.00	AVRG
4-Nitrophenol	70.296000	72.000000	5.12e-002	0.05	-2.37	100.00	2RDR
2,4-Dinitrotoluene	0.2810000	0.2978900	0.2978900	0.01	6.01	100.00	AVRG
Fluorene	0.9090000	0.9866700	0.9866700	0.01	8.54	100.00	AVRG
Diethylphthalate	0.8900000	1.0306000	1.0306000	0.01	15.80	100.00	AVRG
4-Chlorophenyl-phenylether	0.3550000	0.4463900	0.4463900	0.01	25.74	100.00	AVRG
4-Nitroaniline	0.1790000	0.1897700	0.1897700	0.01	6.02	100.00	AVRG
4,6-Dinitro-2-Methylphenol	9.6e-002	0.1191400	0.1191400	0.01	24.10	100.00	AVRG
N-Nitrosodiphenylamine/DPA	0.5670000	0.6597400	0.6597400	0.01	16.36	20.00	AVRG
4-Bromophenyl-phenylether	75.404000	72.000000	0.1437700	0.01	4.73	100.00	2RDR
Hexachlorobenzene	0.2000000	0.2209400	0.2209400	0.01	10.47	100.00	AVRG
Pentachlorophenol	74.485000	72.000000	9.01e-002	0.01	3.45	20.00	2RDR
Phenanthrene	0.9140000	0.9366200	0.9366200	0.01	2.47	100.00	AVRG
Anthracene	0.8760000	0.9237600	0.9237600	0.01	5.45	100.00	AVRG
Di-n-butylphthalate	1.0580000	1.1036000	1.1036000	0.01	4.31	100.00	AVRG
Fluoranthene	0.7300000	0.7671600	0.7671600	0.01	5.09	20.00	AVRG
Pyrene	2.0580000	2.0325000	2.0325000	0.01	-1.24	100.00	AVRG
Butylbenzylphthalate	0.9720000	0.9248300	0.9248300	0.01	-4.85	100.00	AVRG
Benzo(a)anthracene	1.0580000	1.0577000	1.0577000	0.01	-0.03	100.00	AVRG
Chrysene	0.9550000	0.9761400	0.9761400	0.01	2.21	100.00	AVRG
3,3'-Dichlorobenzidine	70.765000	72.000000	0.2999600	0.01	-1.72	100.00	LINR
bis(2-Ethylhexyl)phthalate	1.2320000	1.2074000	1.2074000	0.01	-2.00	100.00	AVRG
Di-n-octylphthalate	64.799000	72.000000	2.9720000	0.01	-10.00	20.00	2RDR

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/25/04 Time: 1512

Lab File ID: U9066 Init. Calib. Date(s): 10/25/04 10/25/04

Init. Calib. Times: 0932 1316

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Benzo(b)fluoranthene	71.422000	72.000000	1.5463000	0.01	-0.80	100.00	2RDR
Benzo(k)fluoranthene	66.430000	72.000000	1.9740000	0.01	-7.74	100.00	LINR
Benzo(a)pyrene	72.047000	72.000000	1.2184000	0.01	0.06	20.00	2RDR
Indeno(1,2,3-cd)pyrene	72.351000	72.000000	1.1191000	0.01	0.49	100.00	2RDR
Dibenzo(a,h)anthracene	71.200000	72.000000	0.9090100	0.01	-1.11	100.00	2RDR
Benzo(g,h,i)perylene	72.628000	72.000000	0.8307000	0.01	0.87	100.00	2RDR
N-Nitrosomethylethylamine	0.5970000	0.5848500	0.5848500	0.01	-2.04	100.00	AVRG
Methyl Methanesulfonate	0.6650000	0.6424600	0.6424600	0.01	-3.39	100.00	AVRG
N-Nitrosodiethylamine	0.6440000	0.6322600	0.6322600	0.01	-1.82	100.00	AVRG
Ethyl Methanesulfonate	1.0380000	0.9737700	0.9737700	0.01	-6.19	100.00	AVRG
N-Nitrosopyrrolidine	0.6390000	0.6799600	0.6799600	0.01	6.41	100.00	AVRG
N-Nitrosomorpholine	0.7120000	0.6566600	0.6566600	0.01	-7.77	100.00	AVRG
o-Toluidine	0.4650000	0.4639000	0.4639000	0.01	-0.24	100.00	AVRG
Acetophenone	0.4310000	0.4566900	0.4566900	0.01	5.96	100.00	AVRG
N-Nitrosopiperidine	0.1610000	0.1727100	0.1727100	0.01	7.27	100.00	AVRG
O,O,O-Triethylphosphorothioa	0.1130000	0.1419300	0.1419300	0.01	25.60	100.00	AVRG
2,6-Dichlorophenol	0.1890000	0.2313500	0.2313500	0.01	22.41	100.00	AVRG
Hexachloropropene	9.2e-002	0.1368700	0.1368700	0.01	48.77	100.00	AVRG
A,A-Dimethylphenethylamine	0.5610000	0.5672000	0.5672000	0.01	1.10	100.00	AVRG
N-Nitroso-Di-N-Butylamine	0.2680000	0.3058300	0.3058300	0.01	14.12	100.00	AVRG
Isosafrole	0.1990000	0.2214800	0.2214800	0.01	11.30	100.00	AVRG
p-Phenylenediamine	0.2890000	0.2522200	0.2522200	0.01	-12.73	100.00	AVRG
1,2,4,5-Tetrachlorobenzene	0.3680000	0.4004700	0.4004700	0.01	8.82	100.00	AVRG
Safrole	0.1590000	0.1654300	0.1654300	0.01	4.04	100.00	AVRG
1,4-Naphthoquinone	0.1690000	0.1602700	0.1602700	0.01	-5.16	100.00	AVRG
1,3-Dinitrobenzene	0.1440000	0.1470500	0.1470500	0.01	2.12	100.00	AVRG
Pentachlorobenzene	0.2940000	0.3336200	0.3336200	0.01	13.48	100.00	AVRG
2-Naphthylamine	0.7530000	0.8051100	0.8051100	0.01	6.92	100.00	AVRG
1-Naphthylamine	0.8840000	0.8938000	0.8938000	0.01	1.11	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/25/04 Time: 1512

Lab File ID: U9066 Init. Calib. Date(s): 10/25/04 10/25/04

Init. Calib. Times: 0932 1316

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,3,4,6-Tetrachlorophenol	0.1900000	0.2030500	0.2030500	0.01	6.87	100.00	AVRG	
0,0-diethyl-o-2-pyrazinylpho	0.2250000	0.2361700	0.2361700	0.01	4.96	100.00	AVRG	
5-Nitro-O-Toluidine	0.2400000	0.2576700	0.2576700	0.01	7.36	100.00	AVRG	
Sulfotepp	0.1360000	0.1411400	0.1411400	0.01	3.78	100.00	AVRG	
1,3,5-Trinitrobenzene	71.806000	72.000000	0.1390400	0.01	-0.27	100.00	2RDR	
Diallate	0.3090000	0.3118800	0.3118800	0.01	0.93	100.00	AVRG	
Phenacetin	73.846000	72.000000	0.3348000	0.01	2.56	100.00	2RDR	
Dimethoate	63.806000	72.000000	0.2620200	0.01	-11.38	100.00	2RDR	
4-Aminobiphenyl	0.5060000	0.5338100	0.5338100	0.01	5.50	100.00	AVRG	
Pentachloronitrobenzene	6.e-002	6.34e-002	6.34e-002	0.01	5.67	100.00	AVRG	
Pronamide	0.2860000	0.2997900	0.2997900	0.01	4.82	100.00	AVRG	
4-Nitroquinoline-1-Oxide	67.995000	72.000000	3.67e-002	0.01	-5.56	100.00	LINR	
Methapyrilene	0.1270000	0.1302900	0.1302900	0.01	2.59	100.00	AVRG	
Isodrin	0.1010000	0.1088700	0.1088700	0.01	7.79	100.00	AVRG	
Aramite	9.1e-002	8.61e-002	8.61e-002	0.01	-5.38	100.00	AVRG	
p-Dimethylaminoazobenzene	0.3450000	0.3313700	0.3313700	0.01	-3.95	100.00	AVRG	
Chlorobenzilate	0.5330000	0.5334200	0.5334200	0.01	0.08	100.00	AVRG	
Kepone	0.0000000			0.01	0.00	100.00	AVRG	<-
3,3'-Dimethylbenzidine	0.2540000	0.2795100	0.2795100	0.01	10.04	100.00	AVRG	
2-Acetylaminofluorene	73.346000	72.000000	0.3269000	0.01	1.87	100.00	LINR	
3-Methylcholanthrene	0.1930000	0.2164400	0.2164400	0.01	12.14	100.00	AVRG	
7,12-Dimethylbenz(A)Anthrace	71.422000	72.000000	0.8019000	0.01	-0.80	100.00	2RDR	
Hexachlorophene	0.0000000			0.01	0.00	100.00	AVRG	<-
Parathion	7.3e-002	7.88e-002	7.88e-002	0.01	7.94	100.00	AVRG	
Dinoseb	69.032000	72.000000	0.1619100	0.01	-4.12	100.00	LINR	
2-Fluorophenol	1.1260000	1.1390000	1.1390000	0.01	1.15	100.00	AVRG	
Phenol-D6	1.5180000	1.4656000	1.4656000	0.01	-3.45	100.00	AVRG	
Nitrobenzene-D5	0.3360000	0.3480500	0.3480500	0.01	3.59	100.00	AVRG	

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/25/04 Time: 1512

Lab File ID: U9066 Init. Calib. Date(s): 10/25/04 10/25/04

Init. Calib. Times: 0932 1316

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Fluorobiphenyl	0.9420000	1.0235000	1.0235000	0.01	8.65	100.00	AVRG
2,4,6-Tribromophenol	0.1060000	0.1137200	0.1137200	0.01	7.28	100.00	AVRG
Terphenyl-D14	1.3360000	1.3849000	1.3849000	0.01	3.66	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Picoline	1.4300000	1.5166000	1.5166000	0.01	6.06	100.00	AVRG
Pyridine	1.2070000	1.1696000	1.1696000	0.01	-3.10	100.00	AVRG
N-Nitrosodimethylamine	0.6690000	0.4783500	0.4783500	0.01	-28.50	100.00	AVRG
Aniline	1.9920000	2.0059000	2.0059000	0.01	0.70	100.00	AVRG
Phenol	1.5600000	1.6567000	1.6567000	0.01	6.20	20.00	AVRG
Bis(2-Chloroethyl)ether	1.2260000	1.2652000	1.2652000	0.01	3.20	100.00	AVRG
2-Chlorophenol	1.1480000	1.2696000	1.2696000	0.01	10.59	100.00	AVRG
Benzyl alcohol	0.6810000	0.7768200	0.7768200	0.01	14.07	100.00	AVRG
Bis(2-Chloroisopropyl)ether	1.5930000	1.3846000	1.3846000	0.01	-13.08	100.00	AVRG
2-Methylphenol	1.1240000	1.2376000	1.2376000	0.01	10.11	100.00	AVRG
Hexachloroethane	0.4160000	0.4146800	0.4146800	0.01	-0.32	100.00	AVRG
N-Nitroso-di-n-propylamine	0.9780000	0.8916700	0.8916700	0.05	-8.83	100.00	AVRG
3&4-Methylphenol	1.2260000	1.3001000	1.3001000	0.01	6.04	100.00	AVRG
Nitrobenzene	0.3330000	0.3180400	0.3180400	0.01	-4.49	100.00	AVRG
Isophorone	0.5570000	0.5812500	0.5812500	0.01	4.35	100.00	AVRG
2-Nitrophenol	0.1580000	0.1728300	0.1728300	0.01	9.39	20.00	AVRG
2,4-Dimethyphenol	0.2890000	0.3017300	0.3017300	0.01	4.40	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3840000	0.4038700	0.4038700	0.01	5.17	100.00	AVRG
2,4-Dichlorophenol	0.2000000	0.2286400	0.2286400	0.01	14.32	20.00	AVRG
Naphthalene	68.100000	72.000000	0.7859400	0.01	-5.42	100.00	2RDR
4-Chloroaniline	0.2860000	0.3383700	0.3383700	0.01	18.31	100.00	AVRG
Hexachlorobutadiene	9.4e-002	0.1039200	0.1039200	0.01	10.55	20.00	AVRG
4-Chloro-3-Methylphenol	0.2460000	0.2499200	0.2499200	0.01	1.59	20.00	AVRG
2-Methylnaphthalene	0.5370000	0.5272800	0.5272800	0.01	-1.81	100.00	AVRG
Hexachlorocyclopentadiene	0.1440000	0.1615100	0.1615100	0.05	12.16	100.00	AVRG
2,4,6-Trichlorophenol	0.2350000	0.2672600	0.2672600	0.01	13.73	20.00	AVRG
2,4,5-Trichlorophenol	0.2480000	0.2826000	0.2826000	0.01	13.95	100.00	AVRG
2-Chloronaphthalene	1.0660000	1.1921000	1.1921000	0.01	11.83	100.00	AVRG
2-Nitroaniline	0.3200000	0.2812900	0.2812900	0.01	-12.10	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acenaphthylene	65.045000	72.000000	1.1510000	0.01	-9.66	100.00	2RDR
Dimethyl Phthalate	0.8540000	0.8258600	0.8258600	0.01	-3.30	100.00	AVRG
2,6-Dinitrotoluene	0.2270000	0.2441100	0.2441100	0.01	7.54	100.00	AVRG
Acenaphthene	65.938000	72.000000	0.8126500	0.01	-8.42	20.00	2RDR
3-Nitroaniline	0.2300000	0.2476400	0.2476400	0.01	7.67	100.00	AVRG
2,4-Dinitrophenol	73.018000	72.000000	0.1062200	0.05	1.41	100.00	2RDR
Dibenzofuran	1.0780000	1.1214000	1.1214000	0.01	4.03	100.00	AVRG
4-Nitrophenol	6.e-002	7.17e-002	7.17e-002	0.05	19.50	100.00	AVRG
2,4-Dinitrotoluene	0.2570000	0.2912500	0.2912500	0.01	13.33	100.00	AVRG
Fluorene	0.8700000	0.8717400	0.8717400	0.01	0.20	100.00	AVRG
Diethylphthalate	0.8490000	0.9535300	0.9535300	0.01	12.31	100.00	AVRG
4-Chlorophenyl-phenylether	0.3300000	0.3830500	0.3830500	0.01	16.08	100.00	AVRG
4-Nitroaniline	73.466000	72.000000	0.2063300	0.01	2.04	100.00	2RDR
4,6-Dinitro-2-Methylphenol	0.1040000	0.1321000	0.1321000	0.01	27.02	100.00	AVRG
N-Nitrosodiphenylamine/DPA	0.5760000	0.6462400	0.6462400	0.01	12.19	20.00	AVRG
4-Bromophenyl-phenylether	62.442000	72.000000	0.1222900	0.01	-13.28	100.00	2RDR
Hexachlorobenzene	0.1990000	0.2049000	0.2049000	0.01	2.96	100.00	AVRG
Pentachlorophenol	76.496000	72.000000	0.1120300	0.01	6.24	20.00	2RDR
Phenanthrene	0.9700000	0.9634800	0.9634800	0.01	-0.67	100.00	AVRG
Anthracene	0.9430000	0.9619500	0.9619500	0.01	2.01	100.00	AVRG
Di-n-butylphthalate	1.1880000	1.2121000	1.2121000	0.01	2.03	100.00	AVRG
Fluoranthene	66.312000	72.000000	0.7937100	0.01	-7.90	20.00	LINR
Pyrene	1.4160000	1.5340000	1.5340000	0.01	8.33	100.00	AVRG
Butylbenzylphthalate	0.7220000	0.8055400	0.8055400	0.01	11.57	100.00	AVRG
Benzo(a)anthracene	0.9690000	0.9874900	0.9874900	0.01	1.91	100.00	AVRG
Chrysene	0.8840000	0.9171100	0.9171100	0.01	3.74	100.00	AVRG
3,3'-Dichlorobenzidine	0.2910000	0.3144700	0.3144700	0.01	8.06	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.9130000	1.0401000	1.0401000	0.01	13.92	100.00	AVRG
Di-n-octylphthalate	1.9280000	2.2612000	2.2612000	0.01	17.28	20.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Benzo(b)fluoranthene	63.914000	72.000000	1.3028000	0.01	-11.23	100.00	LINR
Benzo(k)fluoranthene	1.3680000	1.4147000	1.4147000	0.01	3.41	100.00	AVRG
Benzo(a)pyrene	65.022000	72.000000	1.0615000	0.01	-9.69	20.00	LINR
Indeno(1,2,3-cd)pyrene	65.412000	72.000000	1.0491000	0.01	-9.15	100.00	LINR
Dibenzo(a,h)anthracene	59.959000	72.000000	0.8783300	0.01	-16.72	100.00	2RDR
Benzo(g,h,i)perylene	66.699000	72.000000	0.7752900	0.01	-7.36	100.00	LINR
N-Nitrosomethylethylamine	0.5900000	0.6237000	0.6237000	0.01	5.71	100.00	AVRG
Methyl Methanesulfonate	0.7120000	0.6554100	0.6554100	0.01	-7.95	100.00	AVRG
N-Nitrosodiethylamine	0.6220000	0.6509700	0.6509700	0.01	4.66	100.00	AVRG
Ethyl Methanesulfonate	1.0050000	0.9798000	0.9798000	0.01	-2.51	100.00	AVRG
N-Nitrosopyrrolidine	0.5820000	0.6916200	0.6916200	0.01	18.84	100.00	AVRG
N-Nitrosomorpholine	0.7560000	0.6565300	0.6565300	0.01	-13.16	100.00	AVRG
o-Toluidine	0.4160000	0.4170200	0.4170200	0.01	0.24	100.00	AVRG
Acetophenone	0.4170000	0.4210200	0.4210200	0.01	0.96	100.00	AVRG
N-Nitrosopiperidine	0.1540000	0.1659200	0.1659200	0.01	7.74	100.00	AVRG
O,O,O-Triethylphosphorothioa	0.1060000	0.1156500	0.1156500	0.01	9.10	100.00	AVRG
2,6-Dichlorophenol	74.897000	72.000000	0.1909300	0.01	4.02	100.00	2RDR
Hexachloropropene	9.2e-002	0.1120900	0.1120900	0.01	21.84	100.00	AVRG
A,A-Dimethylphenethylamine	0.4680000	0.5669000	0.5669000	0.01	21.13	100.00	AVRG
N-Nitroso-Di-N-Butylamine	0.2560000	0.2830600	0.2830600	0.01	10.57	100.00	AVRG
Isosafrole	0.1770000	0.1800200	0.1800200	0.01	1.71	100.00	AVRG
p-Phenylenediamine	0.3020000	0.3365800	0.3365800	0.01	11.45	100.00	AVRG
1,2,4,5-Tetrachlorobenzene	68.812000	72.000000	0.3485800	0.01	-4.43	100.00	2RDR
Safrole	0.1700000	0.1680000	0.1680000	0.01	-1.18	100.00	AVRG
1,4-Naphthoquinone	0.1730000	0.1907800	0.1907800	0.01	10.28	100.00	AVRG
1,3-Dinitrobenzene	0.1370000	0.1334200	0.1334200	0.01	-2.61	100.00	AVRG
Pentachlorobenzene	0.2780000	0.2878100	0.2878100	0.01	3.53	100.00	AVRG
2-Naphthylamine	0.7690000	0.8726300	0.8726300	0.01	13.48	100.00	AVRG
1-Naphthylamine	0.8260000	0.8987900	0.8987900	0.01	8.81	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,3,4,6-Tetrachlorophenol	0.1940000	0.2126200	0.2126200	0.01	9.60	100.00	AVRG	
0,0-diethyl-o-2-pyrazinylpho	0.2060000	0.2285200	0.2285200	0.01	10.93	100.00	AVRG	
5-Nitro-O-Toluidine	0.2290000	0.2523500	0.2523500	0.01	10.20	100.00	AVRG	
Sulfotepp	0.1640000	0.1533900	0.1533900	0.01	-6.47	100.00	AVRG	
1,3,5-Trinitrobenzene	61.300000	72.000000	0.1578500	0.01	-14.86	100.00	2RDR	
Diallate	0.3360000	0.3114600	0.3114600	0.01	-7.30	100.00	AVRG	
Phenacetin	69.435000	72.000000	0.3837100	0.01	-3.56	100.00	2RDR	
Dimethoate	0.2470000	0.3315200	0.3315200	0.01	34.22	100.00	AVRG	
4-Aminobiphenyl	0.5720000	0.6373500	0.6373500	0.01	11.42	100.00	AVRG	
Pentachloronitrobenzene	6.8e-002	6.6e-002	6.6e-002	0.01	-2.94	100.00	AVRG	
Pronamide	0.2900000	0.2891400	0.2891400	0.01	-0.30	100.00	AVRG	
4-Nitroquinoline-1-Oxide	3.9e-002	4.54e-002	4.54e-002	0.01	16.41	100.00	AVRG	
Methapyrilene	0.1420000	0.1929100	0.1929100	0.01	35.85	100.00	AVRG	
Isodrin	0.1010000	0.1053500	0.1053500	0.01	4.31	100.00	AVRG	
Aramite	6.5e-002	9.e-002	9.e-002	0.01	38.46	100.00	AVRG	
p-Dimethylaminoazobenzene	0.2520000	0.3001700	0.3001700	0.01	19.12	100.00	AVRG	
Chlorobenzilate	0.3720000	0.4529500	0.4529500	0.01	21.76	100.00	AVRG	
Kepone	0.0000000			0.01	0.00	100.00	AVRG	<-
3,3'-Dimethylbenzidine	0.2620000	0.3116500	0.3116500	0.01	18.95	100.00	AVRG	
2-Acetylaminofluorene	74.522000	72.000000	0.3815600	0.01	3.50	100.00	2RDR	
3-Methylcholanthrene	0.2780000	0.2665100	0.2665100	0.01	-4.13	100.00	AVRG	
7,12-Dimethylbenz(A)Anthrace	0.5370000	0.5685200	0.5685200	0.01	5.87	100.00	AVRG	
Hexachlorophene	0.0000000			0.01	0.00	100.00	AVRG	<-
Parathion	7.8e-002	8.61e-002	8.61e-002	0.01	10.38	100.00	AVRG	
Dinoseb	70.250000	72.000000	0.1795100	0.01	-2.43	100.00	LINR	
2-Fluorophenol	1.0900000	1.1884000	1.1884000	0.01	9.03	100.00	AVRG	
Phenol-D6	1.4210000	1.4676000	1.4676000	0.01	3.28	100.00	AVRG	
Nitrobenzene-D5	0.3370000	0.3253200	0.3253200	0.01	-3.46	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Fluorobiphenyl	0.8540000	0.8780400	0.8780400	0.01	2.82	100.00	AVRG
2,4,6-Tribromophenol	0.1080000	0.1257400	0.1257400	0.01	16.43	100.00	AVRG
Terphenyl-D14	0.8800000	1.0066000	1.0066000	0.01	14.39	100.00	AVRG

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/27/04
Analysis Date: 10/08/04
Report Date: 10/13/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10264-1
Client ID: WG10264-Blank
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10264
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.5	1.0	2.5	2.5	0.74
58-89-9	gamma BHC	U	2.5	1.0	2.5	2.5	0.73
76-44-8	Heptachlor	U	2.5	1.0	2.5	2.5	0.60
319-85-7	beta-BHC	U	2.5	1.0	2.5	2.5	0.72
309-00-2	Aldrin	U	2.5	1.0	2.5	2.5	1.1
319-86-8	delta-BHC	U	2.5	1.0	2.5	2.5	0.96
1024-57-3	Heptachlor Epoxide	U	2.5	1.0	2.5	2.5	0.77
959-98-8	Endosulfan I	U	2.5	1.0	2.5	2.5	0.84
72-55-9	4,4'-DDE	U	5.0	1.0	5.0	5.0	1.4
60-57-1	Dieldrin	U	5.0	1.0	5.0	5.0	1.1
72-20-8	Endrin	U	5.0	1.0	5.0	5.0	0.70
72-54-8	4,4'-DDD	U	5.0	1.0	5.0	5.0	1.1
33213-65-9	Endosulfan II	U	5.0	1.0	5.0	5.0	0.90
50-29-3	4,4'-DDT	U	5.0	1.0	5.0	5.0	0.91
7421-36-3	Endrin Aldehyde	U	5.0	1.0	5.0	5.0	0.79
1031-07-8	Endosulfan sulfate	U	5.0	1.0	5.0	5.0	0.76
72-43-5	Methoxychlor	U	25	1.0	25	25	0.80
8001-35-2	Toxaphene	U	250	1.0	250	250	12
12789-03-6	Chlordane	U	50	1.0	50	50	7.0
877-09-8	Tetrachloro-m-Xylene		105%				
2051-24-3	Decachlorobiphenyl		107%				

FORM 2

SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column(1): RTX-CLPI ID: 0.53 (mm) GC Column(2): RTX-CLPII ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG10264-BLANK	WG10264-1	102	105	107	105			0
02	WG10264-LCS	WG10264-2	75	76	75	77			0
03	WG10264-LCSD	WG10264-3	85	86	95	95			0
04	KWFCSB-MW07-02-0904	WU3200-1	82	83	85	84			0
05	KWFCSB-MW07-04-0904	WU3200-2	90	89	95	95			0
06	KWFCSB-MW08-02-0904	WU3200-3	68	67	70	73			0
07	KWFCSB-MW08-04-0904	WU3200-4	75	72	75	73			0
08	KWFCSB-MW09-02-0904	WU3200-5	73	72	76	74			0
09	KWFCSB-MW09-04-0904	WU3200-6	72	70	66	64			0
10	KWFCSB-MW10-02-0904	WU3200-7	79	80	68	72			0
11	KWFCSB-MW10-04-0904	WU3200-8	95	91	77	81			0
12	KWFCSB-MW11-02-0904	WU3200-9	78	76	67	66			0
13	KWFCSB-MW11-04-0904	WU3200-10	83	80	68	65			0
14	KWFCSB-MW12-02-0904	WU3200-11	74	70	83	82			0
15	KWFCSB-MW12-04-0904	WU3200-12	72	69	83	81			0
16	KWFCSB-DUP-00-0904	WU3200-13	68	65	68	66			0
17	KWFCSB-SS01-02-0904	WU3200-14	56	60	53	63			0
18	KWFCSB-SS01-04-0904	WU3200-15	61	64	70	84			0
19	KWFCSB-SS02-02-0904	WU3200-16	59	59	54	63			0
20	KWFCSB-SS02-04-0904	WU3200-17	45J	44J	65	73			2
21									
22									
23									
24									
25									
26									
27									
28									

ADVISORY QC LIMITS

S1 (TCX) = Tetrachloro-m-Xylene (49-111)
S2 (DCB) = Decachlorobiphenyl (40-133)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM II PEST-2

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10264-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab Sample ID: WG10264-1 Lab File ID: 8UJ1098

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 09/27/04

Date Analyzed (1): 10/08/04 Date Analyzed (2): 10/08/04

Time Analyzed (1): 1327 Time Analyzed (2): 1327

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column (1): RTX-CLPI ID: 0.53(mm) GC Column (2): RTX-CLPII ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG10264-LCS	WG10264-2	8UJ1099	10/08/04	10/08/04
02	WG10264-LCSD	WG10264-3	8UJ1100	10/08/04	10/08/04
03	KWFCSB-MW07-02-0904	WU3200-1	8UJ1101	10/08/04	10/08/04
04	KWFCSB-MW07-04-0904	WU3200-2	8UJ1102	10/08/04	10/08/04
05	KWFCSB-MW08-02-0904	WU3200-3	8UJ1103	10/08/04	10/08/04
06	KWFCSB-MW08-04-0904	WU3200-4	8UJ1104	10/08/04	10/08/04
07	KWFCSB-MW09-02-0904	WU3200-5	8UJ1105	10/08/04	10/08/04
08	KWFCSB-MW09-04-0904	WU3200-6	8UJ1106	10/08/04	10/08/04
09	KWFCSB-MW10-02-0904	WU3200-7	8UJ1107	10/08/04	10/08/04
10	KWFCSB-MW10-04-0904	WU3200-8	8UJ1108	10/08/04	10/08/04
11	KWFCSB-MW11-02-0904	WU3200-9	8UJ1109	10/08/04	10/08/04
12	KWFCSB-MW11-04-0904	WU3200-10	8UJ1110	10/08/04	10/08/04
13	KWFCSB-MW12-02-0904	WU3200-11	8UJ1111	10/08/04	10/08/04
14	KWFCSB-MW12-04-0904	WU3200-12	8UJ1112	10/08/04	10/08/04
15	KWFCSB-DUP-00-0904	WU3200-13	8UJ1113	10/08/04	10/08/04
16	KWFCSB-SS01-02-0904	WU3200-14	8UJ1114	10/08/04	10/08/04
17	KWFCSB-SS01-04-0904	WU3200-15	8UJ1115	10/08/04	10/08/04
18	KWFCSB-SS02-02-0904	WU3200-16	8UJ1116	10/08/04	10/08/04
19	KWFCSB-SS02-04-0904	WU3200-17	8UJ1117	10/08/04	10/08/04
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEYWEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/04/04

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1434 1639

LAB FILE ID: RF0.005: 8UI3017 RF0.01: 8UI3018 RF0.025: 8UI3016
RF0.05: 8UI3019 RF0.1: 8UI3020 RF0.25: 8UI3021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
alpha-BHC	15183	31237	80489	144840	297710	645120	2ORDR	5.774e-004	3.007e-007	1.326e-013	0.99971	0.99000	
gamma BHC	13569	28213	70369	126890	267550	573680	2ORDR	8.34e-004	3.337e-007	1.743e-013	0.99950	0.99000	
Heptachlor	15318	30992	73095	127030	265160	561610	2ORDR	2.653e-004	3.33e-007	1.977e-013	0.99947	0.99000	
beta-BHC	7450	14447	34928	62737	126780	284420	2ORDR	-2.93e-004	7.343e-007	5.109e-013	0.99985	0.99000	
Aldrin	13604	27698	70159	125620	254760	551920	2ORDR	3.167e-004	3.505e-007	1.84e-013	0.99978	0.99000	
delta-BHC	11233	23100	62732	117340	244350	551060	2ORDR	8.923e-004	3.812e-007	1.279e-013	0.99978	0.99000	
Heptachlor Epoxide	12389	25183	59615	106360	216370	458430	2ORDR	2.382e-004	4.043e-007	3.051e-013	0.99967	0.99000	
Endosulfan I	11275	22648	51394	96210	196710	422680	2ORDR	3.497e-004	4.54e-007	3.216e-013	0.99969	0.99000	
4,4'-DDE	10849	22352	52766	100680	207790	459720	2ORDR	5.546e-004	4.429e-007	2.157e-013	0.99976	0.99000	
Dieldrin	9968	20737	48557	96356	195370	420710	2ORDR	9.203e-004	4.537e-007	3.272e-013	0.99974	0.99000	
Endrin	9113	18711	43119	83753	172370	373360	2ORDR	7.541e-004	5.218e-007	3.882e-013	0.99968	0.99000	
4,4'-DDD	6300	12920	30838	65747	134400	308200	2ORDR	1.134e-003	7.006e-007	3.447e-013	0.99980	0.99000	
Endosulfan II	8356	16855	38851	74462	150100	325430	2ORDR	3.958e-004	5.969e-007	5.203e-013	0.99981	0.99000	
4,4'-DDT	6918	14360	33158	67159	141800	324170	2ORDR	9.544e-004	6.715e-007	2.958e-013	0.99968	0.99000	
Endrin Aldehyde	6618	11962	26960	51461	101150	225270	2ORDR	-4.38e-004	9.106e-007	8.911e-013	0.99994	0.99000	
Endosulfan sulfate	5315	10492	24446	48494	99580	224840	2ORDR	5.443e-004	9.414e-007	7.434e-013	0.99982	0.99000	
Methoxychlor	3901	7807	17502	32718	65409	140640	2ORDR	3.895e-005	1.358e-006	2.967e-012	0.99981	0.99000	
Toxaphene	2460	6250	12548	24107		209600	LINR	-6.26e-002	4.795e-005		0.99979	0.99000	
(2)	2914	7086	13973	26387		208630	LINR	-0.1124262	4.836e-005		0.99936	0.99000	
(3)	2924	7344	14629	27762		226920	LINR	-9.38e-002	4.44e-005		0.99954	0.99000	
(4)	3686	9450	18949	35464		82938	LINR	-1.0397376	1.202e-004		0.89447	0.99000	<
(5)	3940	10181	20872	39814		301710	LINR	-0.1245478	3.346e-005		0.99904	0.99000	
(6)	5028	12721	25465	48080		317620	LINR	-0.2022234	3.195e-005		0.99756	0.99000	
(7)	3050	7928	15994	31878		284650	LINR	-4.3e-002	3.525e-005		0.99987	0.99000	
(8)	1802	4625	9371	18641		197530	LINR	2.122e-002	5.054e-005		0.99997	0.99000	
(9)	3106	8035	16402	31578			LINR	-2.85e-003	3.153e-005		0.99955	0.99000	<
(10)	1394	3931	8232	17675			LINR	1.963e-002	5.609e-005		0.99850	0.99000	<
Chlordane	5250	10403	48722	24337	92753	208740	2ORDR	-7.45e-004	9.831e-006	1.03e-011	0.99999	0.99000	
(2)	10054	20191	91570	46954	168200	354220	2ORDR	9.107e-005	4.937e-006	5.985e-012	0.99999	0.99000	
(3)	8091	15429	62102	33715	113260	234380	2ORDR	-7.5e-003	7.196e-006	1.495e-011	0.99997	0.99000	
(4)	13918	28103	124740	64644	231950	488160	2ORDR	-1.15e-004	3.603e-006	3.109e-012	0.99999	0.99000	
(5)	4468	9071	43666	21752	83785	192320	2ORDR	1.424e-004	1.109e-005	9.925e-012	0.99999	0.99000	
Tetrachloro-m-Xylene	11440	22122	52325	90184	186560	403580	2ORDR	-1.79e-004	4.851e-007	3.325e-013	0.99959	0.99000	
Decachlorobiphenyl	10511	18827	39103	70396	134570	286740	2ORDR	-1.28e-003	6.512e-007	7.845e-013	0.99986	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEYWEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/04/04

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1434 1639

LAB FILE ID: RF0.005: 8UI4017 RF0.01: 8UI4018 RF0.025: 8UI4016
RF0.05: 8UI4019 RF0.1: 8UI4020 RF0.25: 8UI4021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
alpha-BHC	12720	27019	71635	139900	290100	648420	2ORDR	1.206e-003	3.175e-007	1.015e-013	0.99977	0.99000	
gamma BHC	11505	24783	62402	121480	255310	569480	2ORDR	1.157e-003	3.625e-007	1.298e-013	0.99968	0.99000	
Heptachlor	13440	26710	64782	120720	240440	535200	2ORDR	1.572e-007	3.813e-007	1.6e-013	0.99992	0.99000	
beta-BHC	6570	12500	31095	59296	115980	264890	2ORDR	-1.5e-004	8.044e-007	5.281e-013	0.99999	0.99000	
Aldrin	10581	21549	55557	105530	219930	496140	2ORDR	8.044e-004	4.251e-007	1.545e-013	0.99978	0.99000	
delta-BHC	9645	19489	54448	109390	227190	535030	2ORDR	1.207e-003	4.229e-007	7.812e-014	0.99987	0.99000	
Heptachlor Epoxide	10068	20238	48313	89016	184020	410220	2ORDR	2.226e-004	5.052e-007	2.515e-013	0.99976	0.99000	
Endosulfan I	7959	16345	40043	74062	151290	344360	2ORDR	1.102e-004	6.229e-007	2.972e-013	0.99987	0.99000	
4,4'-DDE	8062	16280	40023	74845	160640	368140	2ORDR	6.668e-004	5.973e-007	2.153e-013	0.99964	0.99000	
Dieldrin	7150	14512	37187	71202	151790	343780	2ORDR	1.045e-003	6.218e-007	2.954e-013	0.99965	0.99000	
Endrin	6316	12860	31784	62345	131060	297360	2ORDR	9.429e-004	7.196e-007	3.938e-013	0.99973	0.99000	
4,4'-DDD	4490	9020	23308	47274	101570	246080	2ORDR	1.172e-003	9.771e-007	1.351e-013	0.99976	0.99000	
Endosulfan II	6270	12457	30684	57588	118620	268980	2ORDR	3.214e-004	7.934e-007	4.988e-013	0.99984	0.99000	
4,4'-DDT	5030	10359	26277	50360	113770	270810	2ORDR	1.335e-003	8.731e-007	1.619e-013	0.99940	0.99000	
Endrin Aldehyde	5440	10236	24346	43330	90822	211160	2ORDR	-3.89e-004	1.072e-006	5.375e-013	0.99974	0.99000	
Endosulfan sulfate	5311	10194	25031	46796	99947	237520	2ORDR	2.799e-004	9.885e-007	2.61e-013	0.99975	0.99000	
Methoxychlor	3814	7601	18744	33344	70860	159480	2ORDR	2.737e-004	1.333e-006	1.452e-012	0.99961	0.99000	
Toxaphene	1483	4104	8186	16303	1203	151390	LINR	-2.7e-002	6.619e-005		0.99994	0.99000	
(2)	1489	4082	8253	16315	10591	150910	LINR	-2.9e-002	6.641e-005		0.99993	0.99000	
(3)	1616	4417	8973	18034	1393	123150	LINR	-0.1630243	8.213e-005		0.99801	0.99000	
(4)	3799	9976	19903	39809	21654	89708	LINR	-1.0169498	1.1e-004		0.88574	0.99000	<
(5)	2783	7591	15503	32181	2588	308370	LINR	-5.96e-003	3.244e-005		0.99998	0.99000	
(6)	1817	5171	10628	22441	799	137380	LINR	-0.2059825	7.375e-005		0.99627	0.99000	
(7)	3383	9230	19050	39405			LINR	1.145e-002	2.523e-005		0.99958	0.99000	<
(8)	2090	5924	12688	27854			LINR	2.519e-002	3.551e-005		0.99744	0.99000	<
(9)	1711	4763	10025	22150			LINR	2.423e-002	4.473e-005		0.99730	0.99000	<
(10)	1607	4636	9965	20872	1019	235220	LINR	5.499e-002	4.231e-005		0.99990	0.99000	
Chlordane	4303	8484	39858	20012	78972	183560	2ORDR	4.666e-004	1.205e-005	8.526e-012	0.99998	0.99000	
(2)	7730	15258	73553	36745	140740	313410	2ORDR	1.816e-003	6.406e-006	4.988e-012	0.99999	0.99000	
(3)	5760	10901	46858	24554	87016	193480	2ORDR	-8.98e-003	1.033e-005	1.363e-011	0.99996	0.99000	
(4)	7578	14823	69427	35409	133960	305620	2ORDR	-1.68e-003	6.931e-006	4.103e-012	1.00000	0.99000	
(5)	7680	15380	72324	36414	140470	311290	2ORDR	2.463e-003	6.428e-006	5.116e-012	0.99997	0.99000	
Tetrachloro-m-Xylene	11009	20995	51261	93914	182920	408240	2ORDR	-4.33e-004	4.997e-007	2.784e-013	0.99995	0.99000	
Decachlorobiphenyl	10398	18976	40573	70540	131300	280720	2ORDR	-1.71e-003	6.614e-007	8.394e-013	0.99984	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/04/04 Time: 1706

Lab File ID: 8UJ1012 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	5.35e-002	5.e-002	2175100.0	0.01	7.00	15.00	2RDR
gamma BHC	5.12e-002	5.e-002	2813000.0	0.01	2.40	15.00	2RDR
beta-BHC	5.18e-002	5.e-002	1353900.0	0.01	3.60	15.00	2RDR
delta-BHC	5.19e-002	5.e-002	2565700.0	0.01	3.80	15.00	2RDR
Heptachlor	5.24e-002	5.e-002	2881800.0	0.01	4.80	15.00	2RDR
Aldrin	5.32e-002	5.e-002	2811800.0	0.01	6.40	15.00	2RDR
Heptachlor Epoxide	5.19e-002	5.e-002	2347500.0	0.01	3.80	15.00	2RDR
gamma-Chlordane	5.2e-002	5.e-002	2333700.0	0.01	4.00	15.00	2RDR
alpha-Chlordane	5.28e-002	5.e-002	2250400.0	0.01	5.60	15.00	2RDR
4,4'-DDE	5.31e-002	5.e-002	2248200.0	0.01	6.20	15.00	2RDR
alpha-BHC	5.24e-002	5.e-002	3216300.0	0.01	4.80	15.00	2RDR
Dieldrin	5.36e-002	5.e-002	2153500.0	0.01	7.20	15.00	2RDR
Endrin	5.3e-002	5.e-002	1873200.0	0.01	6.00	15.00	2RDR
4,4'-DDD	5.15e-002	5.e-002	1389500.0	0.01	3.00	15.00	2RDR
Endosulfan II	5.12e-002	5.e-002	1592500.0	0.01	2.40	15.00	2RDR
4,4'-DDT	5.21e-002	5.e-002	1475400.0	0.01	4.20	15.00	2RDR
Endrin Aldehyde	5.06e-002	5.e-002	1065900.0	0.01	1.20	15.00	2RDR
Methoxychlor	5.23e-002	5.e-002	713320.00	0.01	4.60	15.00	2RDR
Endosulfan sulfate	5.09e-002	5.e-002	1027200.0	0.01	1.80	15.00	2RDR
Endrin Ketone	5.11e-002	5.e-002	1288600.0	0.01	2.20	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEYWEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/04/04 Time: 1706

Lab File ID: 8UJ2012 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	5.16e-002	5.e-002	1656100.0	0.01	3.20	15.00	2RDR
gamma BHC	5.12e-002	5.e-002	2636600.0	0.01	2.40	15.00	2RDR
beta-BHC	5.25e-002	5.e-002	1257500.0	0.01	5.00	15.00	2RDR
delta-BHC	5.07e-002	5.e-002	2291100.0	0.01	1.40	15.00	2RDR
Heptachlor	5.06e-002	5.e-002	2521100.0	0.01	1.20	15.00	2RDR
Aldrin	5.21e-002	5.e-002	2315600.0	0.01	4.20	15.00	2RDR
Heptachlor Epoxide	5.16e-002	5.e-002	1941500.0	0.01	3.20	15.00	2RDR
gamma-Chlordane	5.12e-002	5.e-002	1811600.0	0.01	2.40	15.00	2RDR
alpha-Chlordane	5.2e-002	5.e-002	1715300.0	0.01	4.00	15.00	2RDR
Endosulfan I	5.25e-002	5.e-002	1620200.0	0.01	5.00	15.00	2RDR
alpha-BHC	5.08e-002	5.e-002	2983000.0	0.01	1.60	15.00	2RDR
Dieldrin	5.13e-002	5.e-002	1560100.0	0.01	2.60	15.00	2RDR
Endrin	5.05e-002	5.e-002	1330100.0	0.01	1.00	15.00	2RDR
4,4'-DDD	5.07e-002	5.e-002	1007200.0	0.01	1.40	15.00	2RDR
Endosulfan II	4.97e-002	5.e-002	1200000.0	0.01	-0.60	15.00	2RDR
4,4'-DDT	5.11e-002	5.e-002	1128500.0	0.01	2.20	15.00	2RDR
Endrin Aldehyde	4.99e-002	5.e-002	917300.00	0.01	-0.20	15.00	2RDR
Endosulfan sulfate	5.01e-002	5.e-002	995420.00	0.01	0.20	15.00	2RDR
Methoxychlor	5.2e-002	5.e-002	745300.00	0.01	4.00	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1194800.0	0.01	1.40	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/08/04 Time: 1206

Lab File ID: 8UJ1097 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.51e-002	5.e-002	2791400.0	0.01	-9.80	15.00	2RDR
gamma BHC	4.67e-002	5.e-002	2575800.0	0.01	-6.60	15.00	2RDR
Heptachlor	4.75e-002	5.e-002	2628700.0	0.01	-5.00	15.00	2RDR
beta-BHC	4.69e-002	5.e-002	1231800.0	0.01	-6.20	15.00	2RDR
Aldrin	4.44e-002	5.e-002	2365900.0	0.01	-11.20	15.00	2RDR
delta-BHC	4.51e-002	5.e-002	2235000.0	0.01	-9.80	15.00	2RDR
Heptachlor Epoxide	4.95e-002	5.e-002	2245300.0	0.01	-1.00	15.00	2RDR
Endosulfan I	4.77e-002	5.e-002	1951900.0	0.01	-4.60	15.00	2RDR
4,4'-DDE	4.45e-002	5.e-002	1894800.0	0.01	-11.00	15.00	2RDR
Dieldrin	4.68e-002	5.e-002	1891900.0	0.01	-6.40	15.00	2RDR
Endrin	4.6e-002	5.e-002	1633700.0	0.01	-8.00	15.00	2RDR
4,4'-DDD	4.71e-002	5.e-002	1272800.0	0.01	-5.80	15.00	2RDR
Endosulfan II	4.78e-002	5.e-002	1491900.0	0.01	-4.40	15.00	2RDR
4,4'-DDT	4.78e-002	5.e-002	1354500.0	0.01	-4.40	15.00	2RDR
Endrin Aldehyde	4.91e-002	5.e-002	1036100.0	0.01	-1.80	15.00	2RDR
Endosulfan sulfate	5.06e-002	5.e-002	1022700.0	0.01	1.20	15.00	2RDR
Methoxychlor	4.62e-002	5.e-002	634900.00	0.01	-7.60	15.00	2RDR
alpha-Chlordane	4.67e-002	5.e-002	2002500.0	0.01	-6.60	15.00	2RDR
gamma-Chlordane	4.93e-002	5.e-002	2215900.0	0.01	-1.40	15.00	2RDR
Endrin Ketone	5.11e-002	5.e-002	1288500.0	0.01	2.20	15.00	2RDR
Tetrachloro-m-Xylene	4.49e-002	5.e-002	1754000.0	0.01	-10.20	15.00	2RDR
Decachlorobiphenyl	4.99e-002	5.e-002	1446800.0	0.01	-0.20	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEYWEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/08/04 Time: 1206

Lab File ID: 8UJ2097 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.18e-002	5.e-002	2457700.0	0.01	16.40	15.00	2RDR	<-
gamma BHC	4.69e-002	5.e-002	2418800.0	0.01	-6.20	15.00	2RDR	
Heptachlor	4.36e-002	5.e-002	2187100.0	0.01	-12.80	15.00	2RDR	
beta-BHC	4.77e-002	5.e-002	1146200.0	0.01	-4.60	15.00	2RDR	
Aldrin	4.48e-002	5.e-002	1997100.0	0.01	-10.40	15.00	2RDR	
delta-BHC	4.32e-002	5.e-002	1951700.0	0.01	-13.60	15.00	2RDR	
Heptachlor Epoxide	4.71e-002	5.e-002	1776600.0	0.01	-5.80	15.00	2RDR	
Endosulfan I	4.82e-002	5.e-002	1489800.0	0.01	-3.60	15.00	2RDR	
4,4'-DDE	4.52e-002	5.e-002	1453900.0	0.01	-9.60	15.00	2RDR	
Dieldrin	4.6e-002	5.e-002	1399400.0	0.01	-8.00	15.00	2RDR	
Endrin	4.33e-002	5.e-002	1142300.0	0.01	-13.40	15.00	2RDR	
4,4'-DDD	4.56e-002	5.e-002	904660.00	0.01	-8.80	15.00	2RDR	
Endosulfan II	4.63e-002	5.e-002	1118500.0	0.01	-7.40	15.00	2RDR	
4,4'-DDT	4.58e-002	5.e-002	1008500.0	0.01	-8.40	15.00	2RDR	
Endrin Aldehyde	4.93e-002	5.e-002	907120.00	0.01	-1.40	15.00	2RDR	
Endosulfan sulfate	5.13e-002	5.e-002	1018000.0	0.01	2.60	15.00	2RDR	
Methoxychlor	4.99e-002	5.e-002	716620.00	0.01	-0.20	15.00	2RDR	
alpha-Chlordane	4.65e-002	5.e-002	1538900.0	0.01	-7.00	15.00	2RDR	
gamma-Chlordane	4.71e-002	5.e-002	1670900.0	0.01	-5.80	15.00	2RDR	
Endrin Ketone	5.3e-002	5.e-002	1248900.0	0.01	6.00	15.00	2RDR	
Tetrachloro-m-Xylene	4.42e-002	5.e-002	1706200.0	0.01	-11.60	15.00	2RDR	
Decachlorobiphenyl	4.81e-002	5.e-002	1385500.0	0.01	-3.80	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/08/04 Time: 2258

Lab File ID: 8UJ1119 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.73e-002	2.5e-002	3426300.0	0.01	9.20	15.00	2RDR	
gamma BHC	2.92e-002	2.5e-002	3264300.0	0.01	-16.80	15.00	2RDR	<-
Heptachlor	2.73e-002	2.5e-002	3103600.0	0.01	9.20	15.00	2RDR	
beta-BHC	2.75e-002	2.5e-002	1475800.0	0.01	10.00	15.00	2RDR	
Aldrin	2.64e-002	2.5e-002	2873800.0	0.01	5.60	15.00	2RDR	
delta-BHC	2.61e-002	2.5e-002	2591200.0	0.01	4.40	15.00	2RDR	
Heptachlor Epoxide	2.56e-002	2.5e-002	2399500.0	0.01	2.40	15.00	2RDR	
Endosulfan I	2.58e-002	2.5e-002	2163500.0	0.01	3.20	15.00	2RDR	
4,4'-DDE	2.44e-002	2.5e-002	2098300.0	0.01	-2.40	15.00	2RDR	
Dieldrin	2.6e-002	2.5e-002	2129700.0	0.01	4.00	15.00	2RDR	
Endrin	2.46e-002	2.5e-002	1767200.0	0.01	-1.60	15.00	2RDR	
4,4'-DDD	2.52e-002	2.5e-002	1350300.0	0.01	0.80	15.00	2RDR	
Endosulfan II	2.65e-002	2.5e-002	1687600.0	0.01	6.00	15.00	2RDR	
4,4'-DDT	2.19e-002	2.5e-002	1229600.0	0.01	-12.40	15.00	2RDR	
Endrin Aldehyde	2.78e-002	2.5e-002	1206700.0	0.01	11.20	15.00	2RDR	
Endosulfan sulfate	2.67e-002	2.5e-002	1087800.0	0.01	6.80	15.00	2RDR	
Methoxychlor	2.32e-002	2.5e-002	657320.00	0.01	-7.20	15.00	2RDR	
alpha-Chlordane	2.56e-002	2.5e-002	2235400.0	0.01	2.40	15.00	2RDR	
gamma-Chlordane	2.52e-002	2.5e-002	2315100.0	0.01	0.80	15.00	2RDR	
Endrin Ketone	2.8e-002	2.5e-002	1445000.0	0.01	12.00	15.00	2RDR	
Tetrachloro-m-Xylene	2.87e-002	2.5e-002	2290600.0	0.01	14.80	15.00	2RDR	
Decachlorobiphenyl	2.43e-002	2.5e-002	1500300.0	0.01	-2.80	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC08 Calibration Date: 10/08/04 Time: 2258

Lab File ID: 8UJ2119 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	2.47e-002	2.5e-002	2897600.0	0.01	-1.20	15.00	2RDR
gamma BHC	2.44e-002	2.5e-002	2510800.0	0.01	-2.40	15.00	2RDR
Heptachlor	2.36e-002	2.5e-002	2414400.0	0.01	-5.60	15.00	2RDR
beta-BHC	2.69e-002	2.5e-002	1314400.0	0.01	7.60	15.00	2RDR
Aldrin	2.43e-002	2.5e-002	2164000.0	0.01	-2.80	15.00	2RDR
delta-BHC	2.42e-002	2.5e-002	2155000.0	0.01	-3.20	15.00	2RDR
Heptachlor Epoxide	2.49e-002	2.5e-002	1911400.0	0.01	-0.40	15.00	2RDR
Endosulfan I	2.61e-002	2.5e-002	1639800.0	0.01	4.40	15.00	2RDR
4,4'-DDE	2.51e-002	2.5e-002	1611800.0	0.01	0.40	15.00	2RDR
Dieldrin	2.44e-002	2.5e-002	1473900.0	0.01	-2.40	15.00	2RDR
Endrin	2.35e-002	2.5e-002	1230600.0	0.01	-6.00	15.00	2RDR
4,4'-DDD	2.48e-002	2.5e-002	965920.00	0.01	-0.80	15.00	2RDR
Endosulfan II	2.57e-002	2.5e-002	1255800.0	0.01	2.80	15.00	2RDR
4,4'-DDT	2.16e-002	2.5e-002	923920.00	0.01	-13.60	15.00	2RDR
Endrin Aldehyde	2.66e-002	2.5e-002	995720.00	0.01	6.40	15.00	2RDR
Endosulfan sulfate	2.61e-002	2.5e-002	1039600.0	0.01	4.40	15.00	2RDR
Methoxychlor	2.25e-002	2.5e-002	654240.00	0.01	-10.00	15.00	2RDR
alpha-Chlordane	2.64e-002	2.5e-002	1762800.0	0.01	5.60	15.00	2RDR
gamma-Chlordane	2.54e-002	2.5e-002	1824000.0	0.01	1.60	15.00	2RDR
Endrin Ketone	2.78e-002	2.5e-002	1312600.0	0.01	11.20	15.00	2RDR
Tetrachloro-m-Xylene	2.52e-002	2.5e-002	1994400.0	0.01	0.80	15.00	2RDR
Decachlorobiphenyl	2.49e-002	2.5e-002	1534800.0	0.01	-0.40	15.00	2RDR

FORM VII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/04/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.88 TCX: 4.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/04/04	1356		
02	ICAL	INDAB 0.05PP	10/04/04	1423	16.89	4.20
03	ICAL	INDAB 0.005P	10/04/04	1450	16.89	4.20
04	ICAL	INDAB 0.01PP	10/04/04	1518	16.89	4.20
05	ICAL	INDAB 0.025P	10/04/04	1545	16.89	4.20
06	ICAL	INDAB 0.10PP	10/04/04	1612	16.89	4.20
07	ICAL	INDAB 0.25PP	10/04/04	1639	16.89	4.20
08	INDSOURCE	INDAB 0.05PP	10/04/04	1706		
09	ICAL	TOX.SUB	10/04/04	1733		
10	ICAL	TC 0.5PPM	10/04/04	1801		
11	CV	EVAL	10/08/04	1139		
12	CV	INDAB 0.05PP	10/08/04	1206	16.88	4.20
13	WG10264-BLAN	WG10264-1	10/08/04	1327	16.91	4.21
14	WG10264-LCS	WG10264-2	10/08/04	1355	16.88	4.20
15	WG10264-LCSD	WG10264-3	10/08/04	1422	16.88	4.20
16	KWFCSB-MW07-	WU3200-1	10/08/04	1449	16.88	4.20
17	KWFCSB-MW07-	WU3200-2	10/08/04	1516	16.88	4.20
18	KWFCSB-MW08-	WU3200-3	10/08/04	1543	16.88	4.20
19	KWFCSB-MW08-	WU3200-4	10/08/04	1610	16.88	4.20
20	KWFCSB-MW09-	WU3200-5	10/08/04	1638	16.89	4.20

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/04/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.88 TCX: 4.19

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	KWFCSB-MW09-	WU3200-6	10/08/04	1705	16.89	4.20
02	KWFCSB-MW10-	WU3200-7	10/08/04	1732	16.89	4.20
03	KWFCSB-MW10-	WU3200-8	10/08/04	1759	16.89	4.20
04	KWFCSB-MW11-	WU3200-9	10/08/04	1826	16.88	4.20
05	KWFCSB-MW11-	WU3200-10	10/08/04	1854	16.89	4.20
06	KWFCSB-MW12-	WU3200-11	10/08/04	1921	16.89	4.20
07	KWFCSB-MW12-	WU3200-12	10/08/04	1948	16.88	4.20
08	KWFCSB-DUP-0	WU3200-13	10/08/04	2015	16.88	4.20
09	KWFCSB-SS01-	WU3200-14	10/08/04	2042	16.89	4.21
10	KWFCSB-SS01-	WU3200-15	10/08/04	2109	16.88	4.20
11	KWFCSB-SS02-	WU3200-16	10/08/04	2137	16.89	4.21
12	KWFCSB-SS02-	WU3200-17	10/08/04	2204	16.88	4.20
13	CV	INDAB 0.025P	10/08/04	2258	16.89	4.20
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEYWEST SDG No.: WU3200

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/04/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.11 TCX: 4.79

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/04/04	1356		
02	ICAL	INDAB 0.05PP	10/04/04	1423	20.11	4.79
03	ICAL	INDAB 0.005P	10/04/04	1450	20.11	4.79
04	ICAL	INDAB 0.01PP	10/04/04	1518	20.11	4.79
05	ICAL	INDAB 0.025P	10/04/04	1545	20.11	4.79
06	ICAL	INDAB 0.10PP	10/04/04	1612	20.11	4.79
07	ICAL	INDAB 0.25PP	10/04/04	1639	20.11	4.79
08	INDSOURCE	INDAB 0.05PP	10/04/04	1706		
09	ICAL	TOX.SUB	10/04/04	1733		
10	ICAL	TC 0.5PPM	10/04/04	1801		
11	EVAL	EVAL	10/08/04	1139		
12	CV	INDAB 0.05PP	10/08/04	1206	20.09	4.79
13	WG10264-BLAN	WG10264-1	10/08/04	1327	20.09	4.79
14	WG10264-LCS	WG10264-2	10/08/04	1355	20.09	4.79
15	WG10264-LCSD	WG10264-3	10/08/04	1422	20.09	4.79
16	KWFCSB-MW07-	WU3200-1	10/08/04	1449	20.09	4.79
17	KWFCSB-MW07-	WU3200-2	10/08/04	1516	20.09	4.79
18	KWFCSB-MW08-	WU3200-3	10/08/04	1543	20.09	4.79
19	KWFCSB-MW08-	WU3200-4	10/08/04	1610	20.09	4.79
20	KWFCSB-MW09-	WU3200-5	10/08/04	1638	20.09	4.79

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEYWEST SDG No.: WU3200

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/04/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.11 TCX: 4.79

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	KWFCSB-MW09-	WU3200-6	10/08/04	1705	20.09	4.79
02	KWFCSB-MW10-	WU3200-7	10/08/04	1732	20.09	4.79
03	KWFCSB-MW10-	WU3200-8	10/08/04	1759	20.09	4.79
04	KWFCSB-MW11-	WU3200-9	10/08/04	1826	20.09	4.79
05	KWFCSB-MW11-	WU3200-10	10/08/04	1854	20.09	4.80
06	KWFCSB-MW12-	WU3200-11	10/08/04	1921	20.09	4.79
07	KWFCSB-MW12-	WU3200-12	10/08/04	1948	20.09	4.79
08	KWFCSB-DUP-0	WU3200-13	10/08/04	2015	20.09	4.79
09	KWFCSB-SS01-	WU3200-14	10/08/04	2042	20.09	4.79
10	KWFCSB-SS01-	WU3200-15	10/08/04	2109	20.09	4.79
11	KWFCSB-SS02-	WU3200-16	10/08/04	2137	20.09	4.80
12	KWFCSB-SS02-	WU3200-17	10/08/04	2204	20.09	4.79
13	CV	INDAB 0.025P	10/08/04	2258	20.09	4.79
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-SS
01-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-14 Date(s) Analyzed: 10/08/04 10/08/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	8.04	7.97	8.11	4.12	
	2	10.12	10.05	10.19	4.73	12.9
4,4'-DDT	1	10.08	10.00	10.14	1.85	
	2	13.31	13.24	13.38	2.55	27.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-SS
02-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-16 Date(s) Analyzed: 10/08/04 10/08/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	8.04	7.97	8.11	7.71	
	2	10.12	10.05	10.19	8.70	11.4
4,4'-DDD	1	9.33	9.26	9.40	1.58	
	2	12.09	12.02	12.16	1.68	6.0
4,4'-DDT	1	10.08	10.00	10.14	3.54	
	2	13.31	13.24	13.38	4.32	18.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-MW
10-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-7 Date(s) Analyzed: 10/08/04 10/08/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	8.04	7.97	8.11	30.2	
	2	10.12	10.05	10.19	30.8	1.9
4,4'-DDT	1	10.08	10.00	10.14	13.0	
	2	13.31	13.24	13.38	13.6	4.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-MW
08-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-3 Date(s) Analyzed: 10/08/04 10/08/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
4,4'-DDE	1	8.04	7.97	8.11	1.87	
	2	10.12	10.05	10.19	1.92	2.6
4,4'-DDT	1	10.07	10.00	10.14	6.27	
	2	13.31	13.24	13.38	9.78	35.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/27/04
Analysis Date: 10/01/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10265-1
Client ID: WG10265-Blank
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	10	1.0	17	17	10
11104-28-2	Aroclor-1221	U	8.2	1.0	17	17	8.2
11141-16-5	Aroclor-1232	U	5.3	1.0	17	17	5.3
53469-21-9	Aroclor-1242	U	6.7	1.0	17	17	6.7
12672-29-6	Aroclor-1248	U	8.2	1.0	17	17	8.2
11097-69-1	Aroclor-1254	U	4.7	1.0	17	17	4.7
11096-82-5	Aroclor-1260	U	8.6	1.0	17	17	8.6
877-09-8	Tetrachloro-m-xylene		J108%				
2051-24-3	Decachlorobiphenyl		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/27/04
Analysis Date: 10/18/04
Report Date: 10/20/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10265-1SC
Client ID: WG10265-Blank
SDG: WU3200
Extracted by: AZ
Extraction Method: SW846 3545
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10265SC
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	10	1.0	17	17	10
11104-28-2	Aroclor-1221	U	8.2	1.0	17	17	8.2
11141-16-5	Aroclor-1232	U	5.3	1.0	17	17	5.3
53469-21-9	Aroclor-1242	U	6.7	1.0	17	17	6.7
12672-29-6	Aroclor-1248	U	8.2	1.0	17	17	8.2
11097-69-1	Aroclor-1254	U	4.7	1.0	17	17	4.7
11096-82-5	Aroclor-1260	U	8.6	1.0	17	17	8.6
877-09-8	Tetrachloro-m-xylene		J104%				
2051-24-3	Decachlorobiphenyl		101%				

FORM 2
SOIL SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column(1): RTX-5 ID: 0.53 (mm) GC Column(2): RTX-35 ID: 0.53 (mm)

	CLIENT SAMPLE ID	LAB SAMPLE ID	TCX1 REC#	TCX2 REC#	DCB1 REC#	DCB2 REC#	OTHR (1)	OTHR (2)	TOT OUT
01	WG10265-BLANK	WG10265-1	108J	106J	103	98			2
02	WG10265-LCS	WG10265-2	87	83	84	80			0
03	WG10265-LCSD	WG10265-3	90	86	80	76			0
04	KWFCSB-MW07-02-0904	WU3200-1	83	90	81	88			0
05	KWFCSB-MW07-04-0904	WU3200-2	86	93	92	100			0
06	KWFCSB-MW08-04-0904	WU3200-4	69	74	72	79			0
07	KWFCSB-MW09-02-0904	WU3200-5	73	80	70	78			0
08	KWFCSB-MW09-04-0904	WU3200-6	69	75	60	66			0
09	KWFCSB-MW10-04-0904	WU3200-8	87	96	80	89			0
10	KWFCSB-MW11-02-0904	WU3200-9	71	77	64	70			0
11	KWFCSB-MW11-04-0904	WU3200-10	80	88	62	69			0
12	KWFCSB-MW12-02-0904	WU3200-11	67	72	78	86			0
13	KWFCSB-MW12-04-0904	WU3200-12	62	68	76	85			0
14	KWFCSB-DUP-00-0904	WU3200-13	61	68	62	69			0
15	KWFCSB-SS01-02-0904	WU3200-14	59	64	64	70			0
16	KWFCSB-SS01-04-0904	WU3200-15	58	65	86	96			0
17	KWFCSB-SS02-02-0904	WU3200-16	58	63	67	74			0
18	KWFCSB-SS02-04-0904	WU3200-17	41J	46	78	86			1
19	KWFCSB-MW08-02-0904	WU3200-3RA	72	75	66	64			0
20	WG10265-BLANK	WG10265-1SC	104J	100	101	99			1
21	WG10265-LCS	WG10265-2SC	84	83	82	80			0
22	WG10265-LCSD	WG10265-3SC	87	86	77	75			0
23	KWFCSB-MW10-02-0904	WU3200-7SC	76	72	64	63			0
24									
25									
26									
27									
28									

ADVISORY
QC LIMITS

S1 (TCX) = Tetrachloro-m-xylene (44-103)
S2 (DCB) = Decachlorobiphenyl (56-107)

Column to be used to flag recovery values
J Values outside of QC limits
D Surrogate diluted out

FORM 4

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10265-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab Sample ID: WG10265-1 Lab File ID: 6UJ1006

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) N Date Extracted: 09/27/04

Date Analyzed (1): 10/01/04 Date Analyzed (2): 10/01/04

Time Analyzed (1): 1204 Time Analyzed (2): 1204

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID.	DATE ANALYZED 1	DATE ANALYZED 2
01	WG10265-LCS	WG10265-2	6UJ1007	10/01/04	10/01/04
02	WG10265-LCSD	WG10265-3	6UJ1008	10/01/04	10/01/04
03	KWFCSB-MW07-02-0904	WU3200-1	6UJ1113	10/12/04	10/12/04
04	KWFCSB-MW07-04-0904	WU3200-2	6UJ1114	10/12/04	10/12/04
05	KWFCSB-MW08-04-0904	WU3200-4	6UJ1116	10/13/04	10/13/04
06	KWFCSB-MW09-02-0904	WU3200-5	6UJ1117	10/13/04	10/13/04
07	KWFCSB-MW09-04-0904	WU3200-6	6UJ1118	10/13/04	10/13/04
08	KWFCSB-MW10-04-0904	WU3200-8	6UJ1120	10/13/04	10/13/04
09	KWFCSB-MW11-02-0904	WU3200-9	6UJ1121	10/13/04	10/13/04
10	KWFCSB-MW11-04-0904	WU3200-10	6UJ1122	10/13/04	10/13/04
11	KWFCSB-MW12-02-0904	WU3200-11	6UJ1123	10/13/04	10/13/04
12	KWFCSB-MW12-04-0904	WU3200-12	6UJ1124	10/13/04	10/13/04
13	KWFCSB-DUP-00-0904	WU3200-13	6UJ1125	10/13/04	10/13/04
14	KWFCSB-SS01-02-0904	WU3200-14	6UJ1126	10/13/04	10/13/04
15	KWFCSB-SS01-04-0904	WU3200-15	6UJ1127	10/13/04	10/13/04
16	KWFCSB-SS02-02-0904	WU3200-16	6UJ1128	10/13/04	10/13/04
17	KWFCSB-SS02-04-0904	WU3200-17	6UJ1129	10/13/04	10/13/04
18	KWFCSB-MW08-02-0904	WU3200-3RA	6UJ1176	10/15/04	10/15/04
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10265-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Lab Sample ID: WG10265-1SC Lab File ID: 6UJ1215

Matrix (soil/water) SOIL Extraction:(SepF/Cont/Sonc) SW846 3545

Sulfur Cleanup: (Y/N) Y Date Extracted: 09/27/04

Date Analyzed (1): 10/18/04 Date Analyzed (2): 10/18/04

Time Analyzed (1): 1333 Time Analyzed (2): 1333

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column (1): RTX-5 ID: 0.53(mm) GC Column (2): RTX-35 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG10265-LCS	WG10265-2SC	6UJ1216	10/18/04	10/18/04
02	WG10265-LCSD	WG10265-3SC	6UJ1217	10/18/04	10/18/04
03	KWFCSB-MW10-02-0904	WU3200-7SC	6UJ1218	10/18/04	10/18/04
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

COMMENTS:

FORM IV PEST

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date(s): 09/01/04 09/13/04

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1205 2337

LAB FILE ID: RF0.05: 6UI1027 RF0.1: 6UI1028 RF0.25: 6UI1029
RF1: 6UI1033 RF2.5: 6UI1030 RF10: 6UI1031

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1180	2270	5538	19683	43080	141540	2ORDR	-2.41e-002	5.214e-005	1.321e-010	0.99994	0.99000	
(2)	2342	4466	11068	42862	93893	323880	2ORDR	-1.88e-002	2.456e-005	1.97e-011	0.99991	0.99000	
(3)	1366	2618	6378	23595	51709	175620	2ORDR	-2.29e-002	4.432e-005	7.265e-011	0.99992	0.99000	
(4)	762	1494	3827	14904	34139	123090	2ORDR	-1.2e-002	6.959e-005	9.552e-011	0.99996	0.99000	
(5)	1043	1953	4634	15398	33485	108920	2ORDR	-3.39e-002	6.689e-005	2.318e-010	0.99992	0.99000	
Aroclor-1221				8285			2ORDR	0.00000000	1.207e-004	0.00000000	1.00000	0.99000	<
(2)				5999			2ORDR	0.00000000	1.667e-004	0.00000000	1.00000	0.99000	<
(3)				17843			2ORDR	0.00000000	5.604e-005	0.00000000	1.00000	0.99000	<
(4)				3255			2ORDR	0.00000000	3.072e-004	0.00000000	1.00000	0.99000	<
Aroclor-1232				14252			2ORDR	0.00000000	7.017e-005	0.00000000	1.00000	0.99000	<
(2)				9765			2ORDR	0.00000000	1.024e-004	0.00000000	1.00000	0.99000	<
(3)				2349			2ORDR	0.00000000	4.257e-004	0.00000000	1.00000	0.99000	<
(4)				9335			2ORDR	0.00000000	1.071e-004	0.00000000	1.00000	0.99000	<
(5)				5391			2ORDR	0.00000000	1.855e-004	0.00000000	1.00000	0.99000	<
Aroclor-1242	1420	2134	4891	16508	40999	154300	2ORDR	-2.45e-002	6.05e-005	2.899e-011	0.99998	0.99000	
(2)	1107	1689	3969	14238	36459	143520	2ORDR	-1.22e-002	6.902e-005	5.172e-012	0.99998	0.99000	
(3)	2153	3356	7896	29148	76300	321310	2ORDR	-7.37e-003	3.363e-005	-7.73e-012	0.99998	0.99000	
(4)	1258	1924	4548	16663	42677	173340	2ORDR	-1.12e-002	5.947e-005	-9.92e-012	0.99999	0.99000	
(5)	714	1112	2720	10705	28130	120990	2ORDR	6.832e-004	9.133e-005	-7.18e-011	0.99998	0.99000	
Aroclor-1248	1404	2776	6961	25518	54421	184390	2ORDR	-2.66e-002	4.179e-005	6.834e-011	0.99986	0.99000	
(2)	1209	2384	6176	23662	51936	182550	2ORDR	-1.87e-002	4.485e-005	5.503e-011	0.99990	0.99000	
(3)	1340	2600	6852	26569	58585	212660	2ORDR	-1.87e-002	4.042e-005	3.152e-011	0.99989	0.99000	
(4)	1576	3033	7718	29666	65422	233680	2ORDR	-2.e-002	3.596e-005	2.964e-011	0.99990	0.99000	
(5)	949	1872	5080	21172	47902	185390	2ORDR	-9.77e-003	5.078e-005	1.737e-011	0.99991	0.99000	
Aroclor-1254	2037	3757	9158	31674	79612	252430	2ORDR	2.673e-003	2.809e-005	4.557e-011	0.99994	0.99000	
(2)	820	1685	4434	17934	48597	162390	2ORDR	2.959e-002	4.757e-005	8.504e-011	0.99986	0.99000	
(3)	1516	3171	7991	31133	83812	280220	2ORDR	2.421e-002	2.765e-005	2.835e-011	0.99987	0.99000	
(4)	808	1925	4514	22431	63901	230590	2ORDR	4.584e-002	3.757e-005	2.423e-011	0.99980	0.99000	
(5)	718	1556	3820	15927	41922	136450	2ORDR	2.736e-002	5.404e-005	1.394e-010	0.99989	0.99000	
Aroclor-1260	1215	2351	5852	20477	47386	163490	2ORDR	-1.91e-002	4.939e-005	7.28e-011	0.99998	0.99000	
(2)	1127	2230	5597	20296	48421	170440	2ORDR	-1.05e-002	4.895e-005	5.742e-011	0.99999	0.99000	
(3)	2262	4428	11315	43662	103090	377300	2ORDR	-8.51e-003	2.332e-005	8.498e-012	0.99999	0.99000	
(4)	1074	2136	5596	22693	53416	195370	2ORDR	-3.1e-003	4.483e-005	3.263e-011	0.99998	0.99000	
(5)	568	1156	3010	11623	27694	101440	2ORDR	-5.55e-003	8.687e-005	1.16e-010	0.99999	0.99000	
Tetrachloro-m-xylene	886	1718	4304	17625	40932	147160	2ORDR	-1.09e-004	1.159e-006	1.363e-012	0.99998	0.99000	
Decachlorobiphenyl	658	1298	3349	11809	28336	93936	2ORDR	-1.16e-004	1.616e-006	5.47e-012	0.99999	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date(s): 09/01/04 09/13/04

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1205 2337

LAB FILE ID: RF0.05: 6UI2027 RF0.1: 6UI2028 RF0.25: 6UI2029
RF1: 6UI2033 RF2.5: 6UI2030 RF10: 6UI2031

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	3478	6482	15516	52378	113750	351010	2ORDR	-2.52e-002	1.882e-005	2.777e-011	0.99996	0.99000	
(2)	1655	2756	6761	23797	52546	159990	2ORDR	-1.65e-002	4.029e-005	1.395e-010	0.99999	0.99000	
(3)	5687	10172	23791	82310	179330	576720	2ORDR	-2.9e-002	1.237e-005	8.711e-012	0.99994	0.99000	
(4)	2449	4179	10455	37723	81814	263000	2ORDR	-2.25e-002	2.696e-005	4.243e-011	0.99994	0.99000	
(5)	1887	3088	8017	29321	65209	213050	2ORDR	-1.73e-002	3.435e-005	5.948e-011	0.99996	0.99000	
Aroclor-1221				4745			2ORDR	0.00000000	2.107e-004	0.00000000	1.00000	0.99000	<
(2)				19564			2ORDR	0.00000000	5.111e-005	0.00000000	1.00000	0.99000	<
(3)				12795			2ORDR	0.00000000	7.816e-005	0.00000000	1.00000	0.99000	<
(4)				36886			2ORDR	0.00000000	2.711e-005	0.00000000	1.00000	0.99000	<
Aroclor-1232				31177			2ORDR	0.00000000	3.207e-005	0.00000000	1.00000	0.99000	<
(2)				24818			2ORDR	0.00000000	4.029e-005	0.00000000	1.00000	0.99000	<
(3)				10235			2ORDR	0.00000000	9.77e-005	0.00000000	1.00000	0.99000	<
(4)				14858			2ORDR	0.00000000	6.73e-005	0.00000000	1.00000	0.99000	<
(5)				10455			2ORDR	0.00000000	9.565e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	3630	5463	12309	40744	98140	363330	2ORDR	-3.33e-002	2.508e-005	6.99e-012	0.99998	0.99000	
(2)	4962	7511	17082	58630	149960	590170	2ORDR	-1.92e-002	1.684e-005	2.364e-013	0.99997	0.99000	
(3)	1963	3064	7347	26371	68153	269380	2ORDR	-9.08e-003	3.696e-005	7.115e-013	0.99998	0.99000	
(4)	1783	2640	5772	19250	47695	180690	2ORDR	-3.e-002	5.226e-005	1.796e-011	0.99998	0.99000	
(5)	1968	3034	7121	25310	66052	266020	2ORDR	-1.03e-002	3.844e-005	-3.04e-012	0.99997	0.99000	
Aroclor-1248	3404	5513	14072	47862	102580	329090	2ORDR	-3.11e-002	2.149e-005	2.734e-011	0.99991	0.99000	
(2)	1725	2709	7436	27285	59335	195400	2ORDR	-2.e-002	3.775e-005	6.929e-011	0.99992	0.99000	
(3)	3445	5944	15325	53764	115990	384160	2ORDR	-2.83e-002	1.943e-005	1.74e-011	0.99990	0.99000	
(4)	2628	4515	12024	42920	93752	311010	2ORDR	-2.28e-002	2.407e-005	2.625e-011	0.99992	0.99000	
(5)	2350	4206	11094	40851	90560	305580	2ORDR	-1.82e-002	2.522e-005	2.477e-011	0.99994	0.99000	
Aroclor-1254	1051	1903	4697	16024	39587	118470	2ORDR	5.451e-003	5.357e-005	2.597e-010	0.99992	0.99000	
(2)	1009	1896	4705	16893	43318	134280	2ORDR	1.369e-002	5.063e-005	1.766e-010	0.99989	0.99000	
(3)	1743	3454	8812	31729	81897	262910	2ORDR	1.305e-002	2.753e-005	3.974e-011	0.99991	0.99000	
(4)	3343	6664	16558	57918	150040	483080	2ORDR	9.883e-003	1.51e-005	1.155e-011	0.99990	0.99000	
(5)	2997	5751	13007	42164	107930	362420	2ORDR	-9.13e-003	2.173e-005	1.622e-011	0.99993	0.99000	
Aroclor-1260	3170	6161	14657	48909	114370	385910	2ORDR	-2.23e-002	2.03e-005	1.469e-011	0.99998	0.99000	
(2)	2567	4860	11653	39595	91765	315460	2ORDR	-2.39e-002	2.554e-005	1.979e-011	0.99998	0.99000	
(3)	5120	9755	23244	80349	185830	658830	2ORDR	-2.53e-002	1.281e-005	3.654e-012	0.99997	0.99000	
(4)	2819	5470	13491	46544	108130	377270	2ORDR	-2.13e-002	2.182e-005	1.259e-011	0.99998	0.99000	
(5)	1218	2389	6194	21539	50089	171120	2ORDR	-1.59e-002	4.644e-005	7.071e-011	0.99998	0.99000	
Tetrachloro-m-xylene	2234	4439	11202	43934	95061	310940	2ORDR	-2.64e-004	4.666e-007	5.713e-013	0.99992	0.99000	
Decachlorobiphenyl	1337	2413	6154	19830	45053	143910	2ORDR	-4.78e-004	9.881e-007	2.814e-012	0.99997	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 09/14/04 Time: 0005

Lab File ID: 6UI1202 Init. Calib. Date(s): 09/01/04 09/13/04

Init. Calib. Times: 1205 2337

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9697000	1.0000000	18218.000	0.01	-3.03	15.00	2RDR
(2)	0.9279200	1.0000000	37422.000	0.01	-7.21	15.00	2RDR
(3)	0.9498000	1.0000000	21208.000	0.01	-5.02	15.00	2RDR
(4)	0.9359300	1.0000000	13375.000	0.01	-6.41	15.00	2RDR
(5)	0.9499700	1.0000000	14027.000	0.01	-5.00	15.00	2RDR
Average %D: -5.330							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 09/14/04 Time: 0005

Lab File ID: 6UI2202 Init. Calib. Date(s): 09/01/04 09/13/04

Init. Calib. Times: 1205 2337

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0004000	1.0000000	50903.000	0.01	0.04	15.00	2RDR
(2)	0.9997500	1.0000000	23510.000	0.01	-0.02	15.00	2RDR
(3)	0.9693700	1.0000000	76643.000	0.01	-3.06	15.00	2RDR
(4)	0.9908200	1.0000000	35841.000	0.01	-0.92	15.00	2RDR
(5)	0.9871400	1.0000000	28075.000	0.01	-1.29	15.00	2RDR
Average %D: -1.050							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 09/14/04 Time: 0033

Lab File ID: 6UI1203 Init. Calib. Date(s): 09/01/04 09/13/04

Init. Calib. Times: 1205 2337

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1260	1.2529000	1.0000000	24846.000	0.01	25.29	15.00	2RDR	<-
(2)	1.1943000	1.0000000	23939.000	0.01	19.43	15.00	2RDR	<-
(3)	1.1527000	1.0000000	48917.000	0.01	15.27	15.00	2RDR	<-
(4)	1.0599000	1.0000000	23317.000	0.01	5.99	15.00	2RDR	
(5)	1.2307000	1.0000000	13970.000	0.01	23.07	15.00	2RDR	<-
Average %D: 17.810								

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 09/14/04 Time: 0033

Lab File ID: 6UI2203 Init. Calib. Date(s): 09/01/04 09/13/04

Init. Calib. Times: 1205 2337

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1260	0.9165400	1.0000000	44646.000	0.01	-8.35	15.00	2RDR	
(2)	1.1726000	1.0000000	45203.000	0.01	17.26	15.00	2RDR	<-
(3)	1.2064000	1.0000000	93593.000	0.01	20.64	15.00	2RDR	<-
(4)	1.1542000	1.0000000	52386.000	0.01	15.42	15.00	2RDR	<-
(5)	1.2627000	1.0000000	26424.000	0.01	26.27	15.00	2RDR	<-
Average %D: 14.250								

FORM VII PEST

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date(s): 10/14/04 10/15/04

Column: RTX-5 ID: 0.53 (mm) Calibration Time(s): 1951 0838

LAB FILE ID: RF0.05: 6UJ1166 RF0.1: 6UJ1167 RF0.25: 6UJ1168
RF1: 6UJ1172 RF2.5: 6UJ1169 RF10: 6UJ1170

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	1153	2238	5474	18705	42928	141110	2ORDR	-1.93e-002	5.29e-005	1.283e-010	0.99998	0.99000	
(2)	2374	4551	11195	39900	93520	324940	2ORDR	-1.6e-002	2.516e-005	1.745e-011	0.99999	0.99000	
(3)	1360	2626	6425	22182	51225	176550	2ORDR	-2.17e-002	4.571e-005	6.265e-011	0.99998	0.99000	
(4)	778	1533	3892	14201	34392	125020	2ORDR	-8.97e-003	7.012e-005	7.955e-011	1.00000	0.99000	
(5)	1065	1963	4626	15001	33408	110110	2ORDR	-3.44e-002	6.812e-005	2.091e-010	0.99994	0.99000	
Aroclor-1221				8479			2ORDR	0.00000000	1.179e-004	0.00000000	1.00000	0.99000	<
(2)				6285			2ORDR	0.00000000	1.591e-004	0.00000000	1.00000	0.99000	<
(3)				18797			2ORDR	0.00000000	5.32e-005	0.00000000	1.00000	0.99000	<
(4)							2ORDR					0.00000	<
Aroclor-1232				15813			2ORDR	0.00000000	6.324e-005	0.00000000	1.00000	0.99000	<
(2)				9042			2ORDR	0.00000000	1.106e-004	0.00000000	1.00000	0.99000	<
(3)				17650			2ORDR	0.00000000	5.666e-005	0.00000000	1.00000	0.99000	<
(4)				10165			2ORDR	0.00000000	9.838e-005	0.00000000	1.00000	0.99000	<
(5)				6374			2ORDR	0.00000000	1.569e-004	0.00000000	1.00000	0.99000	<
Aroclor-1242	1816	2440	5518	17725	43991	158960	2ORDR	-3.12e-002	5.568e-005	4.672e-011	0.99996	0.99000	
(2)	1395	1894	4444	15200	39274	149910	2ORDR	-1.63e-002	6.367e-005	2.094e-011	0.99996	0.99000	
(3)	2707	3713	8833	31717	84325	343220	2ORDR	-7.39e-003	3.025e-005	-3.18e-012	0.99995	0.99000	
(4)	1562	2161	5053	17425	45791	186680	2ORDR	-1.51e-002	5.584e-005	-1.18e-011	0.99996	0.99000	
(5)	879	1241	2998	11070	30503	132240	2ORDR	1.755e-003	8.493e-005	-7.06e-011	0.99992	0.99000	
Aroclor-1248	1477	2710	6764	25650	56082	189470	2ORDR	-1.97e-002	4.064e-005	6.466e-011	0.99992	0.99000	
(2)	1270	2322	5991	23765	53246	187010	2ORDR	-1.28e-002	4.384e-005	5.191e-011	0.99994	0.99000	
(3)	1207	2267	5928	25759	58967	217760	2ORDR	-3.07e-003	4.051e-005	2.497e-011	0.99995	0.99000	
(4)	1522	2828	7186	28934	65573	238510	2ORDR	-1.23e-002	3.629e-005	2.388e-011	0.99994	0.99000	
(5)	790	1537	4154	20192	48301	189730	2ORDR	1.191e-002	5.067e-005	1.04e-011	0.99996	0.99000	
Aroclor-1254	2142	4219	9350	32888	74350	260290	2ORDR	-2.98e-002	3.173e-005	2.615e-011	0.99995	0.99000	
(2)	954	2033	4759	19467	46748	173080	2ORDR	-2.84e-003	5.173e-005	3.507e-011	0.99999	0.99000	
(3)	1728	3586	8532	33893	80675	297140	2ORDR	-6.66e-003	2.991e-005	1.267e-011	0.99999	0.99000	
(4)	912	1970	4833	23484	57646	234110	2ORDR	1.29e-002	4.311e-005	-1.89e-012	0.99998	0.99000	
(5)	728	1608	3769	15166	34626	123170	2ORDR	-1.03e-002	6.808e-005	1.072e-010	0.99996	0.99000	
Aroclor-1260	1283	2505	6146	21275	49530	171150	2ORDR	-1.98e-002	4.738e-005	6.528e-011	0.99998	0.99000	
(2)	1190	2325	5827	21018	49982	176550	2ORDR	-1.22e-002	4.751e-005	5.21e-011	0.99999	0.99000	
(3)	2325	4501	11303	42875	104580	386870	2ORDR	-5.61e-003	2.322e-005	6.827e-012	1.00000	0.99000	
(4)	1087	2192	5717	22302	54289	204040	2ORDR	-2.3e-003	4.49e-005	2.018e-011	1.00000	0.99000	
(5)	610	1211	3127	12001	28862	104660	2ORDR	-4.36e-003	8.313e-005	1.191e-010	1.00000	0.99000	
Tetrachloro-m-xylene	859	1685	4284	16283	41080	147920	2ORDR	7.072e-005	1.171e-006	1.219e-012	0.99999	0.99000	
Decachlorobiphenyl	757	1488	3707	13166	30125	100230	2ORDR	-3.19e-004	1.515e-006	4.829e-012	0.99998	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date(s): 10/14/04 10/15/04

Column: RTX-35 ID: 0.53 (mm) Calibration Time(s): 1951 0838

LAB FILE ID: RF0.05: 6UJ2166 RF0.1: 6UJ2167 RF0.25: 6UJ2168
RF1: 6UJ2172 RF2.5: 6UJ2169 RF10: 6UJ2170

COMPOUND	RF0.05	RF0.1	RF0.25	RF1	RF2.5	RF10	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
Aroclor-1016	3637	6888	16077	52337	115220	372710	2ORDR	-3.4e-002	1.944e-005	2.009e-011	0.99994	0.99000	
(2)	1424	2822	6809	23719	53320	175590	2ORDR	-2.16e-002	4.246e-005	8.33e-011	0.99997	0.99000	
(3)	5694	10839	25242	83370	189140	631870	2ORDR	-3.e-002	1.217e-005	5.872e-012	0.99996	0.99000	
(4)	2263	4614	11037	37325	82404	288520	2ORDR	-3.44e-002	2.85e-005	2.179e-011	0.99990	0.99000	
(5)	1701	3550	8614	30009	67690	238930	2ORDR	-2.64e-002	3.488e-005	2.966e-011	0.99994	0.99000	
Aroclor-1221				22547			2ORDR	0.00000000	4.435e-005	0.00000000	1.00000	0.99000	<
(2)				15108			2ORDR	0.00000000	6.619e-005	0.00000000	1.00000	0.99000	<
(3)				41143			2ORDR	0.00000000	2.431e-005	0.00000000	1.00000	0.99000	<
(4)				9208			2ORDR	0.00000000	1.086e-004	0.00000000	1.00000	0.99000	<
Aroclor-1232				33733			2ORDR	0.00000000	2.964e-005	0.00000000	1.00000	0.99000	<
(2)				27445			2ORDR	0.00000000	3.644e-005	0.00000000	1.00000	0.99000	<
(3)				11671			2ORDR	0.00000000	8.568e-005	0.00000000	1.00000	0.99000	<
(4)				17378			2ORDR	0.00000000	5.754e-005	0.00000000	1.00000	0.99000	<
(5)				11875			2ORDR	0.00000000	8.421e-005	0.00000000	1.00000	0.99000	<
Aroclor-1242	4541	5936	13652	44003	107680	400620	2ORDR	-3.59e-002	2.301e-005	5.097e-012	0.99997	0.99000	
(2)	6828	9109	20982	69114	175460	675120	2ORDR	-2.66e-002	1.432e-005	7.816e-013	0.99996	0.99000	
(3)	2761	3746	9052	30249	76303	310280	2ORDR	-2.64e-002	3.344e-005	-3.63e-012	0.99998	0.99000	
(4)	2112	2928	6710	21508	53917	208260	2ORDR	-3.25e-002	4.669e-005	7.089e-012	0.99996	0.99000	
(5)	2586	3575	8392	29133	75839	308550	2ORDR	-1.62e-002	3.366e-005	-3.9e-012	0.99997	0.99000	
Aroclor-1248	3059	5777	14576	51721	111620	380140	2ORDR	-2.92e-002	2.054e-005	1.539e-011	0.99988	0.99000	
(2)	1249	2601	7034	28138	62986	230840	2ORDR	-1.16e-002	3.775e-005	2.439e-011	0.99991	0.99000	
(3)	2810	5518	14386	55149	121070	434420	2ORDR	-2.e-002	1.945e-005	8.343e-012	0.99989	0.99000	
(4)	2098	4083	10896	43880	98241	357200	2ORDR	-1.18e-002	2.413e-005	1.094e-011	0.99992	0.99000	
(5)	2001	3618	9721	40803	92668	349610	2ORDR	-8.48e-003	2.602e-005	7.472e-012	0.99993	0.99000	
Aroclor-1254	1203	2157	5525	16931	38120	135240	2ORDR	-4.26e-002	6.256e-005	8.656e-011	0.99990	0.99000	
(2)	1126	2159	5754	18588	43085	153900	2ORDR	-2.76e-002	5.549e-005	6.287e-011	0.99995	0.99000	
(3)	2010	4025	10094	34736	80963	296430	2ORDR	-2.35e-002	2.984e-005	1.341e-011	0.99996	0.99000	
(4)	3709	7545	18206	63569	148200	539980	2ORDR	-2.3e-002	1.627e-005	4.247e-012	0.99997	0.99000	
(5)	3264	6349	14308	49109	112490	433990	2ORDR	-3.68e-002	2.199e-005	2.63e-012	0.99993	0.99000	
Aroclor-1260	3164	6457	15946	54760	126870	454740	2ORDR	-2.37e-002	1.884e-005	7.039e-012	0.99996	0.99000	
(2)	2806	5336	13456	45215	105200	370430	2ORDR	-2.4e-002	2.256e-005	1.215e-011	0.99997	0.99000	
(3)	6138	11598	28671	101910	237380	858570	2ORDR	-2.07e-002	1.011e-005	1.817e-012	0.99997	0.99000	
(4)	3262	6250	15711	55412	127440	452320	2ORDR	-2.15e-002	1.862e-005	7.819e-012	0.99996	0.99000	
(5)	1502	2969	7675	27096	62348	215410	2ORDR	-1.73e-002	3.746e-005	4.199e-011	0.99997	0.99000	
Tetrachloro-m-xylene	2658	4916	12142	42724	99010	336840	2ORDR	-3.61e-004	4.691e-007	3.733e-013	0.99998	0.99000	
Decachlorobiphenyl	1468	2868	7117	23592	52516	168310	2ORDR	-4.98e-004	8.453e-007	2.057e-012	0.99996	0.99000	

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/14/04 Time: 2241

Lab File ID: 6UJ1151 Init. Calib. Date(s): 10/14/04 10/15/04

Init. Calib. Times: 1951 0838

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0612000	1.0000000	19505.000	0.01	6.12	15.00	2RDR
(2)	1.0470000	1.0000000	41084.000	0.01	4.70	15.00	2RDR
(3)	1.0671000	1.0000000	23092.000	0.01	6.71	15.00	2RDR
(4)	1.0410000	1.0000000	14729.000	0.01	4.10	15.00	2RDR
(5)	1.0286000	1.0000000	14922.000	0.01	2.86	15.00	2RDR
Average %D: 4.9000							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/14/04 Time: 2241

Lab File ID: 6UJ2151 Init. Calib. Date(s): 10/14/04 10/15/04

Init. Calib. Times: 1951 0838

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0481000	1.0000000	56830.000	0.01	4.81	15.00	2RDR
(2)	0.9960400	1.0000000	25698.000	0.01	-0.40	15.00	2RDR
(3)	1.0497000	1.0000000	88630.000	0.01	4.97	15.00	2RDR
(4)	1.0217000	1.0000000	40231.000	0.01	2.17	15.00	2RDR
(5)	0.9878400	1.0000000	32144.000	0.01	-1.22	15.00	2RDR
Average %D: 2.0700							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/14/04 Time: 2310

Lab File ID: 6UJ1152 Init. Calib. Date(s): 10/14/04 10/15/04

Init. Calib. Times: 1951 0838

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.0374000	1.0000000	21572.000	0.01	3.74	15.00	2RDR
(2)	1.0300000	1.0000000	21323.000	0.01	3.00	15.00	2RDR
(3)	1.0103000	1.0000000	43055.000	0.01	1.03	15.00	2RDR
(4)	1.0213000	1.0000000	22477.000	0.01	2.13	15.00	2RDR
(5)	1.0355000	1.0000000	12160.000	0.01	3.55	15.00	2RDR
Average %D: 2.6900							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/14/04 Time: 2310

Lab File ID: 6UJ2152 Init. Calib. Date(s): 10/14/04 10/15/04

Init. Calib. Times: 1951 0838

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1260	1.0380000	1.0000000	55201.000	0.01	3.80	15.00	2RDR
(2)	1.0479000	1.0000000	46351.000	0.01	4.79	15.00	2RDR
(3)	1.0533000	1.0000000	104260.00	0.01	5.33	15.00	2RDR
(4)	1.0610000	1.0000000	56777.000	0.01	6.10	15.00	2RDR
(5)	1.0511000	1.0000000	27661.000	0.01	5.11	15.00	2RDR
Average %D: 5.0200							

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/01/04 Time: 0954

Lab File ID: 6UJ1002 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	1.0104000	1.0000000	18931.000	0.01	1.04	15.00	2RDR
(2)	0.9891600	1.0000000	39770.000	0.01	-1.08	15.00	2RDR
(3)	0.9945200	1.0000000	22150.000	0.01	-0.55	15.00	2RDR
(4)	0.9713700	1.0000000	13866.000	0.01	-2.86	15.00	2RDR
(5)	1.0212000	1.0000000	14995.000	0.01	2.12	15.00	2RDR
Average %D: -0.270							
Aroclor-1260	1.0528000	1.0000000	21050.000	0.01	5.28	15.00	2RDR
(2)	1.0402000	1.0000000	20950.000	0.01	4.02	15.00	2RDR
(3)	1.0458000	1.0000000	44484.000	0.01	4.58	15.00	2RDR
(4)	1.0333000	1.0000000	22742.000	0.01	3.33	15.00	2RDR
(5)	1.0287000	1.0000000	11722.000	0.01	2.87	15.00	2RDR
Average %D: 4.0200							
Tetrachloro-m-xylene	1.92e-002	2.e-002	817400.00	0.01	-4.00	15.00	2RDR
Decachlorobiphenyl	1.99e-002	2.e-002	596050.00	0.01	-0.50	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/01/04 Time: 0954

Lab File ID: 6UJ2002 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9097700	1.0000000	46493.000	0.01	-9.02	15.00	2RDR
(2)	0.8501500	1.0000000	20110.000	0.01	-14.98	15.00	2RDR
(3)	0.8949800	1.0000000	71136.000	0.01	-10.50	15.00	2RDR
(4)	0.8974600	1.0000000	32467.000	0.01	-10.25	15.00	2RDR
(5)	0.8839700	1.0000000	25141.000	0.01	-11.60	15.00	2RDR
Average %D: -11.27							
Aroclor-1260	0.9531300	1.0000000	46480.000	0.01	-4.69	15.00	2RDR
(2)	0.9740600	1.0000000	37964.000	0.01	-2.59	15.00	2RDR
(3)	1.0802000	1.0000000	84262.000	0.01	8.02	15.00	2RDR
(4)	1.0060000	1.0000000	45875.000	0.01	0.60	15.00	2RDR
(5)	0.9982900	1.0000000	21159.000	0.01	-0.17	15.00	2RDR
Average %D: 0.2300							
Tetrachloro-m-xylene	1.71e-002	2.e-002	1781800.0	0.01	-14.50	15.00	2RDR
Decachlorobiphenyl	1.84e-002	2.e-002	907200.00	0.01	-8.00	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/01/04 Time: 1911

Lab File ID: 6UJ1021 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2636000	0.2500000	21768.000	0.01	5.44	15.00	2RDR	
(2)	0.2561700	0.2500000	44384.000	0.01	2.47	15.00	2RDR	
(3)	0.2539400	0.2500000	24732.000	0.01	1.58	15.00	2RDR	
(4)	0.2409200	0.2500000	14464.000	0.01	-3.63	15.00	2RDR	
(5)	0.2569400	0.2500000	17136.000	0.01	2.78	15.00	2RDR	
Average %D: 1.7200								
Aroclor-1260	0.2662300	0.2500000	22916.000	0.01	6.49	15.00	2RDR	
(2)	0.2572700	0.2500000	21740.000	0.01	2.91	15.00	2RDR	
(3)	0.2655300	0.2500000	46800.000	0.01	6.21	15.00	2RDR	
(4)	0.2607700	0.2500000	23444.000	0.01	4.31	15.00	2RDR	
(5)	0.2534000	0.2500000	11876.000	0.01	1.36	15.00	2RDR	
Average %D: 4.2400								
Tetrachloro-m-xylene	4.9e-003	5.e-003	859200.00	0.01	-2.00	15.00	2RDR	<-
Decachlorobiphenyl	5.01e-003	5.e-003	627200.00	0.01	0.20	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/01/04 Time: 1911

Lab File ID: 6UJ2021 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2553000	0.2500000	58368.000	0.01	2.12	15.00	2RDR	
(2)	0.2365800	0.2500000	24604.000	0.01	-5.37	15.00	2RDR	
(3)	0.2597200	0.2500000	91880.000	0.01	3.89	15.00	2RDR	
(4)	0.2419800	0.2500000	38656.000	0.01	-3.21	15.00	2RDR	
(5)	0.2442000	0.2500000	30060.000	0.01	-2.32	15.00	2RDR	
Average %D: -0.960								
Aroclor-1260	0.2740500	0.2500000	57784.000	0.01	9.62	15.00	2RDR	
(2)	0.2737000	0.2500000	46204.000	0.01	9.48	15.00	2RDR	
(3)	0.3075100	0.2500000	103140.00	0.01	23.00	15.00	2RDR	<-
(4)	0.2836700	0.2500000	55468.000	0.01	13.47	15.00	2RDR	
(5)	0.2814800	0.2500000	25372.000	0.01	12.59	15.00	2RDR	
Average %D: 13.640								
Tetrachloro-m-xylene	4.81e-003	5.e-003	2145600.0	0.01	-3.80	15.00	2RDR	<-
Decachlorobiphenyl	4.83e-003	5.e-003	1058200.0	0.01	-3.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/12/04 Time: 2132

Lab File ID: 6UJ1109 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2725000	0.2500000	22432.000	0.01	9.00	15.00	2RDR	
(2)	0.2395800	0.2500000	41728.000	0.01	-4.17	15.00	2RDR	
(3)	0.2578800	0.2500000	25080.000	0.01	3.15	15.00	2RDR	
(4)	0.2471800	0.2500000	14820.000	0.01	-1.13	15.00	2RDR	
(5)	0.2947500	0.2500000	19328.000	0.01	17.90	15.00	2RDR	<-
Average %D: 4.9600								
Aroclor-1260	0.3063000	0.2500000	26104.000	0.01	22.52	15.00	2RDR	<-
(2)	0.2958300	0.2500000	24848.000	0.01	18.33	15.00	2RDR	<-
(3)	0.2775300	0.2500000	48840.000	0.01	11.01	15.00	2RDR	
(4)	0.2764600	0.2500000	24832.000	0.01	10.58	15.00	2RDR	
(5)	0.2874800	0.2500000	13432.000	0.01	14.99	15.00	2RDR	
Average %D: 15.480								
Tetrachloro-m-xylene	5.05e-003	5.e-003	885200.00	0.01	1.00	15.00	2RDR	<-
Decachlorobiphenyl	6.15e-003	5.e-003	765800.00	0.01	23.00	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/12/04 Time: 2132

Lab File ID: 6UJ2109 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2902900	0.2500000	65480.000	0.01	16.12	15.00	2RDR	<-
(2)	0.2709100	0.2500000	27864.000	0.01	8.36	15.00	2RDR	
(3)	0.2738000	0.2500000	96288.000	0.01	9.52	15.00	2RDR	
(4)	0.2706900	0.2500000	42784.000	0.01	8.28	15.00	2RDR	
(5)	0.2614900	0.2500000	32020.000	0.01	4.60	15.00	2RDR	
Average %D: 9.3600								
Aroclor-1260	0.3102600	0.2500000	64764.000	0.01	24.10	15.00	2RDR	<-
(2)	0.3266000	0.2500000	54332.000	0.01	30.64	15.00	2RDR	<-
(3)	0.3616900	0.2500000	119800.00	0.01	44.68	15.00	2RDR	<-
(4)	0.3369000	0.2500000	65060.000	0.01	34.76	15.00	2RDR	<-
(5)	0.3618200	0.2500000	32144.000	0.01	44.73	15.00	2RDR	<-
Average %D: 35.800								
Tetrachloro-m-xylene	5.62e-003	5.e-003	2483000.0	0.01	12.40	15.00	2RDR	<-
Decachlorobiphenyl	6.93e-003	5.e-003	1468800.0	0.01	38.60	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/13/04 Time: 0728

Lab File ID: 6UJ1130 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.0929000	1.0000000	20370.000	0.01	9.29	15.00	2RDR	
(2)	1.0418000	1.0000000	41783.000	0.01	4.18	15.00	2RDR	
(3)	1.0730000	1.0000000	23797.000	0.01	7.30	15.00	2RDR	
(4)	1.0620000	1.0000000	15119.000	0.01	6.20	15.00	2RDR	
(5)	1.1289000	1.0000000	16447.000	0.01	12.89	15.00	2RDR	
Average %D: 7.9700								
Aroclor-1260	1.1895000	1.0000000	23648.000	0.01	18.95	15.00	2RDR	<-
(2)	1.1800000	1.0000000	23663.000	0.01	18.00	15.00	2RDR	<-
(3)	1.1589000	1.0000000	49175.000	0.01	15.89	15.00	2RDR	<-
(4)	1.1750000	1.0000000	25795.000	0.01	17.50	15.00	2RDR	<-
(5)	1.2029000	1.0000000	13661.000	0.01	20.29	15.00	2RDR	<-
Average %D: 18.130								
Tetrachloro-m-xylene	2.1e-002	2.e-002	892900.00	0.01	5.00	15.00	2RDR	
Decachlorobiphenyl	2.43e-002	2.e-002	719750.00	0.01	21.50	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/13/04 Time: 0728

Lab File ID: 6UJ2130 Init. Calib. Date(s): 09/13/04 09/13/04

Init. Calib. Times: 1824 2046

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	1.1515000	1.0000000	57629.000	0.01	15.15	15.00	2RDR	<-
(2)	1.1560000	1.0000000	26643.000	0.01	15.60	15.00	2RDR	<-
(3)	1.1646000	1.0000000	90707.000	0.01	16.46	15.00	2RDR	<-
(4)	1.1492000	1.0000000	40840.000	0.01	14.92	15.00	2RDR	
(5)	1.1711000	1.0000000	32738.000	0.01	17.11	15.00	2RDR	<-
Average %D: 15.850								
Aroclor-1260	1.2911000	1.0000000	61916.000	0.01	29.11	15.00	2RDR	<-
(2)	1.3069000	1.0000000	50165.000	0.01	30.69	15.00	2RDR	<-
(3)	1.4704000	1.0000000	113100.00	0.01	47.04	15.00	2RDR	<-
(4)	1.3872000	1.0000000	62319.000	0.01	38.72	15.00	2RDR	<-
(5)	1.4825000	1.0000000	30821.000	0.01	48.25	15.00	2RDR	<-
Average %D: 38.760								
Tetrachloro-m-xylene	2.32e-002	2.e-002	2379400.0	0.01	16.00	15.00	2RDR	<-
Decachlorobiphenyl	2.74e-002	2.e-002	1313400.0	0.01	37.00	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/15/04 Time: 1822

Lab File ID: 6UJ1184 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2745000	0.2500000	21928.000	0.01	9.80	15.00	2RDR	
(2)	0.2608400	0.2500000	43684.000	0.01	4.34	15.00	2RDR	
(3)	0.2706200	0.2500000	25364.000	0.01	8.25	15.00	2RDR	
(4)	0.2603100	0.2500000	15296.000	0.01	4.12	15.00	2RDR	
(5)	0.2849000	0.2500000	18488.000	0.01	13.96	15.00	2RDR	
Average %D: 8.0800								
Aroclor-1260	0.2745000	0.2500000	24636.000	0.01	9.80	15.00	2RDR	
(2)	0.2662600	0.2500000	23292.000	0.01	6.50	15.00	2RDR	
(3)	0.2583400	0.2500000	45316.000	0.01	3.34	15.00	2RDR	
(4)	0.2550400	0.2500000	22864.000	0.01	2.02	15.00	2RDR	
(5)	0.2654600	0.2500000	12924.000	0.01	6.18	15.00	2RDR	
Average %D: 5.5600								
Tetrachloro-m-xylene	5.18e-003	5.e-003	869400.00	0.01	3.60	15.00	2RDR	<-
Decachlorobiphenyl	5.54e-003	5.e-003	764200.00	0.01	10.80	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/15/04 Time: 1822

Lab File ID: 6UJ2184 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2915100	0.2500000	65864.000	0.01	16.60	15.00	2RDR	<-
(2)	0.2856100	0.2500000	28548.000	0.01	14.24	15.00	2RDR	
(3)	0.2844400	0.2500000	102130.00	0.01	13.78	15.00	2RDR	
(4)	0.2843700	0.2500000	44364.000	0.01	13.75	15.00	2RDR	
(5)	0.2780900	0.2500000	34664.000	0.01	11.24	15.00	2RDR	
Average %D: 13.920								
Aroclor-1260	0.2843700	0.2500000	64992.000	0.01	13.75	15.00	2RDR	
(2)	0.2905100	0.2500000	55344.000	0.01	16.20	15.00	2RDR	<-
(3)	0.2804600	0.2500000	118500.00	0.01	12.18	15.00	2RDR	
(4)	0.2830900	0.2500000	64992.000	0.01	13.24	15.00	2RDR	
(5)	0.2798100	0.2500000	31448.000	0.01	11.92	15.00	2RDR	
Average %D: 13.440								
Tetrachloro-m-xylene	5.77e-003	5.e-003	2588400.0	0.01	15.40	15.00	2RDR	<-
Decachlorobiphenyl	5.77e-003	5.e-003	1457000.0	0.01	15.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/18/04 Time: 1052

Lab File ID: 6UJ1210 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9713400	1.0000000	17947.000	0.01	-2.87	15.00	2RDR
(2)	0.9480300	1.0000000	37353.000	0.01	-5.20	15.00	2RDR
(3)	0.9705800	1.0000000	21100.000	0.01	-2.94	15.00	2RDR
(4)	0.9375600	1.0000000	13299.000	0.01	-6.24	15.00	2RDR
(5)	0.9957600	1.0000000	14480.000	0.01	-0.42	15.00	2RDR
Average %D: -3.530							
Aroclor-1260	0.9733400	1.0000000	20389.000	0.01	-2.67	15.00	2RDR
(2)	0.9571000	1.0000000	19963.000	0.01	-4.29	15.00	2RDR
(3)	0.9097000	1.0000000	38969.000	0.01	-9.03	15.00	2RDR
(4)	0.8892900	1.0000000	19681.000	0.01	-11.07	15.00	2RDR
(5)	0.9114100	1.0000000	10848.000	0.01	-8.86	15.00	2RDR
Average %D: -7.180							
Tetrachloro-m-xylene	1.85e-002	2.e-002	774650.00	0.01	-7.50	15.00	2RDR
Decachlorobiphenyl	1.96e-002	2.e-002	632350.00	0.01	-2.00	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/18/04 Time: 1052

Lab File ID: 6UJ2210 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF1.0000 or AMOUNT	CCAL RRF1.0000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Aroclor-1016	0.9245300	1.0000000	47026.000	0.01	-7.55	15.00	2RDR
(2)	0.8843600	1.0000000	20514.000	0.01	-11.56	15.00	2RDR
(3)	0.8882700	1.0000000	72917.000	0.01	-11.17	15.00	2RDR
(4)	0.9084600	1.0000000	32286.000	0.01	-9.15	15.00	2RDR
(5)	0.8595100	1.0000000	24871.000	0.01	-14.05	15.00	2RDR
Average %D: -10.70							
Aroclor-1260	0.9092700	1.0000000	48625.000	0.01	-9.07	15.00	2RDR
(2)	0.9494700	1.0000000	42188.000	0.01	-5.05	15.00	2RDR
(3)	0.9365200	1.0000000	93102.000	0.01	-6.35	15.00	2RDR
(4)	0.9311000	1.0000000	50103.000	0.01	-6.89	15.00	2RDR
(5)	0.9244600	1.0000000	24468.000	0.01	-7.55	15.00	2RDR
Average %D: -6.980							
Tetrachloro-m-xylene	1.79e-002	2.e-002	1886400.0	0.01	-10.50	15.00	2RDR
Decachlorobiphenyl	1.95e-002	2.e-002	1121200.0	0.01	-2.50	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/18/04 Time: 2205

Lab File ID: 6UJ1233 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-5 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2538300	0.2500000	20404.000	0.01	1.53	15.00	2RDR	
(2)	0.2395500	0.2500000	40348.000	0.01	-4.18	15.00	2RDR	
(3)	0.2510000	0.2500000	23676.000	0.01	0.40	15.00	2RDR	
(4)	0.2400900	0.2500000	14152.000	0.01	-3.96	15.00	2RDR	
(5)	0.2685900	0.2500000	17556.000	0.01	7.44	15.00	2RDR	
Average %D: 0.2400								
Aroclor-1260	0.2597100	0.2500000	23408.000	0.01	3.88	15.00	2RDR	
(2)	0.2516900	0.2500000	22080.000	0.01	0.68	15.00	2RDR	
(3)	0.2469200	0.2500000	43360.000	0.01	-1.23	15.00	2RDR	
(4)	0.2432600	0.2500000	21820.000	0.01	-2.70	15.00	2RDR	
(5)	0.2518800	0.2500000	12276.000	0.01	0.75	15.00	2RDR	
Average %D: 0.2800								
Tetrachloro-m-xylene	4.73e-003	5.e-003	792000.00	0.01	-5.40	15.00	2RDR	<-
Decachlorobiphenyl	5.23e-003	5.e-003	724600.00	0.01	4.60	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

Instrument ID: GC06 Calibration Date: 10/18/04 Time: 2205

Lab File ID: 6UJ2233 Init. Calib. Date(s): 10/14/04 10/14/04

Init. Calib. Times: 1951 2213

GC Column: RTX-35 ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF0.2500 or AMOUNT	CCAL RRF0.2500	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Aroclor-1016	0.2705300	0.2500000	61684.000	0.01	8.21	15.00	2RDR	
(2)	0.2511400	0.2500000	25384.000	0.01	0.46	15.00	2RDR	
(3)	0.2559600	0.2500000	92984.000	0.01	2.38	15.00	2RDR	
(4)	0.2571500	0.2500000	40604.000	0.01	2.86	15.00	2RDR	
(5)	0.2419400	0.2500000	30576.000	0.01	-3.22	15.00	2RDR	
Average %D: 2.1200								
Aroclor-1260	0.2580800	0.2500000	59476.000	0.01	3.23	15.00	2RDR	
(2)	0.2674400	0.2500000	51312.000	0.01	6.98	15.00	2RDR	
(3)	0.2616500	0.2500000	111140.00	0.01	4.66	15.00	2RDR	
(4)	0.2635800	0.2500000	60856.000	0.01	5.43	15.00	2RDR	
(5)	0.2655900	0.2500000	29956.000	0.01	6.24	15.00	2RDR	
Average %D: 5.3200								
Tetrachloro-m-xylene	5.e-003	5.e-003	2266800.0	0.01	0.00	15.00	2RDR	<-
Decachlorobiphenyl	5.53e-003	5.e-003	1402800.0	0.01	10.60	15.00	2RDR	<-

FORM VII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION					
	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
01	ICAL	AR1242 1.0PP	09/01/04	1553		
02	ICAL	AR1254 1.0PP	09/01/04	2134		
03	ICAL	AR1221 1.0PP	09/02/04	0024		
04	ICAL	AR1232 1.0PP	09/02/04	0053		
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.80 DCB: 20.17

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	09/13/04	1824	6.83	20.19
02	ICAL	AR1660 0.05P	09/13/04	1852	6.81	20.17
03	ICAL	AR1660 0.1PP	09/13/04	1921	6.81	20.17
04	ICAL	AR1660 0.25P	09/13/04	1949	6.81	20.17
05	ICAL	AR1660 2.5PP	09/13/04	2017	6.81	20.17
06	ICAL	AR1660 10PPM	09/13/04	2046	6.81	20.17
07	ICAL	AR1248 1.0PP	09/13/04	2114		
08	INDSOURCE	AR1016 1.0PP	09/14/04	0005		
09	INDSOURCE	AR1260 1.0PP	09/14/04	0033		
10	CV	AR1660 1.0PP	10/01/04	0954	6.79	20.14
11	WG10265-BLAN	WG10265-1	10/01/04	1204	6.79	20.14
12	WG10265-LCS	WG10265-2	10/01/04	1232	6.78	20.14
13	WG10265-LCSD	WG10265-3	10/01/04	1301	6.78	20.14
14	CV	AR1660 0.25P	10/01/04	1911	6.78	20.13
15	CV	AR1660 0.25P	10/12/04	2132	6.77	20.13
16	KWFCSB-MW07-	WU3200-1	10/12/04	2326	6.77	20.13
17	KWFCSB-MW07-	WU3200-2	10/12/04	2355	6.77	20.13
18	KWFCSB-MW08-	WU3200-4	10/13/04	0051	6.77	20.13
19	KWFCSB-MW09-	WU3200-5	10/13/04	0120	6.77	20.13
20	KWFCSB-MW09-	WU3200-6	10/13/04	0148	6.77	20.13

QC LIMITS

TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.80 DCB: 20.17

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCSB-MW10-	WU3200-8	10/13/04	0244	6.77	20.13
02	KWFCSB-MW11-	WU3200-9	10/13/04	0313	6.77	20.13
03	KWFCSB-MW11-	WU3200-10	10/13/04	0341	6.77	20.13
04	KWFCSB-MW12-	WU3200-11	10/13/04	0410	6.77	20.13
05	KWFCSB-MW12-	WU3200-12	10/13/04	0438	6.77	20.13
06	KWFCSB-DUP-0	WU3200-13	10/13/04	0506	6.77	20.13
07	KWFCSB-SS01-	WU3200-14	10/13/04	0534	6.77	20.13
08	KWFCSB-SS01-	WU3200-15	10/13/04	0602	6.77	20.13
09	KWFCSB-SS02-	WU3200-16	10/13/04	0631	6.77	20.13
10	KWFCSB-SS02-	WU3200-17	10/13/04	0659	6.77	20.13
11	CV	AR1660 1.0PP	10/13/04	0728	6.77	20.13
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.76 DCB: 20.12

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	10/14/04	1951	6.76	20.12
02	ICAL	AR1660 0.05P	10/14/04	2019	6.76	20.12
03	ICAL	AR1660 0.1PP	10/14/04	2048	6.76	20.12
04	ICAL	AR1660 0.25P	10/14/04	2116	6.76	20.12
05	ICAL	AR1660 2.5PP	10/14/04	2145	6.76	20.12
06	ICAL	AR1660 10PPM	10/14/04	2213	6.76	20.12
07	CV	AR1016 1.0PP	10/14/04	2241		
08	CV	AR1260 1.0PP	10/14/04	2310		
09	ICAL	AR1242 1.0PP	10/14/04	2338		
10	ICAL	AR1248 1.0PP	10/15/04	0229		
11	ICAL	AR1254 1.0PP	10/15/04	0519		
12	ICAL	AR1221 1.0PP	10/15/04	0810		
13	ICAL	AR1232 1.0PP	10/15/04	0838		
14	KWFCSB-MW08-	WU3200-3RA	10/15/04	1246	6.78	20.13
15	CV	AR1660 0.25P	10/15/04	1822	6.76	20.12
16	CV	AR1660 1.0PP	10/18/04	1052	6.76	20.12
17	WG10265-BLAN	WG10265-1SC	10/18/04	1333	6.76	20.11
18	WG10265-LCS	WG10265-2SC	10/18/04	1402	6.75	20.11
19	WG10265-LCSD	WG10265-3SC	10/18/04	1430	6.75	20.11
20	KWFCSB-MW10-	WU3200-7SC	10/18/04	1459	6.75	20.11

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.76 DCB: 20.12

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	CV	AR1660 0.25P	10/18/04	2205	6.75	20.11
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION					
	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	RT #	RT #
01	ICAL	AR1242 1.0PP	09/01/04	1553		
02	ICAL	AR1254 1.0PP	09/01/04	2134		
03	ICAL	AR1221 1.0PP	09/02/04	0024		
04	ICAL	AR1232 1.0PP	09/02/04	0053		
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.63 DCB: 20.57

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	09/13/04	1824	6.64	20.59
02	ICAL	AR1660 0.05P	09/13/04	1852	6.63	20.58
03	ICAL	AR1660 0.1PP	09/13/04	1921	6.63	20.58
04	ICAL	AR1660 0.25P	09/13/04	1949	6.63	20.58
05	ICAL	AR1660 2.5PP	09/13/04	2017	6.63	20.58
06	ICAL	AR1660 10PPM	09/13/04	2046	6.63	20.57
07	ICAL	AR1248 1.0PP	09/13/04	2114		
08	INDSOURCE	AR1016 1.0PP	09/14/04	0005		
09	INDSOURCE	AR1260 1.0PP	09/14/04	0033		
10	CV	AR1660 1.0PP	10/01/04	0954	6.60	20.54
11	WG10265-BLAN	WG10265-1	10/01/04	1204	6.60	20.54
12	WG10265-LCS	WG10265-2	10/01/04	1232	6.60	20.54
13	WG10265-LCSD	WG10265-3	10/01/04	1301	6.60	20.54
14	CV	AR1660 0.25P	10/01/04	1911	6.60	20.54
15	CV	AR1660 0.25P	10/12/04	2132	6.59	20.53
16	KWFCSB-MW07-	WU3200-1	10/12/04	2326	6.59	20.53
17	KWFCSB-MW07-	WU3200-2	10/12/04	2355	6.59	20.53
18	KWFCSB-MW08-	WU3200-4	10/13/04	0051	6.59	20.53
19	KWFCSB-MW09-	WU3200-5	10/13/04	0120	6.59	20.53
20	KWFCSB-MW09-	WU3200-6	10/13/04	0148	6.59	20.53

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 09/01/04 09/13/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.63 DCB: 20.57

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCSB-MW10-	WU3200-8	10/13/04	0244	6.58	20.53
02	KWFCSB-MW11-	WU3200-9	10/13/04	0313	6.59	20.53
03	KWFCSB-MW11-	WU3200-10	10/13/04	0341	6.59	20.53
04	KWFCSB-MW12-	WU3200-11	10/13/04	0410	6.59	20.53
05	KWFCSB-MW12-	WU3200-12	10/13/04	0438	6.58	20.53
06	KWFCSB-DUP-0	WU3200-13	10/13/04	0506	6.59	20.53
07	KWFCSB-SS01-	WU3200-14	10/13/04	0534	6.58	20.53
08	KWFCSB-SS01-	WU3200-15	10/13/04	0602	6.58	20.52
09	KWFCSB-SS02-	WU3200-16	10/13/04	0631	6.58	20.53
10	KWFCSB-SS02-	WU3200-17	10/13/04	0659	6.58	20.52
11	CV	AR1660 1.0PP	10/13/04	0728	6.59	20.53
12						
13						
14						
15						
16						
17						
18						
19						
20						

	QC LIMITS
TCX = Tetrachloro-m-xylene	(+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl	(+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.57 DCB: 20.51

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	10/14/04	1951	6.57	20.51
02	ICAL	AR1660 0.05P	10/14/04	2019	6.57	20.51
03	ICAL	AR1660 0.1PP	10/14/04	2048	6.57	20.51
04	ICAL	AR1660 0.25P	10/14/04	2116	6.57	20.51
05	ICAL	AR1660 2.5PP	10/14/04	2145	6.57	20.51
06	ICAL	AR1660 10PPM	10/14/04	2213	6.57	20.51
07	ICAL	AR1016 1.0PP	10/14/04	2241		
08	ICAL	AR1260 1.0PP	10/14/04	2310		
09	ICAL	AR1242 1.0PP	10/14/04	2338		
10	ICAL	AR1248 1.0PP	10/15/04	0229		
11	ICAL	AR1254 1.0PP	10/15/04	0519		
12	ICAL	AR1221 1.0PP	10/15/04	0810		
13	ICAL	AR1232 1.0PP	10/15/04	0838		
14	KWFCSB-MW08-	WU3200-3RA	10/15/04	1246	6.58	20.51
15	CV	AR1660 0.25P	10/15/04	1822	6.57	20.51
16	CV	AR1660 1.0PP	10/18/04	1052	6.57	20.50
17	WG10265-BLAN	WG10265-1SC	10/18/04	1333	6.57	20.50
18	WG10265-LCS	WG10265-2SC	10/18/04	1402	6.57	20.50
19	WG10265-LCSD	WG10265-3SC	10/18/04	1430	6.57	20.50
20	KWFCSB-MW10-	WU3200-7SC	10/18/04	1459	6.56	20.50

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3200

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.57 DCB: 20.51

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	CV	AR1660 0.25P	10/18/04	2205	6.56	20.50
02						
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-MW
10-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-7SC Date(s) Analyzed: 10/18/04 10/18/04

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1260 COLUMN 1	1	15.53	15.46	15.60	17.8		
	2	16.07	16.00	16.14	15.0		
	3	17.32	17.26	17.40	23.5		
	4	18.67	18.60	18.74	23.3		
	5					19.9	
COLUMN 2	1	16.57	16.49	16.63	17.6		
	2	16.96	16.90	17.04	16.2		
	3	17.92	17.85	17.99	14.7		
	4	19.05	18.98	19.12	18.1		
	5					16.7	16.1
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCSB-MW
08-02-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3200

Lab Sample ID: WU3200-3RA Date(s) Analyzed: 10/15/04 10/15/04

Instrument ID (1): GC06 Instrument ID (2): GC06

GC Column(1): RTX-5 ID: 0.53(mm) GC Column(2): RTX-35 ID: 0.53(mm)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
Aroclor-1260 COLUMN 1	1	15.56	15.47	15.61	55.5		
	2	16.09	16.00	16.14	58.3		
	3	16.68	16.59	16.73	89.1		
	4	17.35	17.27	17.41	109		
	5	18.69	18.61	18.75	95.7	81.5	
COLUMN 2	1	15.67	15.61	15.75	120		
	2	16.59	16.50	16.64	61.6		
	3	16.99	16.90	17.04	89.0		
	4	17.94	17.86	18.00	97.4		
	5	19.07	19.00	19.14	94.2	92.3	11.7
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						
_____ COLUMN 1	1						
	2						
	3						
	4						
	5						
COLUMN 2	1						
	2						
	3						
	4						
	5						

At least 3 peaks are required for identification of multicomponent analytes.

FORM X PEST-2

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**NOVEMBER 8, 2005**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS AND TIN**
CTO – 351 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – WU3200

SAMPLES: 17/Soil/

KWFCSB-DUP-00-0904
KWFCSB-MW07-04-0904
KWFCSB-MW08-04-0904
KWFCSB-MW09-04-0904
KWFCSB-MW10-04-0904
KWFCSB-MW11-04-0904
KWFCSB-MW12-04-0904
KWFCSB-SS01-04-0904
KWFCSB-SS02-04-0904
KWFCSB-MW07-02-0904
KWFCSB-MW08-02-0904
KWFCSB-MW09-02-0904
KWFCSB-MW10-02-0904
KWFCSB-MW11-02-0904
KWFCSB-MW12-02-0904
KWFCSB-SS01-02-0904
KWFCSB-SS02-02-0904

Overview

The sample set for CTO 351, NAS Key West, SDG WU3200, consists of seventeen (17) soil environmental samples. One (1) field duplicate pair (KWFCSB-DUP-00-0904 / KWFCSB-MW07-04-0904) is included within this SDG.

All samples were analyzed for target analyte list (TAL) metals and tin. The samples were collected by TetraTech NUS on September 22 and 23, 2004 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Metals analyses, with the exception of mercury, were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7471A.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
  • Laboratory Blank Analyses
* • Field Duplicate Results
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	65.6 ug/L	32.8 mg/kg
Barium[1]	0.079 mg/kg	0.395 mg/kg
Beryllium	1.12 ug/L	0.56 mg/kg
Calcium[1]	8.075 mg/kg	40.375 mg/kg
Cobalt	0.64 ug/L	0.32 mg/kg
Iron	27.14 ug/L	13.57 mg/kg
Lead	11.76 ug/L	5.88 mg/kg
Magnesium	43.82 ug/L	21.91 mg/kg
Manganese[1]	0.131 mg/kg	0.655 mg/kg
Nickel	13.47 ug/L	6.735 mg/kg
Potassium	278.56 ug/L	139.28 mg/kg
Silver[1]	0.807 mg/kg	4.035 mg/kg
Sodium[1]	9.09 mg/kg	45.45 mg/kg
Tin[1]	3.077 mg/kg	15.385 mg/kg
Zinc	4.9 ug/L	2.45 mg/kg

[1] Maximum concentration present in a laboratory preparation blank.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot, percent solids and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for aluminum, beryllium, cobalt, lead, manganese, nickel, potassium, tin and zinc were qualified "U" as a result of laboratory blank contamination.

Notes

All samples were diluted 10X for calcium.

All samples were redigested for lead due to preparation blank contamination in the original digestion. For convenience, the laboratory also reported antimony, arsenic, chromium, cobalt, selenium, thallium and tin from the redigestion.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Erin M Faust

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is less than sample activity

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-DUP-00-0904
samp_date	9/22/2004
lab_id	WU3200-013
qc_type	NM
units	MG/KG
Pct_Solids	85.7
DUP_OF:	KWFCSB-MW07-04-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	47.1			
ANTIMONY	0.20	U	U	
ARSENIC	0.25	U	U	
BARIUM	6.7			
BERYLLIUM	0.08	I	U	A
CADMIUM	0.31	U	U	
CALCIUM	284000			
CHROMIUM	1.7			
COBALT	0.10	I	U	A
COPPER	0.80	I		
IRON	28.2			
LEAD	0.66		U	A
MAGNESIUM	904			
MANGANESE	0.92			
MERCURY	0.01	U	U	
NICKEL	1.4	I	U	A
POTASSIUM	37.7	I	U	A
SELENIUM	0.31	U	U	
SILVER	0.22	U	U	
SODIUM	1100			
THALLIUM	0.34	U	U	
TIN	2.5	I	U	A
VANADIUM	0.68	I		
ZINC	0.74	I	U	A

nsample	KWFCSB-MW07-02-0904
samp_date	9/22/2004
lab_id	WU3200-001
qc_type	NM
units	MG/KG
Pct_Solids	86.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	46.3			
ANTIMONY	0.27	I		
ARSENIC	0.78			
BARIUM	10.6			
BERYLLIUM	0.09	I	U	A
CADMIUM	0.34	U	U	
CALCIUM	376000			
CHROMIUM	1.9			
COBALT	0.15	I	U	A
COPPER	1.6	I		
IRON	39.4			
LEAD	5.3			
MAGNESIUM	1020			
MANGANESE	0.99			
MERCURY	0.01	U	U	
NICKEL	1.2	I	U	A
POTASSIUM	34.6	I	U	A
SELENIUM	0.26	U	U	
SILVER	0.25	U	U	
SODIUM	1270			
THALLIUM	0.28	U	U	
TIN	2.1	I	U	A
VANADIUM	1.1	I		
ZINC	11.0			

nsample	KWFCSB-MW07-04-0904
samp_date	9/22/2004
lab_id	WU3200-002
qc_type	NM
units	MG/KG
Pct_Solids	84.7
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	41.6			
ANTIMONY	0.23	U	U	
ARSENIC	0.33	I		
BARIUM	7.7			
BERYLLIUM	0.11	I	U	A
CADMIUM	0.36	U	U	
CALCIUM	358000			
CHROMIUM	2.0			
COBALT	0.06	U	U	
COPPER	1.1	I		
IRON	32.5			
LEAD	0.78		U	A
MAGNESIUM	898			
MANGANESE	0.74			
MERCURY	0.01	U	U	
NICKEL	1.5	I	U	A
POTASSIUM	49.9	I	U	A
SELENIUM	0.36	U	U	
SILVER	0.26	U	U	
SODIUM	1420			
THALLIUM	0.42	I		
TIN	2.8	I	U	A
VANADIUM	1.4	I		
ZINC	1.1	I	U	A

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-MW08-02-0904
samp_date	9/22/2004
lab_id	WU3200-003
qc_type	NM
units	MG/KG
Pct_Solids	80.9
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	1930			
ANTIMONY	1.2			
ARSENIC	1.6			
BARIUM	26.8			
BERYLLIUM	0.15	I	U	A
CADMIUM	1.0			
CALCIUM	323000			
CHROMIUM	9.9			
COBALT	0.60	I		
COPPER	18.8			
IRON	2630			
LEAD	182			
MAGNESIUM	1380			
MANGANESE	25.4			
MERCURY	0.01	I		
NICKEL	3.1	I	U	A
POTASSIUM	143			
SELENIUM	0.34	U	U	
SILVER	0.25	U	U	
SODIUM	924			
THALLIUM	0.38	U	U	
TIN	4.0	I	U	A
VANADIUM	2.6			
ZINC	68.0			

nsample	KWFCSB-MW08-04-0904
samp_date	9/22/2004
lab_id	WU3200-004
qc_type	NM
units	MG/KG
Pct_Solids	85.0
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	103			
ANTIMONY	0.20	U	U	
ARSENIC	0.32	I		
BARIUM	6.2			
BERYLLIUM	0.12	I	U	A
CADMIUM	0.35	U	U	
CALCIUM	360000			
CHROMIUM	2.2			
COBALT	0.19	I	U	A
COPPER	1.5	I		
IRON	73.7			
LEAD	0.76		U	A
MAGNESIUM	1010			
MANGANESE	2.3			
MERCURY	0.01	U	U	
NICKEL	1.2	I	U	A
POTASSIUM	44.3	I	U	A
SELENIUM	0.31	U	U	
SILVER	0.25	U	U	
SODIUM	1110			
THALLIUM	0.34	U	U	
TIN	2.6	I	U	A
VANADIUM	0.76	I		
ZINC	1.5	I	U	A

nsample	KWFCSB-MW09-02-0904
samp_date	9/22/2004
lab_id	WU3200-005
qc_type	NM
units	MG/KG
Pct_Solids	87.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	51.5			
ANTIMONY	0.18	I		
ARSENIC	0.24	I		
BARIUM	6.8			
BERYLLIUM	0.10	I	U	A
CADMIUM	0.36	U	U	
CALCIUM	335000			
CHROMIUM	1.8			
COBALT	0.07	I	U	A
COPPER	0.93	I		
IRON	28.4			
LEAD	11.2			
MAGNESIUM	858			
MANGANESE	0.87			
MERCURY	0.01	U	U	
NICKEL	1.3	I	U	A
POTASSIUM	32.7	I	U	A
SELENIUM	0.27	U	U	
SILVER	0.26	U	U	
SODIUM	1390			
THALLIUM	0.29	U	U	
TIN	2.2	I	U	A
VANADIUM	0.98	I		
ZINC	1.0	I	U	A

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-MW09-04-0904
samp_date	9/22/2004
lab_id	WU3200-006
qc_type	NM
units	MG/KG
Pct_Solids	84.3
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	39.8			
ANTIMONY	0.17	U	U	
ARSENIC	0.30	I		
BARIUM	6.7			
BERYLLIUM	0.11	I	U	A
CADMIUM	0.34	U	U	
CALCIUM	361000			
CHROMIUM	1.6			
COBALT	0.05	U	U	
COPPER	0.88	I		
IRON	16.5			
LEAD	11.9			
MAGNESIUM	860			
MANGANESE	0.55		U	A
MERCURY	0.01	U	U	
NICKEL	0.93	U	U	
POTASSIUM	30.9	I	U	A
SELENIUM	0.26	U	U	
SILVER	0.24	U	U	
SODIUM	1300			
THALLIUM	0.29	U	U	
TIN	2.2	I	U	A
VANADIUM	0.89	I		
ZINC	0.71	I	U	A

nsample	KWFCSB-MW10-02-0904
samp_date	9/22/2004
lab_id	WU3200-007
qc_type	NM
units	MG/KG
Pct_Solids	80.6
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	298			
ANTIMONY	0.19	U	U	
ARSENIC	0.38	I		
BARIUM	47.3			
BERYLLIUM	0.15	I	U	A
CADMIUM	0.55	I		
CALCIUM	290000			
CHROMIUM	5.1			
COBALT	0.24	I	U	A
COPPER	7.2			
IRON	1320			
LEAD	40.9			
MAGNESIUM	998			
MANGANESE	9.7			
MERCURY	0.01	U	U	
NICKEL	2.3	I	U	A
POTASSIUM	47.9	I	U	A
SELENIUM	0.31	U	U	
SILVER	0.31	U	U	
SODIUM	1200			
THALLIUM	0.34	U	U	
TIN	2.8	I	U	A
VANADIUM	1.7	I		
ZINC	21.2			

nsample	KWFCSB-MW10-04-0904
samp_date	9/22/2004
lab_id	WU3200-008
qc_type	NM
units	MG/KG
Pct_Solids	79.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	47.0			
ANTIMONY	0.16	U	U	
ARSENIC	0.26	I		
BARIUM	9.4			
BERYLLIUM	0.11	I	U	A
CADMIUM	0.41	U	U	
CALCIUM	370000			
CHROMIUM	2.0			
COBALT	0.16	I	U	A
COPPER	1.5	I		
IRON	97.2			
LEAD	1.2		U	A
MAGNESIUM	950			
MANGANESE	2.2			
MERCURY	0.01	U	U	
NICKEL	1.1	I	U	A
POTASSIUM	46.0	I	U	A
SELENIUM	0.26	U	U	
SILVER	0.29	U	U	
SODIUM	1320			
THALLIUM	0.28	U	U	
TIN	2.1	I	U	A
VANADIUM	1.7	I		
ZINC	1.8	I	U	A

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-MW11-02-0904
samp_date	9/22/2004
lab_id	WU3200-009
qc_type	NM
units	MG/KG
Pct_Solids	82.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	43.8			
ANTIMONY	0.19	U	U	
ARSENIC	0.25	U	U	
BARIUM	8.0			
BERYLLIUM	0.10	I	U	A
CADMIUM	0.36	U	U	
CALCIUM	365000			
CHROMIUM	1.6			
COBALT	0.07	I	U	A
COPPER	0.88	I		
IRON	22.4			
LEAD	0.45		U	A
MAGNESIUM	927			
MANGANESE	0.78			
MERCURY	0.01	U	U	
NICKEL	1.7	I	U	A
POTASSIUM	43.4	I	U	A
SELENIUM	0.31	U	U	
SILVER	0.26	U	U	
SODIUM	1360			
THALLIUM	0.34	U	U	
TIN	2.7	I	U	A
VANADIUM	0.64	I		
ZINC	0.70	I	U	A

nsample	KWFCSB-MW11-04-0904
samp_date	9/22/2004
lab_id	WU3200-010
qc_type	NM
units	MG/KG
Pct_Solids	83.2
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	34.7		U	A
ANTIMONY	0.25	U	U	
ARSENIC	0.33	U	U	
BARIUM	7.6			
BERYLLIUM	0.12	I	U	A
CADMIUM	0.43	U	U	
CALCIUM	364000			
CHROMIUM	1.7			
COBALT	0.07	U	U	
COPPER	1.0	I		
IRON	18.6			
LEAD	0.44	I	U	A
MAGNESIUM	678			
MANGANESE	0.51	I	U	A
MERCURY	0.01	U	U	
NICKEL	1.6	I	U	A
POTASSIUM	25.53	U	U	
SELENIUM	0.40	U	U	
SILVER	0.30	U	U	
SODIUM	1350			
THALLIUM	1.2	I		
TIN	3.4	I	U	A
VANADIUM	0.94	I		
ZINC	0.70	I	U	A

nsample	KWFCSB-MW12-02-0904
samp_date	9/22/2004
lab_id	WU3200-011
qc_type	NM
units	MG/KG
Pct_Solids	85.8
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	504			
ANTIMONY	0.32	I		
ARSENIC	0.75	I		
BARIUM	9.9			
BERYLLIUM	0.14	I	U	A
CADMIUM	0.46	I		
CALCIUM	302000			
CHROMIUM	2.6			
COBALT	0.21	I	U	A
COPPER	6.1			
IRON	417			
LEAD	4.5		U	A
MAGNESIUM	1360			
MANGANESE	9.8			
MERCURY	0.01	U	U	
NICKEL	1.3	I	U	A
POTASSIUM	39.0	I	U	A
SELENIUM	0.36	U	U	
SILVER	0.28	U	U	
SODIUM	990			
THALLIUM	0.39	U	U	
TIN	2.9	I	U	A
VANADIUM	1.2	I		
ZINC	12.8			

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-MW12-04-0904	nsample	KWFCSB-SS01-02-0904	nsample	KWFCSB-SS01-04-0904
samp_date	9/22/2004	samp_date	9/23/2004	samp_date	9/23/2004
lab_id	WU3200-012	lab_id	WU3200-014	lab_id	WU3200-015
qc_type	NM	qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG	units	MG/KG
Pct_Solids	84.2	Pct_Solids	88.3	Pct_Solids	85.9
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	69.3			
ANTIMONY	0.23	U	U	
ARSENIC	0.29	U	U	
BARIUM	7.0			
BERYLLIUM	0.11	I	U	A
CADMIUM	0.37	U	U	
CALCIUM	316000			
CHROMIUM	1.9			
COBALT	0.10	I	U	A
COPPER	1.1	I		
IRON	43.8			
LEAD	0.16	U	U	
MAGNESIUM	814			
MANGANESE	1.3			
MERCURY	0.01	U	U	
NICKEL	1.8	I	U	A
POTASSIUM	54.6	I	U	A
SELENIUM	0.36	U	U	
SILVER	0.27	U	U	
SODIUM	1360			
THALLIUM	0.39	U	U	
TIN	2.9	I	U	A
VANADIUM	0.68	I		
ZINC	1.1	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	253			
ANTIMONY	0.22	U	U	
ARSENIC	0.85			
BARIUM	8.5			
BERYLLIUM	0.12	I	U	A
CADMIUM	0.39	U	U	
CALCIUM	333000			
CHROMIUM	3.1			
COBALT	0.19	I	U	A
COPPER	3.9			
IRON	274			
LEAD	8.0			
MAGNESIUM	1100			
MANGANESE	60.9			
MERCURY	0.01	U	U	
NICKEL	2.0	I	U	A
POTASSIUM	104		U	A
SELENIUM	0.35	U	U	
SILVER	0.28	U	U	
SODIUM	978			
THALLIUM	0.39	U	U	
TIN	2.8	I	U	A
VANADIUM	1.6	I		
ZINC	11.1			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	190			
ANTIMONY	0.22	U	U	
ARSENIC	0.62	I		
BARIUM	7.6			
BERYLLIUM	0.10	I	U	A
CADMIUM	0.28	U	U	
CALCIUM	339000			
CHROMIUM	2.5			
COBALT	0.13	I	U	A
COPPER	2.3			
IRON	158			
LEAD	8.1			
MAGNESIUM	1070			
MANGANESE	44.5			
MERCURY	0.01	U	U	
NICKEL	1.2	I	U	A
POTASSIUM	48.0	I	U	A
SELENIUM	0.35	U	U	
SILVER	0.20	U	U	
SODIUM	1080			
THALLIUM	0.38	U	U	
TIN	2.9	I	U	A
VANADIUM	0.88	I		
ZINC	7.5			

PROJ_NO: 2943

SDG: WU3200 MEDIA: SOIL DATA FRACTION: M

nsample	KWFCSB-SS02-02-0904	nsample	KWFCSB-SS02-04-0904
samp_date	9/23/2004	samp_date	9/23/2004
lab_id	WU3200-016	lab_id	WU3200-017
qc_type	NM	qc_type	NM
units	MG/KG	units	MG/KG
Pct_Solids	88.6	Pct_Solids	84.3
DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	263			
ANTIMONY	0.21	U	U	
ARSENIC	1.9			
BARIUM	12.1			
BERYLLIUM	0.13	I	U	A
CADMIUM	0.36	U	U	
CALCIUM	327000			
CHROMIUM	3.0			
COBALT	0.21	I	U	A
COPPER	5.8			
IRON	366			
LEAD	23.9			
MAGNESIUM	1360			
MANGANESE	62.6			
MERCURY	0.01	U	U	
NICKEL	1.7	I	U	A
POTASSIUM	112		U	A
SELENIUM	0.33	U	U	
SILVER	0.26	U	U	
SODIUM	955			
THALLIUM	0.37	U	U	
TIN	3.1	I	U	A
VANADIUM	1.3	I		
ZINC	12.7			

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	161			
ANTIMONY	0.15	U	U	
ARSENIC	0.36	I		
BARIUM	7.7			
BERYLLIUM	0.12	I	U	A
CADMIUM	0.30	U	U	
CALCIUM	340000			
CHROMIUM	2.1			
COBALT	0.07	I	U	A
COPPER	2.1			
IRON	210			
LEAD	5.7			
MAGNESIUM	1030			
MANGANESE	37.4			
MERCURY	0.01	U	U	
NICKEL	1.8	I	U	A
POTASSIUM	76.4		U	A
SELENIUM	0.24	U	U	
SILVER	0.21	U	U	
SODIUM	1180			
THALLIUM	0.26	U	U	
TIN	2.0	I	U	A
VANADIUM	0.69	I		
ZINC	5.9			

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-DUP-00-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 85.7 **Lab Sample ID:** WU3200-013

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	47.1			P	1	24	1.40
7440-36-0	ANTIMONY, TOTAL	0.20	U		P	1	0.67	0.20
7440-38-2	ARSENIC, TOTAL	0.25	U		P	1	0.67	0.25
7440-39-3	BARIUM, TOTAL	6.7			P	1	0.39	0.04
7440-41-7	BERYLLIUM, TOTAL	0.08	I		P	1	0.39	0.02
7440-43-9	CADMIUM, TOTAL	0.31	U		P	1	0.78	0.31
7440-70-2	CALCIUM, TOTAL	284000			P	10	39	16.77
7440-47-3	CHROMIUM, TOTAL	1.7			P	1	1.2	0.07
7440-48-4	COBALT, TOTAL	0.1	I		P	1	2.5	0.05
7440-50-8	COPPER, TOTAL	0.80	I		P	1	2.0	0.15
7439-89-6	IRON, TOTAL	28.2			P	1	7.8	0.40
7439-92-1	LEAD, TOTAL	0.66			P	1	0.42	0.14
7439-95-4	MAGNESIUM, TOTAL	904			P	1	3.9	1.94
7439-96-5	MANGANESE, TOTAL	0.92			P	1	0.39	0.09
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.039	0.01
7440-02-0	NICKEL, TOTAL	1.4	I		P	1	3.1	0.85
7440-09-7	POTASSIUM, TOTAL	37.7	I		P	1	78	18.65
7782-49-2	SELENIUM, TOTAL	0.31	U		P	1	0.83	0.31
7440-22-4	SILVER, TOTAL	0.22	U		P	1	1.2	0.22
7440-23-5	SODIUM, TOTAL	1100			P	1	78	1.50
7440-28-0	THALLIUM, TOTAL	0.34	U		P	1	1.2	0.34
7440-31-5	TIN, TOTAL	2.5	I		P	1	8.3	0.15
7440-62-2	VANADIUM, TOTAL	0.68	I		P	1	2.0	0.32
7440-66-6	ZINC, TOTAL	0.74	I		P	1	2.0	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW07-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 86.0 **Lab Sample ID:** WU3200-001

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	46.3			P	1	26	1.55
7440-36-0	ANTIMONY, TOTAL	0.27	I		P	1	0.55	0.16
7440-38-2	ARSENIC, TOTAL	0.78			P	1	0.55	0.21
7440-39-3	BARIUM, TOTAL	10.6			P	1	0.43	0.05
7440-41-7	BERYLLIUM, TOTAL	0.09	I		P	1	0.43	0.02
7440-43-9	CADMIUM, TOTAL	0.34	U		P	1	0.87	0.34
7440-70-2	CALCIUM, TOTAL	376000			P	10	43	18.56
7440-47-3	CHROMIUM, TOTAL	1.9			P	1	1.0	0.06
7440-48-4	COBALT, TOTAL	0.15	I		P	1	2.1	0.04
7440-50-8	COPPER, TOTAL	1.6	I		P	1	2.2	0.17
7439-89-6	IRON, TOTAL	39.4			P	1	8.7	0.44
7439-92-1	LEAD, TOTAL	5.3			P	1	0.34	0.12
7439-95-4	MAGNESIUM, TOTAL	1020			P	1	4.3	2.14
7439-96-5	MANGANESE, TOTAL	0.99			P	1	0.43	0.10
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.026	0.01
7440-02-0	NICKEL, TOTAL	1.2	I		P	1	3.5	0.94
7440-09-7	POTASSIUM, TOTAL	34.6	I		P	1	87	20.65
7782-49-2	SELENIUM, TOTAL	0.26	U		P	1	0.69	0.26
7440-22-4	SILVER, TOTAL	0.25	U		P	1	1.3	0.25
7440-23-5	SODIUM, TOTAL	1270			P	1	87	1.66
7440-28-0	THALLIUM, TOTAL	0.28	U		P	1	1.0	0.28
7440-31-5	TIN, TOTAL	2.1	I		P	1	6.9	0.12
7440-62-2	VANADIUM, TOTAL	1.1	I		P	1	2.2	0.36
7440-66-6	ZINC, TOTAL	11.0			P	1	2.2	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW07-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 84.7 **Lab Sample ID:** WU3200-002

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	41.6			P	1	27	1.62
7440-36-0	ANTIMONY, TOTAL	0.23	U		P	1	0.78	0.23
7440-38-2	ARSENIC, TOTAL	0.33	I		P	1	0.78	0.30
7440-39-3	BARIUM, TOTAL	7.7			P	1	0.45	0.05
7440-41-7	BERYLLIUM, TOTAL	0.11	I		P	1	0.45	0.02
7440-43-9	CADMIUM, TOTAL	0.36	U		P	1	0.91	0.36
7440-70-2	CALCIUM, TOTAL	358000			P	10	45	19.42
7440-47-3	CHROMIUM, TOTAL	2.0			P	1	1.5	0.08
7440-48-4	COBALT, TOTAL	0.06	U		P	1	2.9	0.06
7440-50-8	COPPER, TOTAL	1.1	I		P	1	2.3	0.17
7439-89-6	IRON, TOTAL	32.5			P	1	9.1	0.46
7439-92-1	LEAD, TOTAL	0.78			P	1	0.49	0.17
7439-95-4	MAGNESIUM, TOTAL	898			P	1	4.5	2.24
7439-96-5	MANGANESE, TOTAL	0.74			P	1	0.45	0.11
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.035	0.01
7440-02-0	NICKEL, TOTAL	1.5	I		P	1	3.6	0.98
7440-09-7	POTASSIUM, TOTAL	49.9	I		P	1	91	21.60
7782-49-2	SELENIUM, TOTAL	0.36	U		P	1	0.98	0.36
7440-22-4	SILVER, TOTAL	0.26	U		P	1	1.4	0.26
7440-23-5	SODIUM, TOTAL	1420			P	1	91	1.73
7440-28-0	THALLIUM, TOTAL	0.42	I		P	1	1.5	0.40
7440-31-5	TIN, TOTAL	2.8	I		P	1	9.8	0.17
7440-62-2	VANADIUM, TOTAL	1.4	I		P	1	2.3	0.38
7440-66-6	ZINC, TOTAL	1.1	I		P	1	2.3	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW08-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 80.9 **Lab Sample ID:** WU3200-003

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	1930			P	1	26	1.58
7440-36-0	ANTIMONY, TOTAL	1.2			P	1	0.74	0.22
7440-38-2	ARSENIC, TOTAL	1.6			P	1	0.74	0.28
7440-39-3	BARIUM, TOTAL	26.8			P	1	0.44	0.05
7440-41-7	BERYLLIUM, TOTAL	0.15	I		P	1	0.44	0.02
7440-43-9	CADMIUM, TOTAL	1.0			P	1	0.88	0.35
7440-70-2	CALCIUM, TOTAL	323000			P	10	44	18.89
7440-47-3	CHROMIUM, TOTAL	9.9			P	1	1.4	0.07
7440-48-4	COBALT, TOTAL	0.60	I		P	1	2.8	0.06
7440-50-8	COPPER, TOTAL	18.8			P	1	2.2	0.17
7439-89-6	IRON, TOTAL	2630			P	1	8.8	0.45
7439-92-1	LEAD, TOTAL	182			P	1	0.46	0.16
7439-95-4	MAGNESIUM, TOTAL	1380			P	1	4.4	2.18
7439-96-5	MANGANESE, TOTAL	25.4			P	1	0.44	0.10
7439-97-6	MERCURY, TOTAL	0.01	I		CV	1	0.037	0.01
7440-02-0	NICKEL, TOTAL	3.1	I		P	1	3.5	0.95
7440-09-7	POTASSIUM, TOTAL	143			P	1	88	21.00
7782-49-2	SELENIUM, TOTAL	0.34	U		P	1	0.93	0.34
7440-22-4	SILVER, TOTAL	0.25	U		P	1	1.3	0.25
7440-23-5	SODIUM, TOTAL	924			P	1	88	1.69
7440-28-0	THALLIUM, TOTAL	0.38	U		P	1	1.4	0.38
7440-31-5	TIN, TOTAL	4.0	I		P	1	9.3	0.17
7440-62-2	VANADIUM, TOTAL	2.6			P	1	2.2	0.37
7440-66-6	ZINC, TOTAL	68.0			P	1	2.2	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW08-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 85.0 **Lab Sample ID:** WU3200-004

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	103			P	1	26	1.56
7440-36-0	ANTIMONY, TOTAL	0.20	U		P	1	0.67	0.20
7440-38-2	ARSENIC, TOTAL	0.32	I		P	1	0.67	0.25
7440-39-3	BARIUM, TOTAL	6.2			P	1	0.44	0.05
7440-41-7	BERYLLIUM, TOTAL	0.12	I		P	1	0.44	0.02
7440-43-9	CADMIUM, TOTAL	0.35	U		P	1	0.87	0.35
7440-70-2	CALCIUM, TOTAL	360000			P	10	44	18.64
7440-47-3	CHROMIUM, TOTAL	2.2			P	1	1.2	0.07
7440-48-4	COBALT, TOTAL	0.19	I		P	1	2.5	0.05
7440-50-8	COPPER, TOTAL	1.5	I		P	1	2.2	0.17
7439-89-6	IRON, TOTAL	73.7			P	1	8.7	0.44
7439-92-1	LEAD, TOTAL	0.76			P	1	0.42	0.14
7439-95-4	MAGNESIUM, TOTAL	1010			P	1	4.4	2.15
7439-96-5	MANGANESE, TOTAL	2.3			P	1	0.44	0.10
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.034	0.01
7440-02-0	NICKEL, TOTAL	1.2	I		P	1	3.5	0.94
7440-09-7	POTASSIUM, TOTAL	44.3	I		P	1	87	20.73
7782-49-2	SELENIUM, TOTAL	0.31	U		P	1	0.83	0.31
7440-22-4	SILVER, TOTAL	0.25	U		P	1	1.3	0.25
7440-23-5	SODIUM, TOTAL	1110			P	1	87	1.66
7440-28-0	THALLIUM, TOTAL	0.34	U		P	1	1.2	0.34
7440-31-5	TIN, TOTAL	2.6	I		P	1	8.3	0.15
7440-62-2	VANADIUM, TOTAL	0.76	I		P	1	2.2	0.36
7440-66-6	ZINC, TOTAL	1.5	I		P	1	2.2	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW09-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 87.3 **Lab Sample ID:** WU3200-005

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	51.5			P	1	27	1.64
7440-36-0	ANTIMONY, TOTAL	0.18	I		P	1	0.57	0.17
7440-38-2	ARSENIC, TOTAL	0.24	I		P	1	0.57	0.22
7440-39-3	BARIUM, TOTAL	6.8			P	1	0.46	0.05
7440-41-7	BERYLLIUM, TOTAL	0.1	I		P	1	0.46	0.02
7440-43-9	CADMIUM, TOTAL	0.36	U		P	1	0.92	0.36
7440-70-2	CALCIUM, TOTAL	335000			P	10	46	19.62
7440-47-3	CHROMIUM, TOTAL	1.8			P	1	1.1	0.06
7440-48-4	COBALT, TOTAL	0.07	I		P	1	2.1	0.05
7440-50-8	COPPER, TOTAL	0.93	I		P	1	2.3	0.18
7439-89-6	IRON, TOTAL	28.4			P	1	9.2	0.46
7439-92-1	LEAD, TOTAL	11.2			P	1	0.36	0.12
7439-95-4	MAGNESIUM, TOTAL	858			P	1	4.6	2.26
7439-96-5	MANGANESE, TOTAL	0.87			P	1	0.46	0.11
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.035	0.01
7440-02-0	NICKEL, TOTAL	1.3	I		P	1	3.7	0.99
7440-09-7	POTASSIUM, TOTAL	32.7	I		P	1	92	21.82
7782-49-2	SELENIUM, TOTAL	0.27	U		P	1	0.72	0.27
7440-22-4	SILVER, TOTAL	0.26	U		P	1	1.4	0.26
7440-23-5	SODIUM, TOTAL	1390			P	1	92	1.75
7440-28-0	THALLIUM, TOTAL	0.29	U		P	1	1.1	0.29
7440-31-5	TIN, TOTAL	2.2	I		P	1	7.2	0.13
7440-62-2	VANADIUM, TOTAL	0.98	I		P	1	2.3	0.38
7440-66-6	ZINC, TOTAL	1.0	I		P	1	2.3	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW09-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 84.3 **Lab Sample ID:** WU3200-006

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	39.8			P	1	26	1.54
7440-36-0	ANTIMONY, TOTAL	0.17	U		P	1	0.57	0.17
7440-38-2	ARSENIC, TOTAL	0.30	I		P	1	0.57	0.22
7440-39-3	BARIUM, TOTAL	6.7			P	1	0.43	0.05
7440-41-7	BERYLLIUM, TOTAL	0.11	I		P	1	0.43	0.02
7440-43-9	CADMIUM, TOTAL	0.34	U		P	1	0.86	0.34
7440-70-2	CALCIUM, TOTAL	361000			P	10	43	18.39
7440-47-3	CHROMIUM, TOTAL	1.6			P	1	1.1	0.06
7440-48-4	COBALT, TOTAL	0.05	U		P	1	2.1	0.05
7440-50-8	COPPER, TOTAL	0.88	I		P	1	2.1	0.16
7439-89-6	IRON, TOTAL	16.5			P	1	8.6	0.43
7439-92-1	LEAD, TOTAL	11.9			P	1	0.36	0.12
7439-95-4	MAGNESIUM, TOTAL	860			P	1	4.3	2.12
7439-96-5	MANGANESE, TOTAL	0.55			P	1	0.43	0.10
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.031	0.01
7440-02-0	NICKEL, TOTAL	0.93	U		P	1	3.4	0.93
7440-09-7	POTASSIUM, TOTAL	30.9	I		P	1	86	20.45
7782-49-2	SELENIUM, TOTAL	0.26	U		P	1	0.71	0.26
7440-22-4	SILVER, TOTAL	0.24	U		P	1	1.3	0.24
7440-23-5	SODIUM, TOTAL	1300			P	1	86	1.64
7440-28-0	THALLIUM, TOTAL	0.29	U		P	1	1.1	0.29
7440-31-5	TIN, TOTAL	2.2	I		P	1	7.1	0.13
7440-62-2	VANADIUM, TOTAL	0.89	I		P	1	2.1	0.36
7440-66-6	ZINC, TOTAL	0.71	I		P	1	2.1	0.12

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW10-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 80.6 **Lab Sample ID:** WU3200-007

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	298			P	1	32	1.93
7440-36-0	ANTIMONY, TOTAL	0.19	U		P	1	0.66	0.19
7440-38-2	ARSENIC, TOTAL	0.38	I		P	1	0.66	0.25
7440-39-3	BARIUM, TOTAL	47.3			P	1	0.54	0.06
7440-41-7	BERYLLIUM, TOTAL	0.15	I		P	1	0.54	0.03
7440-43-9	CADMIUM, TOTAL	0.55	I		P	1	1.1	0.43
7440-70-2	CALCIUM, TOTAL	290000			P	10	54	23.07
7440-47-3	CHROMIUM, TOTAL	5.1			P	1	1.2	0.07
7440-48-4	COBALT, TOTAL	0.24	I		P	1	2.5	0.05
7440-50-8	COPPER, TOTAL	7.2			P	1	2.7	0.21
7439-89-6	IRON, TOTAL	1320			P	1	11	0.54
7439-92-1	LEAD, TOTAL	40.9			P	1	0.42	0.14
7439-95-4	MAGNESIUM, TOTAL	998			P	1	5.4	2.66
7439-96-5	MANGANESE, TOTAL	9.7			P	1	0.54	0.13
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.037	0.01
7440-02-0	NICKEL, TOTAL	2.3	I		P	1	4.3	1.16
7440-09-7	POTASSIUM, TOTAL	47.9	I		P	1	110	25.66
7782-49-2	SELENIUM, TOTAL	0.31	U		P	1	0.83	0.31
7440-22-4	SILVER, TOTAL	0.31	U		P	1	1.6	0.31
7440-23-5	SODIUM, TOTAL	1200			P	1	110	2.06
7440-28-0	THALLIUM, TOTAL	0.34	U		P	1	1.2	0.34
7440-31-5	TIN, TOTAL	2.8	I		P	1	8.3	0.15
7440-62-2	VANADIUM, TOTAL	1.7	I		P	1	2.7	0.45
7440-66-6	ZINC, TOTAL	21.2			P	1	2.7	0.16

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW10-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 79.8 **Lab Sample ID:** WU3200-008

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	47.0			P	1	31	1.84
7440-36-0	ANTIMONY, TOTAL	0.16	U		P	1	0.56	0.16
7440-38-2	ARSENIC, TOTAL	0.26	I		P	1	0.56	0.21
7440-39-3	BARIUM, TOTAL	9.4			P	1	0.51	0.05
7440-41-7	BERYLLIUM, TOTAL	0.11	I		P	1	0.51	0.03
7440-43-9	CADMIUM, TOTAL	0.41	U		P	1	1.0	0.41
7440-70-2	CALCIUM, TOTAL	370000			P	10	51	21.98
7440-47-3	CHROMIUM, TOTAL	2.0			P	1	1.0	0.06
7440-48-4	COBALT, TOTAL	0.16	I		P	1	2.1	0.04
7440-50-8	COPPER, TOTAL	1.5	I		P	1	2.6	0.20
7439-89-6	IRON, TOTAL	97.2			P	1	10	0.52
7439-92-1	LEAD, TOTAL	1.2			P	1	0.35	0.12
7439-95-4	MAGNESIUM, TOTAL	950			P	1	5.1	2.54
7439-96-5	MANGANESE, TOTAL	2.2			P	1	0.51	0.12
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.037	0.01
7440-02-0	NICKEL, TOTAL	1.1	I		P	1	4.1	1.11
7440-09-7	POTASSIUM, TOTAL	46.0	I		P	1	100	24.45
7782-49-2	SELENIUM, TOTAL	0.26	U		P	1	0.70	0.26
7440-22-4	SILVER, TOTAL	0.29	U		P	1	1.5	0.29
7440-23-5	SODIUM, TOTAL	1320			P	1	100	1.96
7440-28-0	THALLIUM, TOTAL	0.28	U		P	1	1.0	0.28
7440-31-5	TIN, TOTAL	2.1	I		P	1	7.0	0.12
7440-62-2	VANADIUM, TOTAL	1.7	I		P	1	2.6	0.43
7440-66-6	ZINC, TOTAL	1.8	I		P	1	2.6	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW11-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 82.2 **Lab Sample ID:** WU3200-009

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	43.8			P	1	27	1.61
7440-36-0	ANTIMONY, TOTAL	0.19	U		P	1	0.66	0.19
7440-38-2	ARSENIC, TOTAL	0.25	U		P	1	0.66	0.25
7440-39-3	BARIUM, TOTAL	8.0			P	1	0.45	0.05
7440-41-7	BERYLLIUM, TOTAL	0.10	I		P	1	0.45	0.02
7440-43-9	CADMIUM, TOTAL	0.36	U		P	1	0.90	0.36
7440-70-2	CALCIUM, TOTAL	365000			P	10	45	19.27
7440-47-3	CHROMIUM, TOTAL	1.6			P	1	1.2	0.07
7440-48-4	COBALT, TOTAL	0.07	I		P	1	2.5	0.05
7440-50-8	COPPER, TOTAL	0.88	I		P	1	2.2	0.17
7439-89-6	IRON, TOTAL	22.4			P	1	9.0	0.45
7439-92-1	LEAD, TOTAL	0.45			P	1	0.41	0.14
7439-95-4	MAGNESIUM, TOTAL	927			P	1	4.5	2.22
7439-96-5	MANGANESE, TOTAL	0.78			P	1	0.45	0.11
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.032	0.01
7440-02-0	NICKEL, TOTAL	1.7	I		P	1	3.6	0.97
7440-09-7	POTASSIUM, TOTAL	43.4	I		P	1	90	21.44
7782-49-2	SELENIUM, TOTAL	0.31	U		P	1	0.83	0.31
7440-22-4	SILVER, TOTAL	0.26	U		P	1	1.4	0.26
7440-23-5	SODIUM, TOTAL	1360			P	1	90	1.72
7440-28-0	THALLIUM, TOTAL	0.34	U		P	1	1.2	0.34
7440-31-5	TIN, TOTAL	2.7	I		P	1	8.3	0.15
7440-62-2	VANADIUM, TOTAL	0.64	I		P	1	2.2	0.37
7440-66-6	ZINC, TOTAL	0.70	I		P	1	2.2	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW11-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 83.2 **Lab Sample ID:** WU3200-010

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	34.7			P	1	32	1.92
7440-36-0	ANTIMONY, TOTAL	0.25	U		P	1	0.86	0.25
7440-38-2	ARSENIC, TOTAL	0.33	U		P	1	0.86	0.33
7440-39-3	BARIUM, TOTAL	7.6			P	1	0.54	0.06
7440-41-7	BERYLLIUM, TOTAL	0.12	I		P	1	0.54	0.03
7440-43-9	CADMIUM, TOTAL	0.43	U		P	1	1.1	0.43
7440-70-2	CALCIUM, TOTAL	364000			P	10	54	22.96
7440-47-3	CHROMIUM, TOTAL	1.7			P	1	1.6	0.09
7440-48-4	COBALT, TOTAL	0.07	U		P	1	3.2	0.07
7440-50-8	COPPER, TOTAL	1.0	I		P	1	2.7	0.20
7439-89-6	IRON, TOTAL	18.6			P	1	11	0.54
7439-92-1	LEAD, TOTAL	0.44	I		P	1	0.54	0.18
7439-95-4	MAGNESIUM, TOTAL	678			P	1	5.4	2.65
7439-96-5	MANGANESE, TOTAL	0.51	I		P	1	0.54	0.13
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.037	0.01
7440-02-0	NICKEL, TOTAL	1.6	I		P	1	4.3	1.16
7440-09-7	POTASSIUM, TOTAL	25.53	U		P	1	110	25.53
7782-49-2	SELENIUM, TOTAL	0.40	U		P	1	1.1	0.40
7440-22-4	SILVER, TOTAL	0.30	U		P	1	1.6	0.30
7440-23-5	SODIUM, TOTAL	1350			P	1	110	2.05
7440-28-0	THALLIUM, TOTAL	1.2	I		P	1	1.6	0.44
7440-31-5	TIN, TOTAL	3.4	I		P	1	11	0.19
7440-62-2	VANADIUM, TOTAL	0.94	I		P	1	2.7	0.44
7440-66-6	ZINC, TOTAL	0.70	I		P	1	2.7	0.15

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW12-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 85.8 **Lab Sample ID:** WU3200-011

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	504			P	1	30	1.78
7440-36-0	ANTIMONY, TOTAL	0.32	I		P	1	0.77	0.23
7440-38-2	ARSENIC, TOTAL	0.75	I		P	1	0.77	0.29
7440-39-3	BARIUM, TOTAL	9.9			P	1	0.50	0.05
7440-41-7	BERYLLIUM, TOTAL	0.14	I		P	1	0.50	0.03
7440-43-9	CADMIUM, TOTAL	0.46	I		P	1	1.0	0.40
7440-70-2	CALCIUM, TOTAL	302000			P	10	50	21.31
7440-47-3	CHROMIUM, TOTAL	2.6			P	1	1.4	0.08
7440-48-4	COBALT, TOTAL	0.21	I		P	1	2.9	0.06
7440-50-8	COPPER, TOTAL	6.1			P	1	2.5	0.19
7439-89-6	IRON, TOTAL	417			P	1	10	0.50
7439-92-1	LEAD, TOTAL	4.5			P	1	0.48	0.16
7439-95-4	MAGNESIUM, TOTAL	1360			P	1	5.0	2.46
7439-96-5	MANGANESE, TOTAL	9.8			P	1	0.50	0.12
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.032	0.01
7440-02-0	NICKEL, TOTAL	1.3	I		P	1	4.0	1.08
7440-09-7	POTASSIUM, TOTAL	39.0	I		P	1	100	23.70
7782-49-2	SELENIUM, TOTAL	0.36	U		P	1	0.96	0.36
7440-22-4	SILVER, TOTAL	0.28	U		P	1	1.5	0.28
7440-23-5	SODIUM, TOTAL	990			P	1	100	1.90
7440-28-0	THALLIUM, TOTAL	0.39	U		P	1	1.4	0.39
7440-31-5	TIN, TOTAL	2.9	I		P	1	9.6	0.17
7440-62-2	VANADIUM, TOTAL	1.2	I		P	1	2.5	0.41
7440-66-6	ZINC, TOTAL	12.8			P	1	2.5	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-MW12-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 84.2 **Lab Sample ID:** WU3200-012

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	69.3			P	1	28	1.67
7440-36-0	ANTIMONY, TOTAL	0.23	U		P	1	0.77	0.23
7440-38-2	ARSENIC, TOTAL	0.29	U		P	1	0.77	0.29
7440-39-3	BARIUM, TOTAL	7.0			P	1	0.47	0.05
7440-41-7	BERYLLIUM, TOTAL	0.11	I		P	1	0.47	0.03
7440-43-9	CADMIUM, TOTAL	0.37	U		P	1	0.94	0.37
7440-70-2	CALCIUM, TOTAL	316000			P	10	47	20.01
7440-47-3	CHROMIUM, TOTAL	1.9			P	1	1.4	0.08
7440-48-4	COBALT, TOTAL	0.1	I		P	1	2.9	0.06
7440-50-8	COPPER, TOTAL	1.1	I		P	1	2.3	0.18
7439-89-6	IRON, TOTAL	43.8			P	1	9.4	0.47
7439-92-1	LEAD, TOTAL	0.16	U		P	1	0.48	0.16
7439-95-4	MAGNESIUM, TOTAL	814			P	1	4.7	2.31
7439-96-5	MANGANESE, TOTAL	1.3			P	1	0.47	0.11
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.029	0.01
7440-02-0	NICKEL, TOTAL	1.8	I		P	1	3.7	1.01
7440-09-7	POTASSIUM, TOTAL	54.6	I		P	1	94	22.26
7782-49-2	SELENIUM, TOTAL	0.36	U		P	1	0.96	0.36
7440-22-4	SILVER, TOTAL	0.27	U		P	1	1.4	0.27
7440-23-5	SODIUM, TOTAL	1360			P	1	94	1.79
7440-28-0	THALLIUM, TOTAL	0.39	U		P	1	1.4	0.39
7440-31-5	TIN, TOTAL	2.9	I		P	1	9.6	0.17
7440-62-2	VANADIUM, TOTAL	0.68	I		P	1	2.3	0.39
7440-66-6	ZINC, TOTAL	1.1	I		P	1	2.3	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-SS01-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 88.3 **Lab Sample ID:** WU3200-014

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	253			P	1	30	1.78
7440-36-0	ANTIMONY, TOTAL	0.22	U		P	1	0.75	0.22
7440-38-2	ARSENIC, TOTAL	0.85			P	1	0.75	0.29
7440-39-3	BARIUM, TOTAL	8.5			P	1	0.50	0.05
7440-41-7	BERYLLIUM, TOTAL	0.12	I		P	1	0.50	0.03
7440-43-9	CADMIUM, TOTAL	0.39	U		P	1	0.99	0.39
7440-70-2	CALCIUM, TOTAL	333000			P	10	50	21.25
7440-47-3	CHROMIUM, TOTAL	3.1			P	1	1.4	0.08
7440-48-4	COBALT, TOTAL	0.19	I		P	1	2.8	0.06
7440-50-8	COPPER, TOTAL	3.9			P	1	2.5	0.19
7439-89-6	IRON, TOTAL	274			P	1	9.9	0.50
7439-92-1	LEAD, TOTAL	8.0			P	1	0.47	0.16
7439-95-4	MAGNESIUM, TOTAL	1100			P	1	5.0	2.45
7439-96-5	MANGANESE, TOTAL	60.9			P	1	0.50	0.12
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.035	0.01
7440-02-0	NICKEL, TOTAL	2.0	I		P	1	4.0	1.07
7440-09-7	POTASSIUM, TOTAL	104			P	1	99	23.63
7782-49-2	SELENIUM, TOTAL	0.35	U		P	1	0.94	0.35
7440-22-4	SILVER, TOTAL	0.28	U		P	1	1.5	0.28
7440-23-5	SODIUM, TOTAL	978			P	1	99	1.90
7440-28-0	THALLIUM, TOTAL	0.39	U		P	1	1.4	0.39
7440-31-5	TIN, TOTAL	2.8	I		P	1	9.4	0.17
7440-62-2	VANADIUM, TOTAL	1.6	I		P	1	2.5	0.41
7440-66-6	ZINC, TOTAL	11.1			P	1	2.5	0.14

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-SS01-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 85.9 **Lab Sample ID:** WU3200-015

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	190			P	1	21	1.26
7440-36-0	ANTIMONY, TOTAL	0.22	U		P	1	0.74	0.22
7440-38-2	ARSENIC, TOTAL	0.62	I		P	1	0.74	0.28
7440-39-3	BARIUM, TOTAL	7.6			P	1	0.35	0.04
7440-41-7	BERYLLIUM, TOTAL	0.10	I		P	1	0.35	0.02
7440-43-9	CADMIUM, TOTAL	0.28	U		P	1	0.70	0.28
7440-70-2	CALCIUM, TOTAL	339000			P	10	35	15.10
7440-47-3	CHROMIUM, TOTAL	2.5			P	1	1.4	0.07
7440-48-4	COBALT, TOTAL	0.13	I		P	1	2.8	0.06
7440-50-8	COPPER, TOTAL	2.3			P	1	1.8	0.13
7439-89-6	IRON, TOTAL	158			P	1	7.0	0.36
7439-92-1	LEAD, TOTAL	8.1			P	1	0.46	0.16
7439-95-4	MAGNESIUM, TOTAL	1070			P	1	3.5	1.74
7439-96-5	MANGANESE, TOTAL	44.5			P	1	0.35	0.08
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.034	0.01
7440-02-0	NICKEL, TOTAL	1.2	I		P	1	2.8	0.76
7440-09-7	POTASSIUM, TOTAL	48.0	I		P	1	70	16.79
7782-49-2	SELENIUM, TOTAL	0.35	U		P	1	0.93	0.35
7440-22-4	SILVER, TOTAL	0.20	U		P	1	1.0	0.20
7440-23-5	SODIUM, TOTAL	1080			P	1	70	1.35
7440-28-0	THALLIUM, TOTAL	0.38	U		P	1	1.4	0.38
7440-31-5	TIN, TOTAL	2.9	I		P	1	9.3	0.17
7440-62-2	VANADIUM, TOTAL	0.88	I		P	1	1.8	0.29
7440-66-6	ZINC, TOTAL	7.5			P	1	1.8	0.10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-SS02-02-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 88.6 **Lab Sample ID:** WU3200-016

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	263			P	1	27	1.63
7440-36-0	ANTIMONY, TOTAL	0.21	U		P	1	0.72	0.21
7440-38-2	ARSENIC, TOTAL	1.9			P	1	0.72	0.27
7440-39-3	BARIUM, TOTAL	12.1			P	1	0.46	0.05
7440-41-7	BERYLLIUM, TOTAL	0.13	I		P	1	0.46	0.02
7440-43-9	CADMIUM, TOTAL	0.36	U		P	1	0.91	0.36
7440-70-2	CALCIUM, TOTAL	327000			P	10	46	19.48
7440-47-3	CHROMIUM, TOTAL	3.0			P	1	1.4	0.07
7440-48-4	COBALT, TOTAL	0.21	I		P	1	2.7	0.06
7440-50-8	COPPER, TOTAL	5.8			P	1	2.3	0.17
7439-89-6	IRON, TOTAL	366			P	1	9.1	0.46
7439-92-1	LEAD, TOTAL	23.9			P	1	0.45	0.15
7439-95-4	MAGNESIUM, TOTAL	1360			P	1	4.6	2.25
7439-96-5	MANGANESE, TOTAL	62.6			P	1	0.46	0.11
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.033	0.01
7440-02-0	NICKEL, TOTAL	1.7	I		P	1	3.6	0.98
7440-09-7	POTASSIUM, TOTAL	112			P	1	91	21.66
7782-49-2	SELENIUM, TOTAL	0.33	U		P	1	0.90	0.33
7440-22-4	SILVER, TOTAL	0.26	U		P	1	1.4	0.26
7440-23-5	SODIUM, TOTAL	955			P	1	91	1.74
7440-28-0	THALLIUM, TOTAL	0.37	U		P	1	1.4	0.37
7440-31-5	TIN, TOTAL	3.1	I		P	1	9.0	0.16
7440-62-2	VANADIUM, TOTAL	1.3	I		P	1	2.3	0.38
7440-66-6	ZINC, TOTAL	12.7			P	1	2.3	0.13

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCSB-SS02-04-0904

Matrix: SOIL **SDG Name:** WU3200

Percent Solids: 84.3 **Lab Sample ID:** WU3200-017

Concentration Units : mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	161			P	1	22	1.34
7440-36-0	ANTIMONY, TOTAL	0.15	U		P	1	0.52	0.15
7440-38-2	ARSENIC, TOTAL	0.36	I		P	1	0.52	0.20
7440-39-3	BARIUM, TOTAL	7.7			P	1	0.38	0.04
7440-41-7	BERYLLIUM, TOTAL	0.12	I		P	1	0.38	0.02
7440-43-9	CADMIUM, TOTAL	0.30	U		P	1	0.75	0.30
7440-70-2	CALCIUM, TOTAL	340000			P	10	38	16.07
7440-47-3	CHROMIUM, TOTAL	2.1			P	1	0.97	0.05
7440-48-4	COBALT, TOTAL	0.07	I		P	1	1.9	0.04
7440-50-8	COPPER, TOTAL	2.1			P	1	1.9	0.14
7439-89-6	IRON, TOTAL	210			P	1	7.5	0.38
7439-92-1	LEAD, TOTAL	5.7			P	1	0.32	0.11
7439-95-4	MAGNESIUM, TOTAL	1030			P	1	3.8	1.85
7439-96-5	MANGANESE, TOTAL	37.4			P	1	0.38	0.09
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.038	0.01
7440-02-0	NICKEL, TOTAL	1.8	I		P	1	3.0	0.81
7440-09-7	POTASSIUM, TOTAL	76.4			P	1	75	17.87
7782-49-2	SELENIUM, TOTAL	0.24	U		P	1	0.64	0.24
7440-22-4	SILVER, TOTAL	0.21	U		P	1	1.1	0.21
7440-23-5	SODIUM, TOTAL	1180			P	1	75	1.43
7440-28-0	THALLIUM, TOTAL	0.26	U		P	1	0.97	0.26
7440-31-5	TIN, TOTAL	2.0	I		P	1	6.4	0.12
7440-62-2	VANADIUM, TOTAL	0.69	I		P	1	1.9	0.31
7440-66-6	ZINC, TOTAL	5.9			P	1	1.9	0.11

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3838 WM3200 PAGE 1 OF 1

7,8

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	FLYING CLUB	CHUCK BRYAN	(305) 360-1548	ANDREA COLBY - KATAHDIN
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 8425 8908 9034		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G): G G G G
PRESERVATIVE USED: - - -

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOC-8260B	SVOC 8270C	PESTICIDES/PCB's	TAL METALS + Sn				COMMENTS
9/22	9:45	KWFCSB-MW07-02-0904	MW07	0	2	SO	G	6	X	X	X	X				
	10:00	KWFCSB-MW07-04-0904	MW07	2	4				X	X	X	X				
	11:15	KWFCSB-MW08-02-0904	MW08	0	2				X	X	X	X				
	11:40	KWFCSB-MW08-04-0904	MW08	2	4				X	X	X	X				
	13:10	KWFCSB-MW09-02-0904	MW09	0	2				X	X	X	X				
	13:30	KWFCSB-MW09-04-0904	MW09	2	4				X	X	X	X				
	14:50	KWFCSB-MW10-02-0904	MW10	0	2				X	X	X	X				
	15:00	KWFCSB-MW10-04-0904	MW10	2	4				X	X	X	X				
	15:40	KWFCSB-MW11-02-0904	MW11	0	2				X	X	X	X				
	15:50	KWFCSB-MW11-04-0904	MW11	2	4				X	X	X	X				
	16:15	KWFCSB-MW12-02-0904	MW12	0	2				X	X	X	X				
	16:30	KWFCSB-MW12-04-0904	MW12	2	4				X	X	X	X				
		KWFESB-DUP-00-0904							X	X	X	X				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY: Gary Braganza	9/23/04		1. RECEIVED BY: [signature]	9/24/04	0855
2. RELINQUISHED BY			2. RECEIVED BY		
3. RELINQUISHED BY			3. RECEIVED BY		

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

010008

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3837 cu3240 PAGE 2 OF 2

7

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	FLYING KLUB	CHUCK BRYAN	(305) 360-1548	KATAHDIN - ANDREA COLBY

SAMPLERS (SIGNATURE): Gary Braganza

FIELD OPERATIONS LEADER: GARY BRAGANZA PHONE NUMBER: (561) 302-4137

ADDRESS: 340 COUNTY RD NO 5

CARRIER/WAYBILL NUMBER: FED EX / 842589089034

CITY, STATE: WESTBROOK, ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOC's	SVOC's	PESTICIDES / PCB's	TAL METALS + SN	VOC's - TCLP	SVOC's - TCLP	PESTICIDES / PCB - TCLP	TAL METAL + SN - TCLP	COMMENTS
9/23		KWFCSB-SS01-02-0904	SS01	0	2	SO	G	6	X	X	X	X					
↓		KWFCSB-SS01-04-0904	SS01	2	4	↓	↓	↓	X	X	X	X					
		KWFCSB-SS02-02-0904	SS02	0	2				X	X	X	X					
		KWFCSB-SS02-04-0904	SS02	2	4				X	X	X	X					
		KWFCSB-DRUM-00-0904		-	-		C						X	X	X	X	

1. RELINQUISHED BY: Gary Braganza	DATE 9/23/04	TIME	1. RECEIVED BY: Daniel Fer	DATE 9/24/04	TIME 0855
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

1100000

HOLDTIME

SDG WU3200

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/04/2004	8	3	11
HG	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
HG	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/04/2004	9	3	12
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW11-04-0904	WU3200-010	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW10-02-0904	WU3200-007	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW09-04-0904	WU3200-006	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW10-04-0904	WU3200-008R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-SS01-02-0904	WU3200-014R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-MW12-02-0904	WU3200-011R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-SS02-02-0904	WU3200-016R	NM	09/23/2004	10/08/2004	10/17/2004	15	9	24
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/07/2004	8	6	14
M	MG/KG	KWFCSB-SS02-04-0904	WU3200-017	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-MW12-04-0904	WU3200-012	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-SS01-04-0904	WU3200-015	NM	09/23/2004	10/01/2004	10/14/2004	8	13	21
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-DUP-00-0904	WU3200-013R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW11-02-0904	WU3200-009	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW07-02-0904	WU3200-001	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW07-04-0904	WU3200-002R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW08-04-0904	WU3200-004	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003R	NM	09/22/2004	10/08/2004	10/17/2004	16	9	25
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/14/2004	9	13	22
M	MG/KG	KWFCSB-MW08-02-0904	WU3200-003	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
M	MG/KG	KWFCSB-MW09-02-0904	WU3200-005	NM	09/22/2004	10/01/2004	10/07/2004	9	6	15
TS	%	KWFCSB-MW10-04-0904	WU3200-8	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
TS	%	KWFCSB-MW07-02-0904	WU3200-1	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS01-04-0904	WU3200-15	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-SS01-02-0904	WU3200-14	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW12-04-0904	WU3200-12	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW12-02-0904	WU3200-11	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW11-02-0904	WU3200-9	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS02-02-0904	WU3200-16	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW08-02-0904	WU3200-3	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-SS02-04-0904	WU3200-17	NM	09/23/2004	09/27/2004	09/28/2004	4	1	5
TS	%	KWFCSB-MW10-02-0904	WU3200-7	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW07-04-0904	WU3200-2	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW08-04-0904	WU3200-4	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW09-02-0904	WU3200-5	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
TS	%	KWFCSB-MW09-04-0904	WU3200-6	NM	09/22/2004	09/27/2004	09/28/2004	5	1	6
OS	%	KWFCSB-DUP-00-0904	WU3200-13	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33
OS	%	KWFCSB-MW11-04-0904	WU3200-10	NM	09/22/2004	09/30/2004	10/25/2004	8	25	33

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 351 NAS KEY WEST
TASK ORDER MANAGER: CHARLES BRYAN
WU3200

Sample Receipt

The following samples were received on September 24, 2004 and were logged in under Katahdin Analytical Services work order number WU3200 for a hardcopy due date of October 20, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU3200-1	KWFCSB-MW07-02-0904
WU3200-2	KWFCSB-MW07-04-0904
WU3200-3	KWFCSB-MW08-02-0904
WU3200-4	KWFCSB-MW08-04-0904
WU3200-5	KWFCSB-MW09-02-0904
WU3200-6	KWFCSB-MW09-04-0904
WU3200-7	KWFCSB-MW10-02-0904
WU3200-8	KWFCSB-MW10-04-0904
WU3200-9	KWFCSB-MW11-02-0904
WU3200-10	KWFCSB-MW11-04-0904
WU3200-11	KWFCSB-MW12-02-0904
WU3200-12	KWFCSB-MW12-04-0904
WU3200-13	KWFCSB-DUP-00-0904
WU3200-14	KWFCSB-SS01-02-0904
WU3200-15	KWFCSB-SS01-04-0904
WU3200-16	KWFCSB-SS02-02-0904
WU3200-17	KWFCSB-SS02-04-0904

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Since these target analytes were not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The initial calibration analyzed on 10/26/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. There were also twenty target analytes and one surrogate that failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model. Since these target analytes were not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The target analyte Hexachlorophene cannot be calibrated by method 8270C because it is unstable in the calibration standard. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples for this analyte is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of Hexachlorophene. This analyte was not detected in the samples.

The target analyte kepone could not be calibrated by method 8270C because of the low responses in the calibration standards. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of kepone. This analyte was not detected in any of these samples.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory phthalate ester contaminants) in the LCS are outside of the QC limits.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Metals Analysis

The samples of Katahdin Work Order WU3200 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Solid-matrix Katahdin Sample Nos. WU3200-(1-17) were originally digested for ICP analysis on 10/01/04 (QC Batch UJ01ICS0) in accordance with USEPA Method 3050B. The measured calcium (0.08075 mg/L, corresponding to a dry-weight concentration of 8.075 mg/kg) and lead (0.016 mg/L, corresponding to a dry-weight concentration of 1.6 mg/kg) concentrations of the preparation blank in this batch are greater than the laboratory's acceptance limits. The measured calcium concentrations of all associated samples are more than ten times that of the preparation blank; therefore, no corrective action has been taken for calcium. However, all of the samples in Katahdin Work Order WU3200 were redigested for lead analysis on 10/08/04 (QC Batch UJ08ICS0). Katahdin Sample No. WU3200-1 was prepared with duplicate matrix-spiked aliquots. Redigestates are identified throughout the raw data by the suffixes "R" or "X" appended to the Katahdin sample number, e.g. "WU3200-001R". These redigestates

were successfully analyzed for lead. For convenience, results for other analytes were also taken from these redigestates.

ICP analyses of Work Order WU3200 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for analytical run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Solid-matrix Katahdin Sample Nos. WU3200-(1-17) were digested for mercury analysis on 10/01/04 (QC Batch UJ01HGS0) in accordance with USEPA Method 7471A. Katahdin Sample No. WU3200-17 was prepared with duplicate matrix-spiked aliquots.

Mercury analyses of Katahdin Work Order WU3200 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The recoveries for all analytes in the matrix-spike aliquots of Katahdin Sample Nos. WU3200-(1 and 17) are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analyses of Katahdin Sample Nos. WU3200-(1 and 17) are within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all analytes.

The serial dilution analysis of Katahdin Sample No. WU3200-1 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all analytes.

Wet Chemistry Analysis

The samples of Work Order WU3200 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW ILM04.0.

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limit (MDL). These levels are indicated in the result field of the analytical report. For hits that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL), a "J" flag has been used.

All analyses were performed within analytical hold time. All quality control criteria were met.

No deviations were noted by the Wet Chemistry group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Maria Crouch
10.28.04
Maria Crouch
Quality Assurance Officer

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WU3200 **SOW No.** SW846

Client Field ID	Lab Sample ID
KWFCSB-DUP-00-0904	WU3200-013
KWFCSB-MW07-02-0904	WU3200-001
KWFCSB-MW07-02-0904	WU3200-001P
KWFCSB-MW07-02-0904	WU3200-001S
KWFCSB-MW07-04-0904	WU3200-002
KWFCSB-MW08-02-0904	WU3200-003
KWFCSB-MW08-04-0904	WU3200-004
KWFCSB-MW09-02-0904	WU3200-005
KWFCSB-MW09-04-0904	WU3200-006
KWFCSB-MW10-02-0904	WU3200-007
KWFCSB-MW10-04-0904	WU3200-008
KWFCSB-MW11-02-0904	WU3200-009
KWFCSB-MW11-04-0904	WU3200-010
KWFCSB-MW12-02-0904	WU3200-011
KWFCSB-MW12-04-0904	WU3200-012
KWFCSB-SS01-02-0904	WU3200-014
KWFCSB-SS01-04-0904	WU3200-015
KWFCSB-SS02-02-0904	WU3200-016
KWFCSB-SS02-04-0904	WU3200-017
KWFCSB-SS02-04-0904	WU3200-017P
KWFCSB-SS02-04-0904	WU3200-017S

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: October 26, 2004 Title: Senior Chemist

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICV

File: AUJ17A Oct 17, 2004 11:37

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	18463.59	92.3
ANTIMONY	600.0	584.16	97.4
ARSENIC	600.0	598.18	99.7
CALCIUM	20000.0	20810.55	104.1
CHROMIUM	500.0	499.38	99.9
COBALT	500.0	499.89	100.0
IRON	20000.0	20073.15	100.4
LEAD	550.0	554.90	100.9
MAGNESIUM	20000.0	21247.96	106.2
SELENIUM	550.0	540.17	98.2
THALLIUM	600.0	592.40	98.7
TIN	500.0	512.39	102.5

SAMPLE: CCV

File: AUJ17A Oct 17, 2004 12:18

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47953.96	95.9
ANTIMONY	1000.0	950.84	95.1
ARSENIC	1000.0	960.76	96.1
CALCIUM	50000.0	50465.29	100.9
CHROMIUM	1000.0	1002.45	100.2
COBALT	1000.0	992.87	99.3
IRON	20000.0	19887.37	99.4
LEAD	1000.0	967.78	96.8
MAGNESIUM	50000.0	50860.54	101.7
SELENIUM	1000.0	963.79	96.4
THALLIUM	1000.0	970.39	97.0
TIN	1000.0	1004.76	100.5

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: AUJ17A Oct 17, 2004 13:38

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47888.63	95.8
ANTIMONY	1000.0	939.34	93.9
ARSENIC	1000.0	945.94	94.6
CALCIUM	50000.0	49352.44	98.7
CHROMIUM	1000.0	985.97	98.6
COBALT	1000.0	976.05	97.6
IRON	20000.0	19589.73	97.9
LEAD	1000.0	947.28	94.7
MAGNESIUM	50000.0	49966.23	99.9
SELENIUM	1000.0	944.56	94.5
THALLIUM	1000.0	950.27	95.0
TIN	1000.0	993.30	99.3

SAMPLE: CCV

File: AUJ17A Oct 17, 2004 14:59

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47966.23	95.9
ANTIMONY	1000.0	962.21	96.2
ARSENIC	1000.0	983.97	98.4
CALCIUM	50000.0	51937.14	103.9
CHROMIUM	1000.0	1017.50	101.8
COBALT	1000.0	1016.91	101.7
IRON	20000.0	20250.35	101.3
LEAD	1000.0	1011.19	101.1
MAGNESIUM	50000.0	52509.61	105.0
SELENIUM	1000.0	974.41	97.4
THALLIUM	1000.0	981.89	98.2
TIN	1000.0	1052.82	105.3

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: AUJ17A Oct 17, 2004 16:19

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	47831.96	95.7
ANTIMONY	1000.0	983.49	98.3
ARSENIC	1000.0	1000.74	100.1
CALCIUM	50000.0	52059.35	104.1
CHROMIUM	1000.0	1023.82	102.4
COBALT	1000.0	1027.78	102.8
IRON	20000.0	20436.62	102.2
LEAD	1000.0	1033.11	103.3
MAGNESIUM	50000.0	52779.42	105.6
SELENIUM	1000.0	981.88	98.2
THALLIUM	1000.0	1003.43	100.3
TIN	1000.0	1072.17	107.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICV

File: BUJ07A Oct 07, 2004 12:34

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19570.00	97.9
BARIUM	500.0	485.14	97.0
BERYLLIUM	500.0	497.64	99.5
CADMIUM	1250.0	1223.13	97.9
CALCIUM	20000.0	21355.28	106.8
COPPER	500.0	477.49	95.5
IRON	20000.0	20921.59	104.6
MAGNESIUM	20000.0	19786.38	98.9
MANGANESE	500.0	510.07	102.0
NICKEL	1000.0	1048.76	104.9
POTASSIUM	20000.0	18458.60	92.3
SILVER	200.0	204.85	102.4
SODIUM	20000.0	18757.06	93.8
VANADIUM	500.0	506.42	101.3
ZINC	1000.0	1003.54	100.4

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 13:08

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48506.65	97.0
BARIUM	1000.0	964.56	96.5
BERYLLIUM	1000.0	1011.91	101.2
CADMIUM	1000.0	982.63	98.3
CALCIUM	50000.0	52797.98	105.6
COPPER	1000.0	948.24	94.8
IRON	20000.0	20780.89	103.9
MAGNESIUM	50000.0	49737.89	99.5
MANGANESE	1000.0	1000.06	100.0
NICKEL	1000.0	1041.19	104.1
POTASSIUM	50000.0	47870.96	95.7
SILVER	250.0	252.50	101.0
SODIUM	50000.0	46792.63	93.6
VANADIUM	1000.0	994.80	99.5
ZINC	1000.0	999.83	100.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 14:17

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48912.33	97.8
BARIUM	1000.0	973.82	97.4
BERYLLIUM	1000.0	1020.84	102.1
CADMIUM	1000.0	988.20	98.8
CALCIUM	50000.0	53716.27	107.4
COPPER	1000.0	952.56	95.3
IRON	20000.0	20933.03	104.7
MAGNESIUM	50000.0	50293.21	100.6
MANGANESE	1000.0	1012.13	101.2
NICKEL	1000.0	1055.12	105.5
POTASSIUM	50000.0	48530.95	97.1
SILVER	250.0	253.60	101.4
SODIUM	50000.0	47614.88	95.2
VANADIUM	1000.0	1004.26	100.4
ZINC	1000.0	1010.43	101.0

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 15:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49094.26	98.2
BARIUM	1000.0	978.71	97.9
BERYLLIUM	1000.0	1017.02	101.7
CADMIUM	1000.0	994.26	99.4
CALCIUM	50000.0	53573.56	107.1
COPPER	1000.0	954.36	95.4
IRON	20000.0	20853.67	104.3
MAGNESIUM	50000.0	50582.48	101.2
MANGANESE	1000.0	1014.01	101.4
NICKEL	1000.0	1042.73	104.3
POTASSIUM	50000.0	49367.91	98.7
SILVER	250.0	256.90	102.8
SODIUM	50000.0	48345.23	96.7
VANADIUM	1000.0	1003.62	100.4
ZINC	1000.0	1011.52	101.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 16:34

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49519.97	99.0
BARIUM	1000.0	987.29	98.7
BERYLLIUM	1000.0	1003.31	100.3
CADMIUM	1000.0	1000.11	100.0
CALCIUM	50000.0	53362.96	106.7
COPPER	1000.0	965.23	96.5
IRON	20000.0	20757.73	103.8
MAGNESIUM	50000.0	50673.42	101.3
MANGANESE	1000.0	1008.37	100.8
NICKEL	1000.0	1031.44	103.1
POTASSIUM	50000.0	49211.70	98.4
SILVER	250.0	257.42	103.0
SODIUM	50000.0	49478.33	99.0
VANADIUM	1000.0	1001.50	100.2
ZINC	1000.0	1020.15	102.0

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 17:41

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	48819.72	97.6
BARIUM	1000.0	986.59	98.7
BERYLLIUM	1000.0	994.65	99.5
CADMIUM	1000.0	973.38	97.3
CALCIUM	50000.0	51996.49	104.0
COPPER	1000.0	962.30	96.2
IRON	20000.0	20320.19	101.6
MAGNESIUM	50000.0	49788.33	99.6
MANGANESE	1000.0	1003.25	100.3
NICKEL	1000.0	1007.26	100.7
POTASSIUM	50000.0	48939.04	97.9
SILVER	250.0	254.69	101.9
SODIUM	50000.0	49848.55	99.7
VANADIUM	1000.0	987.13	98.7
ZINC	1000.0	1005.65	100.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 18:49

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51357.04	102.7
BARIUM	1000.0	1012.71	101.3
BERYLLIUM	1000.0	995.99	99.6
CADMIUM	1000.0	977.04	97.7
CALCIUM	50000.0	50406.78	100.8
COPPER	1000.0	1002.85	100.3
IRON	20000.0	20049.23	100.2
MAGNESIUM	50000.0	51488.58	103.0
MANGANESE	1000.0	1019.09	101.9
NICKEL	1000.0	995.59	99.6
POTASSIUM	50000.0	51244.90	102.5
SILVER	250.0	264.52	105.8
SODIUM	50000.0	53640.06	107.3
VANADIUM	1000.0	988.80	98.9
ZINC	1000.0	1014.86	101.5

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 19:57

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51577.09	103.2
BARIUM	1000.0	1017.44	101.7
BERYLLIUM	1000.0	1001.84	100.2
CADMIUM	1000.0	962.85	96.3
CALCIUM	50000.0	49823.97	99.6
COPPER	1000.0	1007.94	100.8
IRON	20000.0	19914.37	99.6
MAGNESIUM	50000.0	51672.82	103.3
MANGANESE	1000.0	1026.42	102.6
NICKEL	1000.0	973.94	97.4
POTASSIUM	50000.0	51818.70	103.6
SILVER	250.0	263.96	105.6
SODIUM	50000.0	53688.52	107.4
VANADIUM	1000.0	987.76	98.8
ZINC	1000.0	1016.45	101.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 21:04

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51722.59	103.4
BARIUM	1000.0	1013.17	101.3
BERYLLIUM	1000.0	991.02	99.1
CADMIUM	1000.0	954.76	95.5
CALCIUM	50000.0	49806.51	99.6
COPPER	1000.0	1008.67	100.9
IRON	20000.0	19628.38	98.1
MAGNESIUM	50000.0	51385.78	102.8
MANGANESE	1000.0	1017.70	101.8
NICKEL	1000.0	964.70	96.5
POTASSIUM	50000.0	52082.40	104.2
SILVER	250.0	262.51	105.0
SODIUM	50000.0	53964.21	107.9
VANADIUM	1000.0	971.40	97.1
ZINC	1000.0	1007.31	100.7

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 22:12

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51719.23	103.4
BARIUM	1000.0	1007.28	100.7
BERYLLIUM	1000.0	982.64	98.3
CADMIUM	1000.0	940.37	94.0
CALCIUM	50000.0	47196.94	94.4
COPPER	1000.0	1005.81	100.6
IRON	20000.0	19437.81	97.2
MAGNESIUM	50000.0	50994.48	102.0
MANGANESE	1000.0	1007.73	100.8
NICKEL	1000.0	944.42	94.4
POTASSIUM	50000.0	51976.49	104.0
SILVER	250.0	261.61	104.6
SODIUM	50000.0	53473.36	106.9
VANADIUM	1000.0	964.89	96.5
ZINC	1000.0	998.80	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 23:09

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52474.56	104.9
BARIUM	1000.0	1009.82	101.0
BERYLLIUM	1000.0	988.07	98.8
CADMIUM	1000.0	947.17	94.7
CALCIUM	50000.0	45560.66	91.1
COPPER	1000.0	1023.02	102.3
IRON	20000.0	19408.50	97.0
MAGNESIUM	50000.0	51470.72	102.9
MANGANESE	1000.0	1011.69	101.2
NICKEL	1000.0	948.23	94.8
POTASSIUM	50000.0	53227.74	106.5
SILVER	250.0	264.36	105.7
SODIUM	50000.0	55043.65	110.1 OK
VANADIUM	1000.0	968.82	96.9
ZINC	1000.0	1004.19	100.4

SAMPLE: CCV

File: BUJ07A Oct 07, 2004 23:37

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	52319.66	104.6
BARIUM	1000.0	1006.76	100.7
BERYLLIUM	1000.0	982.31	98.2
CADMIUM	1000.0	938.19	93.8
CALCIUM	50000.0	45532.82	91.1
COPPER	1000.0	1018.44	101.8
IRON	20000.0	19456.52	97.3
MAGNESIUM	50000.0	51460.10	102.9
MANGANESE	1000.0	1009.01	100.9
NICKEL	1000.0	945.92	94.6
POTASSIUM	50000.0	53486.67	107.0
SILVER	250.0	267.06	106.8
SODIUM	50000.0	54600.00	109.2
VANADIUM	1000.0	964.26	96.4
ZINC	1000.0	1001.31	100.1

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICV

File: BUJ14A Oct 14, 2004 12:16

Analyte	True	Found	%R (1)
ALUMINUM	20000.0	19914.07	99.6
CALCIUM	20000.0	20642.13	103.2
IRON	20000.0	20670.74	103.4
MAGNESIUM	20000.0	19808.65	99.0

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 12:50

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49627.64	99.3
CALCIUM	50000.0	50208.48	100.4
IRON	20000.0	20345.82	101.7
MAGNESIUM	50000.0	49779.45	99.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 13:59

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49860.89	99.7
CALCIUM	50000.0	50025.00	100.1
IRON	20000.0	20129.13	100.6
MAGNESIUM	50000.0	49828.11	99.7

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 14:40

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49784.63	99.6
CALCIUM	50000.0	50113.04	100.2
IRON	20000.0	20053.33	100.3
MAGNESIUM	50000.0	49846.35	99.7

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 15:26

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49800.52	99.6
CALCIUM	50000.0	50153.33	100.3
IRON	20000.0	20060.62	100.3
MAGNESIUM	50000.0	50027.43	100.1

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 16:57

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	49857.86	99.7
CALCIUM	50000.0	49652.51	99.3
IRON	20000.0	19721.16	98.6
MAGNESIUM	50000.0	50013.16	100.0

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 18:05

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50072.92	100.1
CALCIUM	50000.0	47869.55	95.7
IRON	20000.0	19244.47	96.2
MAGNESIUM	50000.0	49515.07	99.0

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 19:12

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50181.04	100.4
CALCIUM	50000.0	48215.73	96.4
IRON	20000.0	19221.41	96.1
MAGNESIUM	50000.0	49889.86	99.8

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 20:20

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50574.36	101.1
CALCIUM	50000.0	47353.17	94.7
IRON	20000.0	19096.89	95.5
MAGNESIUM	50000.0	49730.65	99.5

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 21:28

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	50905.09	101.8
CALCIUM	50000.0	47293.07	94.6
IRON	20000.0	19126.06	95.6
MAGNESIUM	50000.0	49949.56	99.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 22:36

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51307.27	102.6
CALCIUM	50000.0	47443.88	94.9
IRON	20000.0	19235.19	96.2
MAGNESIUM	50000.0	50343.20	100.7

SAMPLE: CCV

File: BUJ14A Oct 14, 2004 23:21

Analyte	True	Found	%R (1)
ALUMINUM	50000.0	51120.68	102.2
CALCIUM	50000.0	47529.84	95.1
IRON	20000.0	19266.88	96.3
MAGNESIUM	50000.0	50443.97	100.9

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICV

File: HUJ04A Oct 04, 2004 13:58

Analyte	True	Found	%R (1)
MERCURY	6.0	6.11	101.8

SAMPLE: CCV

File: HUJ04A Oct 04, 2004 14:23

Analyte	True	Found	%R (1)
MERCURY	5.0	5.36	107.2

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCV

File: HUJ04A Oct 04, 2004 14:49

Analyte	True	Found	%R (1)
MERCURY	5.0	5.45	109.0

SAMPLE: CCV

File: HUJ04A Oct 04, 2004 15:01

Analyte	True	Found	%R (1)
MERCURY	5.0	5.28	105.6

(1) Control Limits: Mercury 80-120; Other Metals 90-110

FORM II (Part 1) - IN

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Sb, As, Cr, Co, Se, Pb, Tl, Sn only

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICB

File: AUJ17A Oct 17, 2004 11:44

Analyte	Result	C
ALUMINUM	-25.13	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	7.63	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	2.49	I

SAMPLE: CCB

File: AUJ17A Oct 17, 2004 12:24

Analyte	Result	C
ALUMINUM	-44.59	I
ANTIMONY	-2.92	I
ARSENIC	3.03	U
CALCIUM	15.09	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB

File: AUJ17A Oct 17, 2004 13:45

Analyte	Result	C
ALUMINUM	18.30	U
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	40.66	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	10.08	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: AUJ17A Oct 17, 2004 15:05

Analyte	Result	C
ALUMINUM	46.16	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	80.34	
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	13.57	I
LEAD	1.70	U
MAGNESIUM	18.28	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	2.95	I

SAMPLE: CCB

File: AUJ17A Oct 17, 2004 16:26

Analyte	Result	C
ALUMINUM	81.11	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-25.26	I
CHROMIUM	0.80	U
COBALT	-0.73	I
IRON	20.95	I
LEAD	1.70	U
MAGNESIUM	-8.01	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICB

File: BUJ07A Oct 07, 2004 12:40

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.76	I
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	11.26	I
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 13:14

Analyte	Result	C
ALUMINUM	25.23	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~33.84~~	~~I~~
COPPER	1.91	U
IRON	9.61	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 14:24

Analyte	Result	C
ALUMINUM	28.51	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~35.26~~	~~I~~
COPPER	1.91	U
IRON	11.76	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 15:32

Analyte	Result	C
ALUMINUM	61.55	I
BARIUM	0.53	U
BERYLLIUM	0.40	I
CADMIUM	3.97	U
~~CALCIUM~~	~~47.24~~	~~I~~
COPPER	1.91	U
IRON	20.16	I
MAGNESIUM	28.39	I
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 16:39

Analyte	Result	C
ALUMINUM	65.60	I
BARIUM	0.53	U
BERYLLIUM	0.45	I
CADMIUM	3.97	U
~~CALCIUM~~	~~65.74~~	
COPPER	1.91	U
IRON	27.14	I
MAGNESIUM	43.82	I
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	2.02	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 17:47

Analyte	Result	C
ALUMINUM	34.60	I
BARIUM	0.53	U
BERYLLIUM	0.97	I
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	7.74	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	45.27	I
VANADIUM	4.14	U
ZINC	3.72	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 18:55

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.61	I
BERYLLIUM	0.64	I
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	-1.91	I
IRON	8.63	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	6.09	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.87	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 20:02

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.85	I
CADMIUM	3.97	U
CALCIUM	22.65	I
COPPER	1.91	U
IRON	12.51	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	5.68	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	3.63	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 21:10

Analyte	Result	C
ALUMINUM	27.16	I
BARIUM	0.72	I
BERYLLIUM	0.98	I
CADMIUM	3.97	U
CALCIUM	264.47	
COPPER	1.91	U
IRON	16.21	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	278.56	I
SILVER	7.24	I
SODIUM	27.20	I
VANADIUM	4.14	U
ZINC	3.49	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 22:18

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.69	I
CADMIUM	3.97	U
~~CALCIUM~~	~~216.58~~	
COPPER	-2.41	I
IRON	9.10	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	13.47	I
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	61.49	I
VANADIUM	4.14	U
ZINC	4.33	I

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 23:14

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	I
BERYLLIUM	0.99	I
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	9.88	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.84	I
POTASSIUM	238.00	U
SILVER	6.65	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	4.90	I

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 23:43

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	1.12	I
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	16.80	I
MAGNESIUM	24.70	U
MANGANESE	1.17	U
NICKEL	10.80	U
POTASSIUM	238.00	U
SILVER	2.87	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	3.75	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Ca only

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICB

File: BUJ14A Oct 14, 2004 12:22

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	5.05	U
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 12:56

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	5.54	I
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 14:04

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	8.60	I
MAGNESIUM	28.16	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 14:46

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	10.11	I
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 15:32

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	9.09	I
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 17:03

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	27.27	I
IRON	12.87	I
MAGNESIUM	32.81	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 18:10

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	6.31	I
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 19:18

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	5.22	I
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 20:26

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	10.83	I
MAGNESIUM	24.70	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 21:33

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	10.61	I
MAGNESIUM	28.13	I

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 22:41

Analyte	Result	C
ALUMINUM	-25.24	I
CALCIUM	21.40	U
IRON	5.05	U
MAGNESIUM	24.70	U

SAMPLE: CCB

File: BUJ14A Oct 14, 2004 23:26

Analyte	Result	C
ALUMINUM	17.90	U
CALCIUM	21.40	U
IRON	8.14	I
MAGNESIUM	24.70	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: ICB

File: HUJ04A Oct 04, 2004 14:00

Analyte	Result	C
MERCURY	-0.06	I

SAMPLE: CCB

File: HUJ04A Oct 04, 2004 14:25

Analyte	Result	C
MERCURY	-0.06	I

SAMPLE: CCB

File: HUJ04A Oct 04, 2004 14:51

Analyte	Result	C
MERCURY	-0.06	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Concentration Units: ug/L

SAMPLE: CCB

File: HUJ04A Oct 04, 2004 15:03

Analyte	Result	C
MERCURY	-0.06	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSUJ01HGS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ01HGS0

Concentration Units : mg/Kg

Analyte	RESULT	C
MERCURY	0.010	U

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSUJ01ICS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ01ICS0

Concentration Units : mg/Kg

Analyte	RESULT	C
ALUMINUM	1.790	U
BARIUM	0.079	I
BERYLLIUM	0.030	U
CADMIUM	0.400	U
CALCIUM	8.075	
COPPER	0.190	U
IRON	2.409	I
MAGNESIUM	2.470	U
MANGANESE	0.131	I
NICKEL	1.080	U
POTASSIUM	24.637	I
SILVER	0.807	I
SODIUM	9.090	I
VANADIUM	0.410	U
ZINC	0.230	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBSUJ08ICS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ08ICS0

Concentration Units : mg/Kg

Analyte	RESULT	C
ANTIMONY	0.230	U
ARSENIC	0.300	U
CHROMIUM	0.080	U
COBALT	0.060	U
LEAD	0.170	U
SELENIUM	0.370	U
THALLIUM	0.410	U
TIN	3.077	I

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCSB-MW07-02-0904S

Matrix: SOIL | **SDG Name:** WU3200

Percent Solids: 86.0 | **Lab Sample ID:** WU3200-001P

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ANTIMONY, TOTAL	30.1740		0.2733	I	34.8	85.9		75	125	P
ARSENIC, TOTAL	30.7928		0.7853		34.8	86.2		75	125	P
CHROMIUM, TOTAL	13.6865		1.8979		13.92	84.7		75	125	P
COBALT, TOTAL	27.4601		0.1488	I	34.8	78.5		75	125	P
LEAD, TOTAL	34.1053		5.3471		34.8	82.6		75	125	P
SELENIUM, TOTAL	28.8278		-0.1702	U	34.8	82.8		75	125	P
THALLIUM, TOTAL	27.8415		0.0727	U	34.8	80.0		75	125	P
TIN, TOTAL	30.2610		2.0868	I	34.8	81.0		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCSB-MW07-02-0904S

Matrix: SOIL | **SDG Name:** WU3200

Percent Solids: 86.0 | **Lab Sample ID:** WU3200-001S

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
ANTIMONY, TOTAL	28.3865		0.2733	I	34.8	80.8		75	125	P
ARSENIC, TOTAL	29.6206		0.7853		34.8	82.9		75	125	P
CHROMIUM, TOTAL	13.3963		1.8979		13.92	82.6		75	125	P
COBALT, TOTAL	26.3506		0.1488	I	34.8	75.3		75	125	P
LEAD, TOTAL	35.5552		5.3471		34.8	86.8		75	125	P
SELENIUM, TOTAL	28.0810		-0.1702	U	34.8	80.7		75	125	P
THALLIUM, TOTAL	27.0362		0.0727	U	34.8	77.7		75	125	P
TIN, TOTAL	30.2123		2.0868	I	34.8	80.8		75	125	P

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCSB-SS02-04-0904S

Matrix: SOIL | **SDG Name:** WU3200

Percent Solids: 84.3 | **Lab Sample ID:** WU3200-017P

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	% R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	0.1401		-0.0054	U	0.14	100.1		75	125	CV

Comments:

5A

SPIKE SAMPLE RECOVERY

Lab Name: Katahdin Analytical Services | **Client Field ID:** KWFCSB-SS02-04-0904S

Matrix: SOIL | **SDG Name:** WU3200

Percent Solids: 84.3 | **Lab Sample ID:** WU3200-017S

Concentration Units : mg/Kg

Analyte	Spiked Sample Result	C	Sample Result	C	Spike Added	%R	Q	Control Limits (%R) Low	High	M
MERCURY, TOTAL	0.1573		-0.0054	U	0.16	98.3		75	125	CV

Comments:

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOUJ01HGS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ01HGS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
MERCURY	5.0	5.39	107.8	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOUJ01ICS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ01ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ALUMINUM	2000.0	2010.76	100.5	80	120
BARIUM	2000.0	1990.86	99.5	80	120
BERYLLIUM	50.0	48.49	97.0	80	120
CADMIUM	250.0	260.03	104.0	80	120
CALCIUM	2500.0	2701.85	108.1	80	120
COPPER	250.0	246.98	98.8	80	120
IRON	1000.0	1037.62	103.8	80	120
MAGNESIUM	5000.0	5056.34	101.1	80	120
MANGANESE	500.0	525.18	105.0	80	120
NICKEL	500.0	528.94	105.8	80	120
POTASSIUM	10000.0	9895.75	99.0	80	120
SILVER	50.0	56.31	112.6	80	120
SODIUM	7500.0	7429.74	99.1	80	120
VANADIUM	500.0	502.10	100.4	80	120
ZINC	500.0	523.41	104.7	80	120

LABORATORY CONTROL SAMPLES

Lab Name: Katahdin Analytical Services **Sample ID:** LCSOUJ08ICS0

Matrix: SOIL **SDG Name:** WU3200

QC Batch ID: UJ08ICS0

Concentration Units : ug/L

Analyte	TRUE	FOUND	% R	LIMITS (%)	
ANTIMONY	500.0	461.52	92.3	80	120
ARSENIC	500.0	472.74	94.5	80	120
CHROMIUM	200.0	190.56	95.3	80	120
COBALT	500.0	474.09	94.8	80	120
LEAD	500.0	468.11	93.6	80	120
SELENIUM	500.0	481.21	96.2	80	120
THALLIUM	500.0	461.21	92.2	80	120
TIN	500.0	507.50	101.5	80	120

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ANTIMONY	8.0	2.34	P
ARSENIC	8.0	3.03	P
CHROMIUM	15	0.80	P
COBALT	30	0.64	P
LEAD	5.0	1.70	P
SELENIUM	10	3.71	P
THALLIUM	15	4.09	P
TIN	100	1.79	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	17.90	P
BARIUM	5.0	0.53	P
BERYLLIUM	5.0	0.27	P
CADMIUM	10	3.97	P
CALCIUM	50	21.40	P
COPPER	25	1.91	P
IRON	100	5.05	P
MAGNESIUM	50	24.70	P
MANGANESE	5.0	1.17	P
NICKEL	40	10.80	P
POTASSIUM	1000	238.00	P
SILVER	15	2.84	P
SODIUM	1000	19.10	P
VANADIUM	25	4.14	P
ZINC	25	1.44	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.01	CV

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ01HGS0

Matrix: SOIL **SDG Name:** WU3200

Method: CV **Prep Date:** 10/01/2004

Client ID	Lab Sample ID	Initial (g)	Final (L)
LCSOUJ01HGS0	LCSOUJ01HGS0	0.6	0.1
PBSUJ01HGS0	PBSUJ01HGS0	0.6	0.1
KWFCSB-MW07-02-0904	WU3200-001	0.88	0.1
KWFCSB-MW07-04-0904	WU3200-002	0.67	0.1
KWFCSB-MW08-02-0904	WU3200-003	0.66	0.1
KWFCSB-MW08-04-0904	WU3200-004	0.68	0.1
KWFCSB-MW09-02-0904	WU3200-005	0.65	0.1
KWFCSB-MW09-04-0904	WU3200-006	0.76	0.1
KWFCSB-MW10-02-0904	WU3200-007	0.67	0.1
KWFCSB-MW10-04-0904	WU3200-008	0.67	0.1
KWFCSB-MW11-02-0904	WU3200-009	0.75	0.1
KWFCSB-MW11-04-0904	WU3200-010	0.65	0.1
KWFCSB-MW12-02-0904	WU3200-011	0.72	0.1
KWFCSB-MW12-04-0904	WU3200-012	0.81	0.1
KWFCSB-DUP-00-0904	WU3200-013	0.6	0.1
KWFCSB-SS01-02-0904	WU3200-014	0.64	0.1
KWFCSB-SS01-04-0904	WU3200-015	0.68	0.1
KWFCSB-SS02-02-0904	WU3200-016	0.68	0.1
KWFCSB-SS02-04-0904	WU3200-017	0.62	0.1
KWFCSB-SS02-04-0904P	WU3200-017P	0.84	0.1
KWFCSB-SS02-04-0904S	WU3200-017S	0.72	0.1

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ01ICS0

Matrix: SOIL **SDG Name:** WU3200

Method: P **Prep Date:** 10/01/2004

Client ID	Lab Sample ID	Initial (g)	Final (L)
LCSOUJ01ICS0	LCSOUJ01ICS0	1	0.1
PBSUJ01ICS0	PBSUJ01ICS0	1	0.1
KWFCSB-MW07-02-0904	WU3200-001	1.34	0.1
KWFCSB-MW07-04-0904	WU3200-002	1.3	0.1
KWFCSB-MW08-02-0904	WU3200-003	1.4	0.1
KWFCSB-MW08-04-0904	WU3200-004	1.35	0.1
KWFCSB-MW09-02-0904	WU3200-005	1.25	0.1
KWFCSB-MW09-04-0904	WU3200-006	1.38	0.1
KWFCSB-MW10-02-0904	WU3200-007	1.15	0.1
KWFCSB-MW10-04-0904	WU3200-008	1.22	0.1
KWFCSB-MW11-02-0904	WU3200-009	1.35	0.1
KWFCSB-MW11-04-0904	WU3200-010	1.12	0.1
KWFCSB-MW12-02-0904	WU3200-011	1.17	0.1
KWFCSB-MW12-04-0904	WU3200-012	1.27	0.1
KWFCSB-DUP-00-0904	WU3200-013	1.49	0.1
KWFCSB-SS01-02-0904	WU3200-014	1.14	0.1
KWFCSB-SS01-04-0904	WU3200-015	1.65	0.1
KWFCSB-SS02-02-0904	WU3200-016	1.24	0.1
KWFCSB-SS02-04-0904	WU3200-017	1.58	0.1

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ08ICS0

Matrix: SOIL **SDG Name:** WU3200

Method: P **Prep Date:** 10/08/2004

Client ID	Lab Sample ID	Initial (g)	Final (L)
LCSOUJ08ICS0	LCSOUJ08ICS0	1	0.1
PBSUJ08ICS0	PBSUJ08ICS0	1	0.1
KWFCSB-MW07-02-0904	WU3200-001R	1.68	0.1
KWFCSB-MW07-02-0904P	WU3200-001RP	1.67	0.1
KWFCSB-MW07-02-0904S	WU3200-001RS	1.67	0.1
KWFCSB-MW07-04-0904	WU3200-002R	1.21	0.1
KWFCSB-MW08-02-0904	WU3200-003R	1.33	0.1
KWFCSB-MW08-04-0904	WU3200-004R	1.41	0.1
KWFCSB-MW09-02-0904	WU3200-005R	1.6	0.1
KWFCSB-MW09-04-0904	WU3200-006R	1.67	0.1
KWFCSB-MW10-02-0904	WU3200-007R	1.49	0.1
KWFCSB-MW10-04-0904	WU3200-008R	1.8	0.1
KWFCSB-MW11-02-0904	WU3200-009R	1.47	0.1
KWFCSB-MW11-04-0904	WU3200-010R	1.11	0.1
KWFCSB-MW12-02-0904	WU3200-011R	1.21	0.1
KWFCSB-MW12-04-0904	WU3200-012R	1.23	0.1
KWFCSB-DUP-00-0904	WU3200-013R	1.4	0.1
KWFCSB-SS01-02-0904	WU3200-014R	1.2	0.1
KWFCSB-SS01-04-0904	WU3200-015R	1.25	0.1
KWFCSB-SS02-02-0904	WU3200-016R	1.25	0.1
KWFCSB-SS02-04-0904	WU3200-017R	1.84	0.1

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA TRACE ICP **File Name:** AUJ17A

Date: 10/17/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements				
S0		1	10:51	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
S1		1	10:58	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
AL IEC		1	11:10	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
FE IEC		1	11:17	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
MN IEC		1	11:24	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
IEC		1	11:30	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICV		1	11:37	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICB		1	11:44	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
PQL		1	11:51	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CRI		1	11:57	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICSA		1	12:04	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICSAB		1	12:11	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCV		1	12:18	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCB		1	12:24	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ZZZZZZ		1	12:31					
ZZZZZZ		1	12:38					
ZZZZZZ		1	12:44					
ZZZZZZ		1	12:51					
PBSUJ08ICS0		1	12:58	Sb As	Cr Co	Pb	Se	Tl Sn
LCSOUJ08ICS0		1	13:04	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-001R	WFCSB-MW07-02-0904R	1	13:11	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-001RL	FCSB-MW07-02-0904RL	5	13:18	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-001RS	FCSB-MW07-02-0904RS	1	13:25	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-001RP	FCSB-MW07-02-0904RP	1	13:31	Sb As	Cr Co	Pb	Se	Tl Sn
CCV		1	13:38	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCB		1	13:45	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
WU3200-002R	WFCSB-MW07-04-0904R	1	13:51	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-003R	WFCSB-MW08-02-0904R	1	13:58	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-004R	WFCSB-MW08-04-0904R	1	14:05	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-005R	WFCSB-MW09-02-0904R	1	14:12	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-006R	WFCSB-MW09-04-0904R	1	14:18	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-007R	WFCSB-MW10-02-0904R	1	14:25	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-008R	WFCSB-MW10-04-0904R	1	14:32	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-009R	WFCSB-MW11-02-0904R	1	14:38	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-010R	WFCSB-MW11-04-0904R	1	14:45	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-011R	WFCSB-MW12-02-0904R	1	14:52	Sb As	Cr Co	Pb	Se	Tl Sn
CCV		1	14:59	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCB		1	15:05	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
WU3200-012R	WFCSB-MW12-04-0904R	1	15:12	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-013R	WFCSB-DUP-00-0904R	1	15:19	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-014R	WFCSB-SS01-02-0904R	1	15:25	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-015R	WFCSB-SS01-04-0904R	1	15:32	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-016R	WFCSB-SS02-02-0904R	1	15:39	Sb As	Cr Co	Pb	Se	Tl Sn
WU3200-017R	WFCSB-SS02-04-0904R	1	15:45	Sb As	Cr Co	Pb	Se	Tl Sn
ZZZZZZ		1	15:52					
CRI		1	15:59	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICSA		1	16:06	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
ICSAB		1	16:12	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCV		1	16:19	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn
CCB		1	16:26	Al Sb As	Ca Cr Co	Fe Pb Mg	Se	Tl Sn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
S0		1	12:07	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
S1		1	12:12	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
AL_IEC		1	12:18	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
FE_IEC		1	12:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICV		1	12:34	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICB		1	12:40	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
PQL		1	12:46	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CRI		1	12:51	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSA		1	12:57	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSAB		1	13:03	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCV		1	13:08	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	13:14	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	13:20										
ZZZZZZ		1	13:25										
ZZZZZZ		1	13:31										
ZZZZZZ		1	13:37										
ZZZZZZ		1	13:42										
ZZZZZZ		1	13:48										
ZZZZZZ		1	13:53										
ZZZZZZ		1	14:00										
ZZZZZZ		1	14:05										
ZZZZZZ		1	14:11										
CCV		1	14:17	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	14:24	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	14:30										
ZZZZZZ		1	14:35										
ZZZZZZ		1	14:41										
ZZZZZZ		1	14:47										
WU3200-001	<WFCSB-MW07-02-0904	1	14:52	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		5	14:58										
ZZZZZZ		1	15:04										
CRI		1	15:09	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSA		1	15:15	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSAB		1	15:21	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCV		1	15:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	15:32	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	15:37										
ZZZZZZ		1	15:43										
ZZZZZZ		1	15:49										
ZZZZZZ		1	15:54										
ZZZZZZ		1	16:00										
ZZZZZZ		1	16:06										
ZZZZZZ		1	16:11										
CRI		1	16:17	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSA		1	16:22	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSAB		1	16:28	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCV		1	16:34	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	16:39	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	16:45										
ZZZZZZ		1	16:51										

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
ZZZZZZ		1	16:56										
ZZZZZZ		1	17:02										
ZZZZZZ		1	17:08										
ZZZZZZ		1	17:13										
ZZZZZZ		1	17:19										
ZZZZZZ		1	17:24										
ZZZZZZ		1	17:30										
ZZZZZZ		1	17:36										
CCV		1	17:41	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	17:47	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	17:53										
ZZZZZZ		5	17:58										
ZZZZZZ		1	18:04										
ZZZZZZ		1	18:10										
ZZZZZZ		1	18:15										
ZZZZZZ		1	18:21										
LCSOUJ01ICS0		1	18:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
PBSUJ01ICS0		1	18:32	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	18:38										
ZZZZZZ		1	18:43										
CCV		1	18:49	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	18:55	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	19:00										
ZZZZZZ		1	19:06										
ZZZZZZ		5	19:12										
ZZZZZZ		1	19:17										
ZZZZZZ		1	19:23										
ZZZZZZ		1	19:29										
ZZZZZZ		1	19:34										
CRI		1	19:40	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSA		1	19:45	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ICSAB		1	19:51	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCV		1	19:57	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	20:02	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	20:08										
ZZZZZZ		1	20:14										
ZZZZZZ		1	20:19										
ZZZZZZ		1	20:25										
ZZZZZZ		1	20:31										
WU3200-002	<WFCSB-MW07-04-0904	1	20:36	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-003	<WFCSB-MW08-02-0904	1	20:42	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-004	<WFCSB-MW08-04-0904	1	20:47	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-005	<WFCSB-MW09-02-0904	1	20:53	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-006	<WFCSB-MW09-04-0904	1	20:59	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCV		1	21:04	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
CCB		1	21:10	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-007	<WFCSB-MW10-02-0904	1	21:16	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-008	<WFCSB-MW10-04-0904	1	21:21	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
ZZZZZZ		1	21:27										
WU3200-009	<WFCSB-MW11-02-0904	1	21:33	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn
WU3200-010	<WFCSB-MW11-04-0904	1	21:38	Al	Ba	Be	Cd		Cu	Fe	Mg	Mn	Ni K Ag Na V Zn

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
WU3200-011	KWFCSB-MW12-02-0904	1	21:44	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
WU3200-012	KWFCSB-MW12-04-0904	1	21:50	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
WU3200-013	KWFCSB-DUP-00-0904	1	21:55	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
WU3200-014	KWFCSB-SS01-02-0904	1	22:01	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
WU3200-015	KWFCSB-SS01-04-0904	1	22:07	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
CCV		1	22:12	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
CCB		1	22:18	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
WU3200-016	KWFCSB-SS02-02-0904	1	22:24	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
WU3200-017	KWFCSB-SS02-04-0904	1	22:29	Al	Ba	Be	Cd	Cu	Fe	Mg	Mn	Ni	K
ZZZZZZ		1	22:35										
ZZZZZZ		5	22:40										
ZZZZZZ		1	22:46										
ZZZZZZ		1	22:52										
ZZZZZZ		1	22:57										
ZZZZZZ		1	23:03										
CCV		1	23:09	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
CCB		1	23:14	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
CRI		1	23:20	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
ICSA		1	23:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
ICSAB		1	23:31	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
CCV		1	23:37	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni
CCB		1	23:43	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	Mn	Ni

Lab Sample ID	Client ID	D.F.	Time	Elements									
WU3200-011	KWFCSB-MW12-02-0904	1	21:44	Ag	Na	V	Zn						
WU3200-012	KWFCSB-MW12-04-0904	1	21:50	Ag	Na	V	Zn						
WU3200-013	KWFCSB-DUP-00-0904	1	21:55	Ag	Na	V	Zn						
WU3200-014	KWFCSB-SS01-02-0904	1	22:01	Ag	Na	V	Zn						
WU3200-015	KWFCSB-SS01-04-0904	1	22:07	Ag	Na	V	Zn						
CCV		1	22:12	Ag	Na	V	Zn						
CCB		1	22:18	Ag	Na	V	Zn						
WU3200-016	KWFCSB-SS02-02-0904	1	22:24	Ag	Na	V	Zn						
WU3200-017	KWFCSB-SS02-04-0904	1	22:29	Ag	Na	V	Zn						
ZZZZZZ		1	22:35										
ZZZZZZ		5	22:40										
ZZZZZZ		1	22:46										
ZZZZZZ		1	22:52										
ZZZZZZ		1	22:57										
ZZZZZZ		1	23:03										
CCV		1	23:09	Ag	Na	V	Zn						
CCB		1	23:14	Ag	Na	V	Zn						
CRI		1	23:20	Ag	Na	V	Zn						
ICSA		1	23:26	Ag	Na	V	Zn						
ICSAB		1	23:31	Ag	Na	V	Zn						
CCV		1	23:37	Ag	Na	V	Zn						
CCB		1	23:43	Ag	Na	V	Zn						

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ14A

Date: 10/14/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
S0		1	11:48	Al	Ca	Fe	Mg
S1		1	11:54	Al	Ca	Fe	Mg
AL IEC		1	11:59	Al	Ca	Fe	Mg
FE IEC		1	12:08	Al	Ca	Fe	Mg
ICV		1	12:16	Al	Ca	Fe	Mg
ICB		1	12:22	Al	Ca	Fe	Mg
PQL		1	12:27	Al	Ca	Fe	Mg
CRI		1	12:33	Al	Ca	Fe	Mg
ICSA		1	12:39	Al	Ca	Fe	Mg
ICSAB		1	12:44	Al	Ca	Fe	Mg
CCV		1	12:50	Al	Ca	Fe	Mg
CCB		1	12:56	Al	Ca	Fe	Mg
ZZZZZZ		1	13:01				
ZZZZZZ		5	13:07				
ZZZZZZ		1	13:13				
ZZZZZZ		1	13:18				
ZZZZZZ		1	13:24				
ZZZZZZ		5	13:30				
ZZZZZZ		1	13:35				
ZZZZZZ		1	13:42				
ZZZZZZ		1	13:47				
ZZZZZZ		1	13:53				
CCV		1	13:59	Al	Ca	Fe	Mg
CCB		1	14:04	Al	Ca	Fe	Mg
ZZZZZZ		10	14:10				
ZZZZZZ		1	14:16				
ZZZZZZ		10	14:21				
ZZZZZZ		10	14:27				
ZZZZZZ		100	14:34				
CCV		1	14:40	Al	Ca	Fe	Mg
CCB		1	14:46	Al	Ca	Fe	Mg
ZZZZZZ		1	14:52				
ZZZZZZ		10	14:58				
ZZZZZZ		10	15:04				
ZZZZZZ		1	15:09				
ZZZZZZ		1	15:15				
ZZZZZZ		1	15:21				
CCV		1	15:26	Al	Ca	Fe	Mg
CCB		1	15:32	Al	Ca	Fe	Mg
ZZZZZZ		1	15:37				
ZZZZZZ		1	16:03				
ZZZZZZ		1	16:09				
ZZZZZZ		1	16:14				
ZZZZZZ		1	16:20				
ZZZZZZ		1	16:25				
ZZZZZZ		1	16:31				
CRI		1	16:40	Al	Ca	Fe	Mg
ICSA		1	16:46	Al	Ca	Fe	Mg
ICSAB		1	16:51	Al	Ca	Fe	Mg
CCV		1	16:57	Al	Ca	Fe	Mg

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ14A

Date: 10/14/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
CCB		1	17:03	Al	Ca	Fe	Mg
ZZZZZZ		1	17:08				
ZZZZZZ		1	17:14				
ZZZZZZ		1	17:20				
ZZZZZZ		1	17:25				
ZZZZZZ		1	17:31				
ZZZZZZ		1	17:36				
ZZZZZZ		1	17:42				
ZZZZZZ		1	17:48				
ZZZZZZ		1	17:53				
ZZZZZZ		1	17:59				
CCV		1	18:05	Al	Ca	Fe	Mg
CCB		1	18:10	Al	Ca	Fe	Mg
ZZZZZZ		1	18:16				
ZZZZZZ		1	18:22				
ZZZZZZ		1	18:27				
ZZZZZZ		1	18:33				
ZZZZZZ		1	18:39				
ZZZZZZ		1	18:44				
ZZZZZZ		1	18:50				
ZZZZZZ		1	18:55				
ZZZZZZ		1	19:01				
ZZZZZZ		1	19:07				
CCV		1	19:12	Al	Ca	Fe	Mg
CCB		1	19:18	Al	Ca	Fe	Mg
ZZZZZZ		5	19:24				
ZZZZZZ		5	19:29				
ZZZZZZ		5	19:35				
ZZZZZZ		1	19:41				
ZZZZZZ		5	19:46				
ZZZZZZ		5	19:52				
ZZZZZZ		5	19:57				
CRI		1	20:03	Al	Ca	Fe	Mg
ICSA		1	20:09	Al	Ca	Fe	Mg
ICSAB		1	20:14	Al	Ca	Fe	Mg
CCV		1	20:20	Al	Ca	Fe	Mg
CCB		1	20:26	Al	Ca	Fe	Mg
ZZZZZZ		5	20:31				
ZZZZZZ		5	20:37				
ZZZZZZ		5	20:43				
WU3200-001	<WFCSB-MW07-02-0904	10	20:48		Ca		
WU3200-002	<WFCSB-MW07-04-0904	10	20:54		Ca		
WU3200-003	<WFCSB-MW08-02-0904	10	21:00		Ca		
WU3200-004	<WFCSB-MW08-04-0904	10	21:05		Ca		
WU3200-005	<WFCSB-MW09-02-0904	10	21:11		Ca		
WU3200-006	<WFCSB-MW09-04-0904	10	21:16		Ca		
WU3200-007	<WFCSB-MW10-02-0904	10	21:22		Ca		
CCV		1	21:28	Al	Ca	Fe	Mg
CCB		1	21:33	Al	Ca	Fe	Mg
WU3200-008	<WFCSB-MW10-04-0904	10	21:39		Ca		
WU3200-009	<WFCSB-MW11-02-0904	10	21:45		Ca		

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: TJA 61 ICP **File Name:** BUJ14A

Date: 10/14/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements			
WU3200-010	<WFCSB-MW11-04-0904	10	21:50		Ca		
WU3200-011	<WFCSB-MW12-02-0904	10	21:56		Ca		
WU3200-012	<WFCSB-MW12-04-0904	10	22:02		Ca		
WU3200-013	KWFCSB-DUP-00-0904	10	22:07		Ca		
WU3200-014	KWFCSB-SS01-02-0904	10	22:13		Ca		
WU3200-015	KWFCSB-SS01-04-0904	10	22:19		Ca		
WU3200-016	KWFCSB-SS02-02-0904	10	22:24		Ca		
WU3200-017	KWFCSB-SS02-04-0904	10	22:30		Ca		
CCV		1	22:36	Al	Ca	Fe	Mg
CCB		1	22:41	Al	Ca	Fe	Mg
ZZZZZZ		1	22:47				
ZZZZZZ		1	22:53				
ZZZZZZ		1	22:58				
CRI		1	23:04	Al	Ca	Fe	Mg
ICSA		1	23:09	Al	Ca	Fe	Mg
ICSAB		1	23:15	Al	Ca	Fe	Mg
CCV		1	23:21	Al	Ca	Fe	Mg
CCB		1	23:26	Al	Ca	Fe	Mg

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3200

Instrument ID: CETAC M6100 **File Name:** HUJ04A

Date: 10/4/04 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	13:45	Hg
Standard #1 (0.2 p		1	13:47	Hg
Standard #2 (0.5 p		1	13:49	Hg
Standard #3 (1.0 p		1	13:51	Hg
Standard #4 (5.0 p		1	13:53	Hg
Standard #5 (10.0		1	13:55	Hg
ICV		1	13:58	HG
ICB		1	14:00	HG
CRA		1	14:02	HG
LCSOUJ01HGS0		1	14:04	HG
PBSUJ01HGS0		1	14:06	HG
WU3200-001	<WFCSB-MW07-02-0904	1	14:08	HG
WU3200-002	<WFCSB-MW07-04-0904	1	14:10	HG
WU3200-003	<WFCSB-MW08-02-0904	1	14:12	HG
WU3200-004	<WFCSB-MW08-04-0904	1	14:15	HG
WU3200-005	<WFCSB-MW09-02-0904	1	14:17	HG
WU3200-006	<WFCSB-MW09-04-0904	1	14:19	HG
WU3200-007	<WFCSB-MW10-02-0904	1	14:21	HG
CCV		1	14:23	HG
CCB		1	14:25	HG
WU3200-008	<WFCSB-MW10-04-0904	1	14:27	HG
WU3200-009	<WFCSB-MW11-02-0904	1	14:29	HG
WU3200-010	<WFCSB-MW11-04-0904	1	14:31	HG
WU3200-011	<WFCSB-MW12-02-0904	1	14:34	HG
WU3200-012	<WFCSB-MW12-04-0904	1	14:36	HG
WU3200-013	KWFCSB-DUP-00-0904	1	14:38	HG
WU3200-014	KWFCSB-SS01-02-0904	1	14:40	HG
WU3200-015	KWFCSB-SS01-04-0904	1	14:42	HG
WU3200-016	KWFCSB-SS02-02-0904	1	14:44	HG
WU3200-017	KWFCSB-SS02-04-0904	1	14:46	HG
CCV		1	14:49	HG
CCB		1	14:51	HG
WU3200-017P	:WFCSB-SS02-04-0904P	1	14:53	HG
WU3200-017S	:WFCSB-SS02-04-0904S	1	14:55	HG
ZZZZZZ		1	14:57	
ZZZZZZ		1	14:59	
CCV		1	15:01	HG
CCB		1	15:03	HG

FORM XIV - IN

FIELD DUPLICATE PRECISION

ANALYTE	KWFCSB-DUP-00-0904	KWFCSB-MW07-04-0904	RPD	DIFFERENCE
Aluminum	47.1	41.6	12.40	5.5
Antimony	0.20U	0.23U	#VALUE!	#VALUE!
Arsenic	0.25U	0.33	#VALUE!	~~#VALUE!~~ 0.33
Barium	6.7	7.7	13.89	1
Beryllium	0.08U	0.11U	#VALUE!	#VALUE!
Cadmium	0.31U	0.36U	#VALUE!	#VALUE!
Calcium	284000	358000	23.05	74000
Chromium	1.7	2	16.22	0.3
Cobalt	0.10U	0.06U	#VALUE!	#VALUE!
Copper	0.8	1.1	31.58	0.3
Iron	28.2	32.5	14.17	4.3
Lead	0.66U	0.78U	#VALUE!	#VALUE!
Magnesium	904	898	0.67	6
Manganese	0.92	0.74	21.69	0.18
Mercury	0.01U	0.01U	#VALUE!	#VALUE!
Nickel	1.4U	1.5U	#VALUE!	#VALUE!
Potassium	37.7U	49.9U	#VALUE!	#VALUE!
Selenium	0.31U	0.36U	#VALUE!	#VALUE!
Silver	0.22U	0.26U	#VALUE!	#VALUE!
Sodium	1100	1420	25.40	320
Thallium	0.34U	0.42	#VALUE!	~~#VALUE!~~ 0.42
Tin	2.5U	2.8U	#VALUE!	#VALUE!
Vanadium	0.68	1.4	69.23	OK 0.72
Zinc	0.74U	1.1U	#VALUE!	#VALUE!

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**NOVEMBER 22, 2004**
FROM:	**EDWARD SEDLMYER**	**COPIES:**	**DV FILE**

SUBJECT: **ORGANIC DATA VALIDATION- VOA/SVOA/PCB**
CTO 351, NAS KEY WEST
SDG WU3256

SAMPLES: 16/Aqueous

KWFCGS-DRUM01-0904	KWFCGS-DRUM02-0904	KWFCGS-EB01-0904
KWFCGS-FB01-0904	KWFCGS-FD01-0904	KWFCGS-MW05-0904
KWFCGS-MW06-0904	KWFCGS-MW07-0904	KWFCGS-MW08-0904
KWFCGS-MW09-0904	KWFCGS-MW10-0904	KWFCGS-MW11-0904
KWFCGS-MW12-0904	KWFCGS-MW19-0904	KWFCGS-MW22-0904
TRIP BLANK		

1/Leachate

KWFCGS-DRUM-0904

OVERVIEW

The sample set for CTO 351 NAS Key West, SDG WU3256 consists of one (1) trip blank, one (1) field blank, one (1) equipment blank, one (1) leachate sample, and thirteen (13) aqueous environmental samples. The samples were analyzed for Appendix IX volatile organic compounds (VOC), Appendix IX semivolatile organic compounds (SVOA), Appendix IX pesticides (PEST), and polychlorinated biphenyls (PCBs). Sample KWFCGS-DRUM-0904 is a soil sample that was extracted by the Toxicity Characteristic Leachate Procedure (TCLP) and was analyzed for TCLP compounds only. One field duplicate was associated with this SDG: KWFCGS-FD01-0904 / KWFCGS-MW07-0904.

The samples were collected by TetraTech NUS on September 24, 25, 26, and 27, 2004 and analyzed by Katahdin Analytical Services. All analyses were conducted in accordance with Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria using SW-846 Methods 8260B, 8270C, 8081A, 8082, and TCLP 1311 analysis and reporting protocols. The data contained in this SDG were validated with regard to the following parameters:

* • Data completeness
* • Holding times
• Initial/continuing calibrations
• Laboratory method blank results
• Surrogate recoveries
• Field duplicate precision
* • Detection Limits

The symbol (*) indicates that quality control criteria were met for this parameter. Problems affecting data quality are discussed below; documentation supporting these findings is presented in Appendix C. Qualified Analytical results are presented in Appendix A. Results as reported by the laboratory are presented in Appendix B.

Volatiles

The following compounds were detected in the method blanks:

Compound	Maximum Concentration	Blank Action Level
Methylene Chloride	0.8 ug/L	8 µg/L
Toluene	0.2 ug/L	1.0 ug/L
Chlorobenzene	0.1ug/L	0.5 ug/L
Acetone	1 ug/L	10 ug/L

- Value < Reporting Limit (RL); report RL followed by a U.
- Value > RL and < Action level; report value followed by a U.

Sample aliquot and dilution factors were taken into consideration when applying the blank action levels. Positive results for toluene and acetone below the blank action level were qualified as non-detected, U.

Acetone was detected in the equipment blank and field blank at a maximum concentration of 27 ug/L. Positive acetone results greater than the blank action level and less than 10X the field blank level have been qualified as estimated (J).

The initial calibration had a relative response factor (RRF) less than the 0.05 quality control criterion for isobutyl alcohol and acetone on instrument GCMS-Z. The non-detected results for the aforementioned compounds in the associated samples have been rejected (UR).

Continuing calibration had RRFs less than the 0.05 quality control criterion for acrolein, acetone, acetonitrile, acrylonitrile, 2-butanone, isobutyl alcohol, and 1,4-dioxane on instrument GCMS-Z on 10/4/04 @08:37. The non-detected results for the aforementioned compounds in the associated samples have been rejected (UR).

Continuing calibration had a RRF less than the 0.05 quality control criterion for acrolein, acetone, acetonitrile, acrylonitrile, isobutyl alcohol, and 1,4-dioxane on instrument GCMS-Z on 10/5/04 @08:31. The non-detected results for the aforementioned compounds in the associated samples have been rejected (UR).

Continuing calibration had a RRF less than the 0.05 quality control criterion for acrolein, acetone, acetonitrile, acrylonitrile, isobutyl alcohol, and 1,4-dioxane on instrument GCMS-Z on 10/6/04 @08:30. The non-detected results for the aforementioned compounds in the associated samples have been rejected (UR). The positive results for acetone in the associated samples have been qualified as estimated (J).

Continuing calibration had a RRF less than the 0.05 quality control criterion for acrolein, acetone, acetonitrile, acrylonitrile, isobutyl alcohol, and 1,4-dioxane on instrument GCMS-Z on 10/7/04 @08:56. No action was taken on this basis because only a MSD was affected.

The sum of o-xylene and m&p-xylene does not equal the result for total xylenes because of rounding on some Form Is. Results in the database for total xylenes have been corrected to equal the sum of o,m, and p-xylenes.

Semivolatiles

Samples KSFCGS-MW05-0904, KWFCGS-MW10-0904, KWFCGS-MW12-0904, KWFCGS-FD01-0904, KWFCGS-MW07-0904, and KWFCGS-MW08-0904 had high recoveries for at least one surrogate. No action was taken on this basis.

The initial calibration and all continuing calibrations, except for the continuing calibration analyzed on 10/28/04, had a relative response factor (RRF) less than the 0.05 quality control criterion for 4-nitroquinoline-1-oxide. All non-detected results for 4-nitroquinoline-1-oxide in all samples have been rejected (UR).

The diluted analysis for sample KWFCGS-MW08-0904 had area counts less than 50% of the continuing

calibration for internal standards chrysene-d12 and perylene-d12. No action was taken on this basis because no compounds were quantitated using the aforementioned internals standards were reported.

Samples KWFCGS-MW07-0904 (5X), KSFCGS-FD01-0904 (5X), and KWFCGS-MW08-0904 (3X) were analyzed at dilutions because of concentrations greater than the linear range of the instrument for naphthalene. The diluted naphthalene results have been transposed to the undiluted results in the database.

Pesticides

The percent difference (%D) between analytical columns for the pesticide analyses exceeded 25% for positive results reported for several compounds in the following samples:

Sample Number	Compound	% Difference	Qualification
KWFCGS-MW22-0904	alpha-BHC	45.9%	J
KWFCGS-FD01-0904	alpha-BHC	36.5%	J

The positive results have been qualified as estimated, "J".

Several continuing calibrations contained %Ds that exceeded 15%. No action was taken on this basis.

PCBs

The laboratory performed PCB analysis on the soil sample KWFCGS-DRUM-0904 even though it was not specified for PCB analysis on the C.O.C. The results were archived in the database but the results were not used for validation because the analysis was not specified on the C.O.C.

Additional Comments:

Positive results less than the reporting limit (RL) were qualified as estimated "J", due to uncertainty near the detection limit.

EXECUTIVE SUMMARY

Laboratory Performance Issues: Several target compounds were detected in the method blanks. Several VOA and SVOA compounds had percent RRF noncompliances.

Other Factors Affecting Data Quality: Several samples required dilutions due to high concentrations of target compounds. Percent difference between columns exceeded criteria for alpha-BHC.

The data for these analyses were reviewed with reference to the EPA Functional Guidelines for Organic Data Validation (10/99), and the NFESC guidelines IRCDQM (Sept., 1999). The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC guidelines and the Quality Assurance Project Plan (QAPP)."

Tetra Tech NUS

Edward Sedlmyer
Chemist/Data Validator

TetraTech NUS

Joseph A. Samchuck
Data Validation Quality Assurance Officer

Attachments:

Appendix A – Qualified Analytical Results
Appendix B – Results as Reported by the Laboratory
Appendix C – Support Documentation

APPENDIX A

QUALIFIED ANALYTICAL RESULTS

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is less than sample activity

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: OV

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	2	U	
1,2-DICHLOROETHANE	3	U	
2-BUTANONE	26	U	
BENZENE	2	U	
CARBON TETRACHLORIDE	3	U	
CHLOROBENZENE	2	U	
CHLOROFORM	2	U	
TETRACHLOROETHENE	7	U	
TRICHLOROETHENE	2	U	
VINYL CHLORIDE	3	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-DRUM01-0904	nsample	KWFCGS-DRUM01-0904	nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-14	lab_id	WU3256-14	lab_id	WU3256-15
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	10	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.7	J	P
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	17	J	BC
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004
lab_id	WU3256-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.7	J	P
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.8	J	P
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.4	J	P
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.5	J	P
TOTAL XYLENES	1	J	P
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	7	J	P
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	26	J	C
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.4	J	P
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FD01-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/26/2004
lab_id	WU3256-13	lab_id	WU3256-13	lab_id	WU3256-10
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	6	J	P
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	27		
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	J	P
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	9	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-FD01-0904
samp_date	9/26/2004
lab_id	WU3256-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	150		
ISOBUTANOL	7	UR	C
M+P-XYLENES	16		
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	2	J	P
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	1	J	P
TOTAL XYLENES	18		
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	UR	C
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	3	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW07-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/26/2004
lab_id	WU3256-7	lab_id	WU3256-7	lab_id	WU3256-9
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	5	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	J	P
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	6	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.3	J	P
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW07-0904	nsample	KWFCGS-MW08-0904	nsample	KWFCGS-MW08-0904
samp_date	9/26/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-9	lab_id	WU3256-11	lab_id	WU3256-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	140		
ISOBUTANOL	7	UR	C
M+P-XYLENES	15		
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	2	J	P
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	1	J	P
TOTAL XYLENES	17		
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	5	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	J	P
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	44		
ISOBUTANOL	7	UR	C
M+P-XYLENES	8	J	P
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	2	J	P
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.9	U	A
TOTAL XYLENES	10	J	P
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW09-0904
samp_date	9/24/2004
lab_id	WU3256-3RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	3	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

nsample	KWFCGS-MW09-0904
samp_date	9/24/2004
lab_id	WU3256-3RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.6	J	P
ISOBUTANOL	7	UR	C
M+P-XYLENES	1	J	P
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.3	J	P
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	1	J	P
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

nsample	KWFCGS-MW10-0904
samp_date	9/24/2004
lab_id	WU3256-2RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	5	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.5	J	P
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW10-0904
samp_date	9/24/2004
lab_id	WU3256-2RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

nsample	KWFCGS-MW11-0904
samp_date	9/25/2004
lab_id	WU3256-5
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	2	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

nsample	KWFCGS-MW11-0904
samp_date	9/25/2004
lab_id	WU3256-5
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW19-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/25/2004
lab_id	WU3256-8	lab_id	WU3256-8	lab_id	WU3256-6
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	3	U	A
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	J	P
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	1	UR	C
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	KWFCGS-MW19-0904
samp_date	9/25/2004
lab_id	WU3256-6
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

nsample	KWFCGS-MW22-0904
samp_date	9/24/2004
lab_id	WU3256-4RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	1	U	
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.1	J	P
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

nsample	KWFCGS-MW22-0904
samp_date	9/24/2004
lab_id	WU3256-4RA
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	32		
ISOBUTANOL	7	UR	C
M+P-XYLENES	7	J	P
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.7	U	A
TOTAL XYLENES	7	J	P
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OV

nsample	TRIP BLANK	nsample	TRIP BLANK
samp_date	9/16/2004	samp_date	9/16/2004
lab_id	WU3256-17	lab_id	WU3256-17
qc_type	NM	qc_type	NM
units	UG/L	units	UG/L
Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1,1,2-TETRACHLOROETHANE	0.2	U	
1,1,1-TRICHLOROETHANE	0.2	U	
1,1,2,2-TETRACHLOROETHANE	0.2	U	
1,1,2-TRICHLOROETHANE	0.1	U	
1,1-DICHLOROETHANE	0.1	U	
1,1-DICHLOROETHENE	0.1	U	
1,2,3-TRICHLOROPROPANE	0.1	U	
1,2,4-TRICHLOROBENZENE	0.2	U	
1,2-DIBROMO-3-CHLOROPROPANE	0.4	U	
1,2-DIBROMOETHANE	0.09	U	
1,2-DICHLOROBENZENE	0.2	U	
1,2-DICHLOROETHANE	0.2	U	
1,2-DICHLOROPROPANE	0.1	U	
1,3-DICHLOROBENZENE	0.2	U	
1,4-DICHLOROBENZENE	0.2	U	
1,4-DIOXANE	3	UR	C
2-BUTANONE	1	U	
2-HEXANONE	1	U	
3-CHLOROPROPENE	0.5	U	
4-METHYL-2-PENTANONE	0.8	U	
ACETONE	1	UR	C
ACETONITRILE	8	UR	C
ACROLEIN	9	UR	C
ACRYLONITRILE	0.5	UR	C
BENZENE	0.09	U	
BROMODICHLOROMETHANE	0.09	U	
BROMOFORM	0.1	U	
BROMOMETHANE	0.6	U	
CARBON DISULFIDE	0.2	U	
CARBON TETRACHLORIDE	0.1	U	
CHLOROBENZENE	0.09	U	
CHLORODIBROMOMETHANE	0.08	U	

Parameter	Result	Val Qual	Qual Code
CHLOROETHANE	0.2	U	
CHLOROFORM	0.1	U	
CHLOROMETHANE	0.6	U	
CHLOROPRENE	0.1	U	
CIS-1,2-DICHLOROETHENE	0.09	U	
CIS-1,3-DICHLOROPROPENE	0.1	U	
DIBROMOMETHANE	0.08	U	
DICHLORODIFLUOROMETHANE	0.2	U	
ETHYL METHACRYLATE	0.2	U	
ETHYLBENZENE	0.2	U	
ISOBUTANOL	7	UR	C
M+P-XYLENES	0.3	U	
METHACRYLONITRILE	1	U	
METHYL IODIDE	0.2	U	
METHYL METHACRYLATE	0.2	U	
METHYLENE CHLORIDE	0.4	U	
O-XYLENE	0.2	U	
PENTACHLOROETHANE	0.7	U	
PROPIONITRILE	2	U	
STYRENE	0.1	U	
TETRACHLOROETHENE	0.4	U	
TOLUENE	0.2	U	
TOTAL XYLENES	0.5	U	
TRANS-1,2-DICHLOROETHENE	0.1	U	
TRANS-1,3-DICHLOROPROPENE	0.2	U	
TRANS-1,4-DICHLORO-2-BUTENE	0.2	U	
TRICHLOROETHENE	0.08	U	
TRICHLOROFLUOROMETHANE	0.2	U	
VINYL ACETATE	0.8	U	
VINYL CHLORIDE	0.2	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: OS

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DICHLOROBENZENE	50	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	50	U	
2,4-DINITROTOLUENE	50	U	
2-METHYLPHENOL	50	U	
3&4-METHYLPHENOL	100	U	
HEXACHLOROBENZENE	50	U	
HEXACHLOROBUTADIENE	50	U	
HEXACHLOROETHANE	50	U	
NITROBENZENE	50	U	
PENTACHLOROPHENOL	120	U	
PYRIDINE	250	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-DRUM01-0904
samp_date	9/27/2004
lab_id	WU3256-14RE
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	5	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	6	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

nsample	KWFCGS-DRUM01-0904
samp_date	9/27/2004
lab_id	WU3256-14RE
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	3	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	8	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

nsample	KWFCGS-DRUM01-0904
samp_date	9/27/2004
lab_id	WU3256-14RE
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	3	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	3	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-DRUM01-0904
samp_date	9/27/2004
lab_id	WU3256-14RE
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004
lab_id	WU3256-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	18			
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004
lab_id	WU3256-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004
lab_id	WU3256-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	26			
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-DRUM02-0904
samp_date	9/27/2004
lab_id	WU3256-15
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-EB01-0904
samp_date	9/27/2004
lab_id	WU3256-12
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FB01-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-13RE	lab_id	WU3256-13RE	lab_id	WU3256-13RE
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-FB01-0904
samp_date	9/27/2004
lab_id	WU3256-13RE
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-FD01-0904
samp_date	9/26/2004
lab_id	WU3256-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	140			
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

nsample	KWFCGS-FD01-0904
samp_date	9/26/2004
lab_id	WU3256-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-FD01-0904
samp_date	9/26/2004
lab_id	WU3256-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	850	L		
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-FD01-0904
samp_date	9/26/2004
lab_id	WU3256-10
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	KWFCGS-MW07-0904

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-MW05-0904
samp_date	9/24/2004
lab_id	WU3256-1
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW06-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/25/2004
lab_id	WU3256-7	lab_id	WU3256-7	lab_id	WU3256-7
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW06-0904
samp_date	9/25/2004
lab_id	WU3256-7
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW07-0904
samp_date	9/26/2004
lab_id	WU3256-9
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	110			
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

nsample	KWFCGS-MW07-0904
samp_date	9/26/2004
lab_id	WU3256-9
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW07-0904
samp_date	9/26/2004
lab_id	WU3256-9
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	710	L		
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-MW07-0904
samp_date	9/26/2004
lab_id	WU3256-9
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW08-0904
samp_date	9/27/2004
lab_id	WU3256-11
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	83			
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW08-0904	nsample	KWFCGS-MW08-0904	nsample	KWFCGS-MW08-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-11	lab_id	WU3256-11	lab_id	WU3256-11
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	320	L		
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW09-0904	nsample	KWFCGS-MW09-0904	nsample	KWFCGS-MW09-0904
samp_date	9/24/2004	samp_date	9/24/2004	samp_date	9/24/2004
lab_id	WU3256-3	lab_id	WU3256-3	lab_id	WU3256-3
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW09-0904	nsample	KWFCGS-MW10-0904	nsample	KWFCGS-MW10-0904
samp_date	9/24/2004	samp_date	9/24/2004	samp_date	9/24/2004
lab_id	WU3256-3	lab_id	WU3256-2	lab_id	WU3256-2
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW10-0904
samp_date	9/24/2004
lab_id	WU3256-2
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-MW10-0904
samp_date	9/24/2004
lab_id	WU3256-2
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW11-0904
samp_date	9/25/2004
lab_id	WU3256-5
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW11-0904	nsample	KWFCGS-MW11-0904	nsample	KWFCGS-MW11-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/25/2004
lab_id	WU3256-5	lab_id	WU3256-5	lab_id	WU3256-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW12-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/25/2004
lab_id	WU3256-8	lab_id	WU3256-8	lab_id	WU3256-8
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	5	I	J	P
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	18			
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW12-0904
samp_date	9/25/2004
lab_id	WU3256-8
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW19-0904
samp_date	9/25/2004
lab_id	WU3256-6
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	4	U	U	
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

nsample	KWFCGS-MW19-0904
samp_date	9/25/2004
lab_id	WU3256-6
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW19-0904
samp_date	9/25/2004
lab_id	WU3256-6
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	2	U	U	
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

nsample	KWFCGS-MW19-0904
samp_date	9/25/2004
lab_id	WU3256-6
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

nsample	KWFCGS-MW22-0904
samp_date	9/24/2004
lab_id	WU3256-4
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
1,2,4,5-TETRACHLOROBENZENE	5	U	U	
1,3,5-TRINITROBENZENE	5	U	U	
1,3-DINITROBENZENE	5	U	U	
1,4-NAPHTHOQUINONE	5	U	U	
1,4-PHENYLENEDIAMINE	5	U	U	
1-NAPHTHYLAMINE	5	U	U	
2,2'-OXYBIS(1-CHLOROPROPANE)	2	U	U	
2,3,4,6-TETRACHLOROPHENOL	5	U	U	
2,4,5-TRICHLOROPHENOL	7	U	U	
2,4,6-TRICHLOROPHENOL	7	U	U	
2,4-DICHLOROPHENOL	6	U	U	
2,4-DIMETHYLPHENOL	8	U	U	
2,4-DINITROPHENOL	5	U	U	
2,4-DINITROTOLUENE	4	U	U	
2,6-DICHLOROPHENOL	5	U	U	
2,6-DINITROTOLUENE	3	U	U	
2-ACETYLAMINOFLUORENE	5	U	U	
2-CHLORONAPHTHALENE	3	U	U	
2-CHLOROPHENOL	5	U	U	
2-METHYLNAPHTHALENE	52			
2-METHYLPHENOL	5	U	U	
2-NAPHTHYLAMINE	5	U	U	
2-NITROANILINE	3	U	U	
2-NITROPHENOL	5	U	U	
2-PICOLINE	5	U	U	
3,3'-DICHLOROBENZIDINE	4	U	U	
3,3'-DIMETHYLBENZIDINE	10	U	U	
3-METHYLCHOLANTHRENE	5	U	U	
3-NITROANILINE	3	U	U	
4,6-DINITRO-2-METHYLPHENOL	10	U	U	
4-AMINOBIPHENYL	5	U	U	
4-BROMOPHENYL PHENYL ETHER	4	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: OS

nsample	KWFCGS-MW22-0904	nsample	KWFCGS-MW22-0904	nsample	KWFCGS-MW22-0904
samp_date	9/24/2004	samp_date	9/24/2004	samp_date	9/24/2004
lab_id	WU3256-4	lab_id	WU3256-4	lab_id	WU3256-4
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4-CHLORO-3-METHYLPHENOL	6	U	U	
4-CHLOROANILINE	4	U	U	
4-CHLOROPHENYL PHENYL ETHER	3	U	U	
4-METHYLPHENOL	5	U	U	
4-NITROANILINE	5	U	U	
4-NITROPHENOL	5	U	U	
4-NITROQUINOLINE-1-OXIDE	10	U	UR	C
5-NITRO-O-TOLUIDINE	10	U	U	
7,12-DIMETHYLBENZ(A)ANTHRACENE	5	U	U	
A,A-DIMETHYLPHENETHYLAMINE	5	U	U	
ACENAPHTHENE	2	U	U	
ACENAPHTHYLENE	3	U	U	
ACETOPHENONE	3	U	U	
ANILINE	3	U	U	
ANTHRACENE	3	U	U	
ARAMITE	10	U	U	
BENZO(A)ANTHRACENE	3	U	U	
BENZO(A)PYRENE	2	U	U	
BENZO(B)FLUORANTHENE	2	U	U	
BENZO(G,H,I)PERYLENE	2	U	U	
BENZO(K)FLUORANTHENE	3	U	U	
BENZYL ALCOHOL	3	U	U	
BIS(2-CHLOROETHOXY)METHANE	2	U	U	
BIS(2-CHLOROETHYL)ETHER	3	U	U	
BIS(2-ETHYLHEXYL)PHTHALATE	7	U	U	
BUTYL BENZYL PHTHALATE	3	U	U	
CHLOROBENZILATE	10	U	U	
CHRYSENE	3	U	U	
DIALLATE	10	U	U	
DIBENZO(A,H)ANTHRACENE	2	U	U	
DIBENZOFURAN	3	U	U	
DIETHYL PHTHALATE	2	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
DIMETHOATE	5	U	U	
DIMETHYL PHTHALATE	3	U	U	
DI-N-BUTYL PHTHALATE	2	U	U	
DI-N-OCTYL PHTHALATE	3	U	U	
DINOSEB	2	U	U	
ETHYL METHANE SULFONATE	5	U	U	
ETHYL PARATHION	5	U	U	
FLUORANTHENE	3	U	U	
FLUORENE	2	U	U	
HEXACHLOROBENZENE	4	U	U	
HEXACHLOROBUTADIENE	4	U	U	
HEXACHLOROCYCLOPENTADIENE	2	U	U	
HEXACHLOROETHANE	2	U	U	
HEXACHLOROPHENE	5	U	U	
HEXACHLOROPROPENE	5	U	U	
INDENO(1,2,3-CD)PYRENE	2	U	U	
ISODRIN	10	U	U	
ISOPHORONE	2	U	U	
ISOSAFROLE	10	U	U	
KEPONE	5	U	U	
METHAPYRILENE	5	U	U	
METHYL METHANE SULFONATE	10	U	U	
NAPHTHALENE	140			
NITROBENZENE	2	U	U	
N-NITROSODIETHYLAMINE	10	U	U	
N-NITROSODIMETHYLAMINE	2	U	U	
N-NITROSO-DI-N-BUTYLAMINE	5	U	U	
N-NITROSO-DI-N-PROPYLAMINE	2	U	U	
N-NITROSODIPHENYLAMINE	8	U	U	
N-NITROSOMETHYLETHYLAMINE	5	U	U	
N-NITROSOMORPHOLINE	5	U	U	
N-NITROSOPIPERIDINE	5	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
N-NITROSOPYRROLIDINE	5	U	U	
O,O,O-TRIETHYL PHOSPHOROTHIOATE	10	U	U	
O-TOLUIDINE	5	U	U	
P-(DIMETHYLAMINO)AZOBENZENE	10	U	U	
PENTACHLOROBENZENE	5	U	U	
PENTACHLORONITROBENZENE	5	U	U	
PENTACHLOROPHENOL	9	U	U	
PHENACETIN	5	U	U	
PHENANTHRENE	3	U	U	
PHENOL	6	U	U	
PRONAMIDE	5	U	U	
PYRENE	4	U	U	
PYRIDINE	3	U	U	
SAFROLE	5	U	U	
SULFOTEPP	5	U	U	
THIONAZIN	10	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: TCLPP

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
CHLORDANE	0.75	U	
ENDRIN	0.09	U	
GAMMA-BHC (LINDANE)	0.11	U	
HEPTACHLOR	0.12	U	
HEPTACHLOR EPOXIDE	0.12	U	
METHOXYCHLOR	0.22	U	
TOXAPHENE	4.6	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-DRUM01-0904	nsample	KWFCGS-DRUM02-0904	nsample	KWFCGS-EB01-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-14	lab_id	WU3256-15	lab_id	WU3256-12
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0098	U	U	
4,4'-DDE	0.012	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.32	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.5	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.077	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.015	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0089	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0096	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0099	U	U	
4,4'-DDE	0.012	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.11	U	U	
AROCLOR-1221	0.32	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.11	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.078	U	U	
BETA-BHC	0.014	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.015	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.009	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0097	U	U	
GAMMA-BHC (LINDANE)	0.017	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.89	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FD01-0904	nsample	KWFCGS-MW05-0904
samp_date	9/27/2004	samp_date	9/26/2004	samp_date	9/24/2004
lab_id	WU3256-13	lab_id	WU3256-10SC	lab_id	WU3256-1
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	KWFCGS-MW07-0904	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.03	I	J	PU
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.023	I	J	P
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW07-0904	nsample	KWFCGS-MW08-0904
samp_date	9/25/2004	samp_date	9/26/2004	samp_date	9/27/2004
lab_id	WU3256-7	lab_id	WU3256-9SC	lab_id	WU3256-11SC
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.031	I	J	P
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW09-0904	nsample	KWFCGS-MW10-0904	nsample	KWFCGS-MW11-0904
samp_date	9/24/2004	samp_date	9/24/2004	samp_date	9/25/2004
lab_id	WU3256-3	lab_id	WU3256-2	lab_id	WU3256-5
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0099	U	U	
4,4'-DDE	0.012	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.11	U	U	
AROCLOR-1221	0.32	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.11	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.078	U	U	
BETA-BHC	0.014	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.015	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.009	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0097	U	U	
GAMMA-BHC (LINDANE)	0.017	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.89	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: PEST/PCB

nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW19-0904	nsample	KWFCGS-MW22-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/24/2004
lab_id	WU3256-8	lab_id	WU3256-6	lab_id	WU3256-4SC
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.27	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0096	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.018	U	U	
AROCLOR-1016	0.1	U	U	
AROCLOR-1221	0.31	U	U	
AROCLOR-1232	0.26	U	U	
AROCLOR-1242	0.21	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.075	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.012	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0094	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.022	U	U	
TOXAPHENE	0.87	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
4,4'-DDD	0.0097	U	U	
4,4'-DDE	0.011	U	U	
4,4'-DDT	0.016	U	U	
ALDRIN	0.02	U	U	
ALPHA-BHC	0.037	I	J	PU
AROCLOR-1016	0.5	U	U	
AROCLOR-1221	0.5	U	U	
AROCLOR-1232	0.5	U	U	
AROCLOR-1242	0.5	U	U	
AROCLOR-1248	0.1	U	U	
AROCLOR-1254	0.17	U	U	
AROCLOR-1260	0.076	U	U	
BETA-BHC	0.013	U	U	
CHLORDANE	0.14	U	U	
DELTA-BHC	0.014	U	U	
DIELDRIN	0.013	U	U	
ENDOSULFAN I	0.013	U	U	
ENDOSULFAN II	0.0088	U	U	
ENDOSULFAN SULFATE	0.024	U	U	
ENDRIN	0.012	U	U	
ENDRIN ALDEHYDE	0.0095	U	U	
GAMMA-BHC (LINDANE)	0.016	U	U	
HEPTACHLOR	0.02	U	U	
HEPTACHLOR EPOXIDE	0.017	U	U	
METHOXYCHLOR	0.023	U	U	
TOXAPHENE	0.88	U	U	

APPENDIX B

RESULTS AS REPORTED BY THE LABORATORY

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-16
Client ID: KWFCGS-DRUM-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
71-43-2	Benzene	U	2	20	5	100	2
56-23-5	Carbon Tetrachloride	U	3	20	5	100	3
108-90-7	Chlorobenzene	U	2	20	5	100	2
67-66-3	Chloroform	U	2	20	5	100	2
107-06-2	1,2-Dichloroethane	U	3	20	5	100	3
75-35-4	1,1-Dichloroethene	U	2	20	5	100	2
78-93-3	2-Butanone	U	26	20	15	300	26
127-18-4	Tetrachloroethene	U	7	20	5	100	7
79-01-6	Trichloroethene	U	2	20	5	100	2
75-01-4	Vinyl chloride	U	3	20	5	100	3
1868-53-7	Dibromofluoromethane		115%				
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	I	0.7	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	V	10	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		112%				
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	V	17	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	0.5	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.7	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	1	1.0	15	15	0.5
	m+p-Xylenes	I	0.8	1.0	10	10	0.3
95-47-6	o-Xylene	I	0.4	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	V	26	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	I	7	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.4	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	V	27	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	I	6	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		112%				
460-00-4	P-Bromofluorobenzene		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	IV	9	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	1	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene		150	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)		18	1.0	15	15	0.5
	m+p-Xylenes		16	1.0	10	10	0.3
95-47-6	o-Xylene	I	2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		116%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/04/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10479
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	3	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/04/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10479
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		118%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		113%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	5	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		108%				
460-00-4	P-Bromofluorobenzene		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	I	0.3	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	IV	6	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	1	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene		140	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)		17	1.0	15	15	0.5
	m+p-Xylenes		15	1.0	10	10	0.3
95-47-6	o-Xylene	I	2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		114%				
460-00-4	P-Bromofluorobenzene		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	I	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	IV	5	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	0.9	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene		44	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	9	1.0	15	15	0.5
	m+p-Xylenes	I	8	1.0	10	10	0.3
95-47-6	o-Xylene	I	2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		113%				
460-00-4	P-Bromofluorobenzene		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3RA
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	3	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3RA
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	I	0.6	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	2	1.0	15	15	0.5
	m+p-Xylenes	I	1	1.0	10	10	0.3
95-47-6	o-Xylene	I	0.3	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		112%				
460-00-4	P-Bromofluorobenzene		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2RA
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	I	0.5	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	5	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2RA
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		112%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	2	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		110%				
460-00-4	P-Bromofluorobenzene		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	I	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	3	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		113%				
460-00-4	P-Bromofluorobenzene		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		111%				
460-00-4	P-Bromofluorobenzene		107%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4RA
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	I	0.1	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	0.7	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/20/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4RA
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene		32	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	I	7	1.0	15	15	0.5
	m+p-Xylenes	I	7	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		116%				
460-00-4	P-Bromofluorobenzene		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/16/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-17
Client ID: TRIP BLANK
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date: 09/16/04
Received Date: 09/28/04
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-17
Client ID: TRIP BLANK
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		110%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		114%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14RE
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	5	1.0	10	10	5
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	3	1.0	10	10	3
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14RE
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14RE
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		39%				
4165-60-0	Nitrobenzene-D5		86%				
321-60-8	2-Fluorobiphenyl		108%				
118-79-6	2,4,6-Tribromophenol		107%				
1718-51-0	Terphenyl-D14		116%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		26	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		18	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		71%				
13127-88-3	Phenol-D6		45%				
4165-60-0	Nitrobenzene-D5		90%				
321-60-8	2-Fluorobiphenyl		112%				
118-79-6	2,4,6-Tribromophenol		115%				
1718-51-0	Terphenyl-D14		139%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
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Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		41%				
4165-60-0	Nitrobenzene-D5		87%				
321-60-8	2-Fluorobiphenyl		109%				
118-79-6	2,4,6-Tribromophenol		110%				
1718-51-0	Terphenyl-D14		120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13RE
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13RE
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
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Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13RE
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		55%				
13127-88-3	Phenol-D6		33%				
4165-60-0	Nitrobenzene-D5		71%				
321-60-8	2-Fluorobiphenyl		94%				
118-79-6	2,4,6-Tribromophenol		102%				
1718-51-0	Terphenyl-D14		135%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	560	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		140	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

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Project: CTO351 NAS KEY WEST
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		75%				
13127-88-3	Phenol-D6		47%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		J119%				
118-79-6	2,4,6-Tribromophenol		129%				
1718-51-0	Terphenyl-D14		125%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10DL
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	24	5.0	10	48	24
110-86-1	Pyridine	U	13	5.0	50	240	13
62-75-9	N-Nitrosodimethylamine	U	12	5.0	20	96	12
62-53-3	Aniline	U	16	5.0	10	48	16
108-95-2	Phenol	U	28	5.0	10	48	28
111-44-4	Bis(2-Chloroethyl)ether	U	14	5.0	10	48	14
95-57-8	2-Chlorophenol	U	25	5.0	10	48	25
100-51-6	Benzyl alcohol	U	14	5.0	20	96	14
108-60-1	Bis(2-Chloroisopropyl)ether	U	10	5.0	10	48	10
95-48-7	2-Methylphenol	U	25	5.0	10	48	25
67-72-1	Hexachloroethane	U	11	5.0	10	48	11
621-64-7	N-Nitroso-di-n-propylamine	U	12	5.0	10	48	12
106-44-5	3&4-Methylphenol	U	24	5.0	10	48	24
98-95-3	Nitrobenzene	U	13	5.0	10	48	13
78-59-1	Isophorone	U	12	5.0	10	48	12
88-75-5	2-Nitrophenol	U	27	5.0	10	48	27
105-67-9	2,4-Dimethyphenol	U	38	5.0	10	48	38
111-91-1	Bis(2-Chloroethoxy)methane	U	13	5.0	10	48	13
120-83-2	2,4-Dichlorophenol	U	30	5.0	10	48	30
91-20-3	Naphthalene		850	5.0	10	48	13
106-47-8	4-Chloroaniline	U	18	5.0	10	48	18
87-68-3	Hexachlorobutadiene	U	20	5.0	10	48	20
59-50-7	4-Chloro-3-Methylphenol	U	28	5.0	10	48	28
91-57-6	2-Methylnaphthalene		200	5.0	10	48	23
77-47-4	Hexachlorocyclopentadiene	U	10	5.0	10	48	10
88-06-2	2,4,6-Trichlorophenol	U	37	5.0	10	48	37
95-95-4	2,4,5-Trichlorophenol	U	36	5.0	25	120	36
91-58-7	2-Chloronaphthalene	U	14	5.0	10	48	14
88-74-4	2-Nitroaniline	U	16	5.0	25	120	16
208-96-8	Acenaphthylene	U	14	5.0	10	48	14
131-11-3	Dimethyl Phthalate	U	16	5.0	10	48	16
606-20-2	2,6-Dinitrotoluene	U	13	5.0	10	48	13
83-32-9	Acenaphthene	U	12	5.0	10	48	12
99-09-2	3-Nitroaniline	U	15	5.0	25	120	15
51-28-5	2,4-Dinitrophenol	U	25	5.0	25	120	25
132-64-9	Dibenzofuran	U	17	5.0	10	48	17
100-02-7	4-Nitrophenol	U	27	5.0	25	120	27
121-14-2	2,4-Dinitrotoluene	U	19	5.0	10	48	19
86-73-7	Fluorene	U	13	5.0	10	48	13
84-66-2	Diethylphthalate	U	11	5.0	10	48	11
7005-72-3	4-Chlorophenyl-phenylether	U	16	5.0	10	48	16
100-01-6	4-Nitroaniline	U	25	5.0	25	120	25
534-52-1	4,6-Dinitro-2-Methylphenol	U	48	5.0	25	120	48

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10DL
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	41	5.0	10	48	41
101-55-3	4-Bromophenyl-phenylether	U	22	5.0	10	48	22
118-74-1	Hexachlorobenzene	U	19	5.0	10	48	19
87-86-5	Pentachlorophenol	U	45	5.0	25	120	45
85-01-8	Phenanthrene	U	15	5.0	10	48	15
120-12-7	Anthracene	U	16	5.0	10	48	16
84-74-2	Di-n-butylphthalate	U	11	5.0	10	48	11
206-44-0	Fluoranthene	U	14	5.0	10	48	14
129-00-0	Pyrene	U	20	5.0	10	48	20
85-68-7	Butylbenzylphthalate	U	16	5.0	10	48	16
56-55-3	Benzo(a)anthracene	U	14	5.0	10	48	14
218-01-9	Chrysene	U	16	5.0	10	48	16
91-94-1	3,3'-Dichlorobenzidine	U	18	5.0	10	48	18
117-81-7	bis(2-Ethylhexyl)phthalate	U	37	5.0	10	48	37
117-84-0	Di-n-octylphthalate	U	16	5.0	10	48	16
205-99-2	Benzo(b)fluoranthene	U	11	5.0	10	48	11
207-08-9	Benzo(k)fluoranthene	U	14	5.0	10	48	14
50-32-8	Benzo(a)pyrene	U	12	5.0	10	48	12
193-39-5	Indeno(1,2,3-cd)pyrene	U	12	5.0	10	48	12
53-70-3	Dibenzo(a,h)anthracene	U	12	5.0	10	48	12
191-24-2	Benzo(g,h,i)perylene	U	11	5.0	10	48	11
10595-95-6	N-Nitrosomethylethylamine	U	24	5.0	10	48	24
66-27-3	Methyl Methanesulfonate	U	48	5.0	20	96	48
55-18-5	N-Nitrosodiethylamine	U	48	5.0	20	96	48
62-50-0	Ethyl Methanesulfonate	U	24	5.0	10	48	24
930-55-2	N-Nitrosopyrrolidine	U	24	5.0	10	48	24
59-89-2	N-Nitrosomorpholine	U	24	5.0	10	48	24
95-53-4	o-Toluidine	U	24	5.0	10	48	24
98-86-2	Acetophenone	U	14	5.0	10	48	14
100-75-4	N-Nitrosopiperidine	U	24	5.0	10	48	24
126-68-1	O,O,O-Triethylphosphorothioat	U	48	5.0	20	96	48
87-65-0	2,6-Dichlorophenol	U	24	5.0	10	48	24
1888-71-7	Hexachloropropene	U	24	5.0	10	48	24
122-09-8	A,A-Dimethylphenethylamine	U	24	5.0	10	48	24
924-16-3	N-Nitroso-Di-N-Butylamine	U	24	5.0	10	48	24
120-58-1	Isosafrole	U	48	5.0	20	96	48
106-50-3	p-Phenylenediamine	U	24	5.0	10	48	24
95-94-3	1,2,4,5-Tetrachlorobenzene	U	24	5.0	10	48	24
94-59-7	Safrole	U	24	5.0	10	48	24
130-15-4	1,4-Naphthoquinone	U	24	5.0	10	48	24
99-65-0	1,3-Dinitrobenzene	U	24	5.0	10	48	24
608-93-5	Pentachlorobenzene	U	24	5.0	10	48	24
91-59-8	2-Naphthylamine	U	24	5.0	10	48	24

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
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Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10DL
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	24	5.0	10	48	24
58-90-2	2,3,4,6-Tetrachlorophenol	U	24	5.0	10	48	24
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	48	5.0	20	96	48
99-55-8	5-Nitro-O-Toluidine	U	48	5.0	20	96	48
3689-24-5	Sulfotepp	U	24	5.0	10	48	24
99-35-4	1,3,5-Trinitrobenzene	U	24	5.0	10	48	24
2303-16-4	Diallate	U	48	5.0	20	96	48
62-44-2	Phenacetin	U	24	5.0	10	48	24
60-51-5	Dimethoate	U	24	5.0	10	48	24
92-67-1	4-Aminobiphenyl	U	24	5.0	10	48	24
82-68-8	Pentachloronitrobenzene	U	24	5.0	10	48	24
23950-58-5	Pronamide	U	24	5.0	10	48	24
56-57-5	4-Nitroquinoline-1-Oxide	U	48	5.0	20	96	48
91-80-5	Methapyrilene	U	24	5.0	10	48	24
465-73-6	Isodrin	U	48	5.0	20	96	48
140-57-8	Aramite	U	48	5.0	20	96	48
60-11-7	p-Dimethylaminoazobenzene	U	48	5.0	20	96	48
510-15-6	Chlorobenzilate	U	48	5.0	20	96	48
143-50-0	Kepone	U	24	5.0	10	48	24
119-93-7	3,3'-Dimethylbenzidine	U	48	5.0	20	96	48
53-96-3	2-Acetylaminofluorene	U	24	5.0	10	48	24
56-49-5	3-Methylcholanthrene	U	24	5.0	10	48	24
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	24	5.0	10	48	24
70-30-4	Hexachlorophene	U	24	5.0	10	48	24
56-38-2	Parathion	U	24	5.0	10	48	24
88-85-7	Dinoseb	U	12	5.0	5	24	12
367-12-4	2-Fluorophenol		79%				
13127-88-3	Phenol-D6		49%				
4165-60-0	Nitrobenzene-D5		106%				
321-60-8	2-Fluorobiphenyl		J149%				
118-79-6	2,4,6-Tribromophenol		J162%				
1718-51-0	Terphenyl-D14		156%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		67%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		91%				
321-60-8	2-Fluorobiphenyl		J116%				
118-79-6	2,4,6-Tribromophenol		115%				
1718-51-0	Terphenyl-D14		158%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		60%				
13127-88-3	Phenol-D6		36%				
4165-60-0	Nitrobenzene-D5		74%				
321-60-8	2-Fluorobiphenyl		101%				
118-79-6	2,4,6-Tribromophenol		105%				
1718-51-0	Terphenyl-D14		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	480	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		110	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		63%				
13127-88-3	Phenol-D6		39%				
4165-60-0	Nitrobenzene-D5		73%				
321-60-8	2-Fluorobiphenyl		102%				
118-79-6	2,4,6-Tribromophenol		118%				
1718-51-0	Terphenyl-D14		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9DL
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	24	5.0	10	48	24
110-86-1	Pyridine	U	13	5.0	50	240	13
62-75-9	N-Nitrosodimethylamine	U	12	5.0	20	96	12
62-53-3	Aniline	U	16	5.0	10	48	16
108-95-2	Phenol	U	28	5.0	10	48	28
111-44-4	Bis(2-Chloroethyl)ether	U	14	5.0	10	48	14
95-57-8	2-Chlorophenol	U	25	5.0	10	48	25
100-51-6	Benzyl alcohol	U	14	5.0	20	96	14
108-60-1	Bis(2-Chloroisopropyl)ether	U	10	5.0	10	48	10
95-48-7	2-Methylphenol	U	25	5.0	10	48	25
67-72-1	Hexachloroethane	U	11	5.0	10	48	11
621-64-7	N-Nitroso-di-n-propylamine	U	12	5.0	10	48	12
106-44-5	3&4-Methylphenol	U	24	5.0	10	48	24
98-95-3	Nitrobenzene	U	13	5.0	10	48	13
78-59-1	Isophorone	U	12	5.0	10	48	12
88-75-5	2-Nitrophenol	U	27	5.0	10	48	27
105-67-9	2,4-Dimethyphenol	U	38	5.0	10	48	38
111-91-1	Bis(2-Chloroethoxy)methane	U	13	5.0	10	48	13
120-83-2	2,4-Dichlorophenol	U	30	5.0	10	48	30
91-20-3	Naphthalene		710	5.0	10	48	13
106-47-8	4-Chloroaniline	U	18	5.0	10	48	18
87-68-3	Hexachlorobutadiene	U	20	5.0	10	48	20
59-50-7	4-Chloro-3-Methylphenol	U	28	5.0	10	48	28
91-57-6	2-Methylnaphthalene		160	5.0	10	48	23
77-47-4	Hexachlorocyclopentadiene	U	10	5.0	10	48	10
88-06-2	2,4,6-Trichlorophenol	U	37	5.0	10	48	37
95-95-4	2,4,5-Trichlorophenol	U	36	5.0	25	120	36
91-58-7	2-Chloronaphthalene	U	14	5.0	10	48	14
88-74-4	2-Nitroaniline	U	16	5.0	25	120	16
208-96-8	Acenaphthylene	U	14	5.0	10	48	14
131-11-3	Dimethyl Phthalate	U	16	5.0	10	48	16
606-20-2	2,6-Dinitrotoluene	U	13	5.0	10	48	13
83-32-9	Acenaphthene	U	12	5.0	10	48	12
99-09-2	3-Nitroaniline	U	15	5.0	25	120	15
51-28-5	2,4-Dinitrophenol	U	25	5.0	25	120	25
132-64-9	Dibenzofuran	U	17	5.0	10	48	17
100-02-7	4-Nitrophenol	U	27	5.0	25	120	27
121-14-2	2,4-Dinitrotoluene	U	19	5.0	10	48	19
86-73-7	Fluorene	U	13	5.0	10	48	13
84-66-2	Diethylphthalate	U	11	5.0	10	48	11
7005-72-3	4-Chlorophenyl-phenylether	U	16	5.0	10	48	16
100-01-6	4-Nitroaniline	U	25	5.0	25	120	25
534-52-1	4,6-Dinitro-2-Methylphenol	U	48	5.0	25	120	48

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9DL
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	41	5.0	10	48	41
101-55-3	4-Bromophenyl-phenylether	U	22	5.0	10	48	22
118-74-1	Hexachlorobenzene	U	19	5.0	10	48	19
87-86-5	Pentachlorophenol	U	45	5.0	25	120	45
85-01-8	Phenanthrene	U	15	5.0	10	48	15
120-12-7	Anthracene	U	16	5.0	10	48	16
84-74-2	Di-n-butylphthalate	U	11	5.0	10	48	11
206-44-0	Fluoranthene	U	14	5.0	10	48	14
129-00-0	Pyrene	U	20	5.0	10	48	20
85-68-7	Butylbenzylphthalate	U	16	5.0	10	48	16
56-55-3	Benzo(a)anthracene	U	14	5.0	10	48	14
218-01-9	Chrysene	U	16	5.0	10	48	16
91-94-1	3,3'-Dichlorobenzidine	U	18	5.0	10	48	18
117-81-7	bis(2-Ethylhexyl)phthalate	U	37	5.0	10	48	37
117-84-0	Di-n-octylphthalate	U	16	5.0	10	48	16
205-99-2	Benzo(b)fluoranthene	U	11	5.0	10	48	11
207-08-9	Benzo(k)fluoranthene	U	14	5.0	10	48	14
50-32-8	Benzo(a)pyrene	U	12	5.0	10	48	12
193-39-5	Indeno(1,2,3-cd)pyrene	U	12	5.0	10	48	12
53-70-3	Dibenzo(a,h)anthracene	U	12	5.0	10	48	12
191-24-2	Benzo(g,h,i)perylene	U	11	5.0	10	48	11
10595-95-6	N-Nitrosomethylethylamine	U	24	5.0	10	48	24
66-27-3	Methyl Methanesulfonate	U	48	5.0	20	96	48
55-18-5	N-Nitrosodiethylamine	U	48	5.0	20	96	48
62-50-0	Ethyl Methanesulfonate	U	24	5.0	10	48	24
930-55-2	N-Nitrosopyrrolidine	U	24	5.0	10	48	24
59-89-2	N-Nitrosomorpholine	U	24	5.0	10	48	24
95-53-4	o-Toluidine	U	24	5.0	10	48	24
98-86-2	Acetophenone	U	14	5.0	10	48	14
100-75-4	N-Nitrosopiperidine	U	24	5.0	10	48	24
126-68-1	O,O,O-Triethylphosphorothioat	U	48	5.0	20	96	48
87-65-0	2,6-Dichlorophenol	U	24	5.0	10	48	24
1888-71-7	Hexachloropropene	U	24	5.0	10	48	24
122-09-8	A,A-Dimethylphenethylamine	U	24	5.0	10	48	24
924-16-3	N-Nitroso-Di-N-Butylamine	U	24	5.0	10	48	24
120-58-1	Isosafrole	U	48	5.0	20	96	48
106-50-3	p-Phenylenediamine	U	24	5.0	10	48	24
95-94-3	1,2,4,5-Tetrachlorobenzene	U	24	5.0	10	48	24
94-59-7	Safrole	U	24	5.0	10	48	24
130-15-4	1,4-Naphthoquinone	U	24	5.0	10	48	24
99-65-0	1,3-Dinitrobenzene	U	24	5.0	10	48	24
608-93-5	Pentachlorobenzene	U	24	5.0	10	48	24
91-59-8	2-Naphthylamine	U	24	5.0	10	48	24

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
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Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9DL
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	24	5.0	10	48	24
58-90-2	2,3,4,6-Tetrachlorophenol	U	24	5.0	10	48	24
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	48	5.0	20	96	48
99-55-8	5-Nitro-O-Toluidine	U	48	5.0	20	96	48
3689-24-5	Sulfotepp	U	24	5.0	10	48	24
99-35-4	1,3,5-Trinitrobenzene	U	24	5.0	10	48	24
2303-16-4	Diallate	U	48	5.0	20	96	48
62-44-2	Phenacetin	U	24	5.0	10	48	24
60-51-5	Dimethoate	U	24	5.0	10	48	24
92-67-1	4-Aminobiphenyl	U	24	5.0	10	48	24
82-68-8	Pentachloronitrobenzene	U	24	5.0	10	48	24
23950-58-5	Pronamide	U	24	5.0	10	48	24
56-57-5	4-Nitroquinoline-1-Oxide	U	48	5.0	20	96	48
91-80-5	Methapyrilene	U	24	5.0	10	48	24
465-73-6	Isodrin	U	48	5.0	20	96	48
140-57-8	Aramite	U	48	5.0	20	96	48
60-11-7	p-Dimethylaminoazobenzene	U	48	5.0	20	96	48
510-15-6	Chlorobenzilate	U	48	5.0	20	96	48
143-50-0	Kepone	U	24	5.0	10	48	24
119-93-7	3,3'-Dimethylbenzidine	U	48	5.0	20	96	48
53-96-3	2-Acetylaminofluorene	U	24	5.0	10	48	24
56-49-5	3-Methylcholanthrene	U	24	5.0	10	48	24
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	24	5.0	10	48	24
70-30-4	Hexachlorophene	U	24	5.0	10	48	24
56-38-2	Parathion	U	24	5.0	10	48	24
88-85-7	Dinoseb	U	12	5.0	5	24	12
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		41%				
4165-60-0	Nitrobenzene-D5		88%				
321-60-8	2-Fluorobiphenyl		J124%				
118-79-6	2,4,6-Tribromophenol		138%				
1718-51-0	Terphenyl-D14		152%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	L	190	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		83	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
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Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		71%				
13127-88-3	Phenol-D6		44%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		111%				
118-79-6	2,4,6-Tribromophenol		118%				
1718-51-0	Terphenyl-D14		119%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11DL
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	14	3.0	10	29	14
110-86-1	Pyridine	U	8	3.0	50	140	8
62-75-9	N-Nitrosodimethylamine	U	7	3.0	20	58	7
62-53-3	Aniline	U	10	3.0	10	29	10
108-95-2	Phenol	U	17	3.0	10	29	17
111-44-4	Bis(2-Chloroethyl)ether	U	8	3.0	10	29	8
95-57-8	2-Chlorophenol	U	15	3.0	10	29	15
100-51-6	Benzyl alcohol	U	8	3.0	20	58	8
108-60-1	Bis(2-Chloroisopropyl)ether	U	6	3.0	10	29	6
95-48-7	2-Methylphenol	U	15	3.0	10	29	15
67-72-1	Hexachloroethane	U	7	3.0	10	29	7
621-64-7	N-Nitroso-di-n-propylamine	U	7	3.0	10	29	7
106-44-5	3&4-Methylphenol	U	14	3.0	10	29	14
98-95-3	Nitrobenzene	U	8	3.0	10	29	8
78-59-1	Isophorone	U	7	3.0	10	29	7
88-75-5	2-Nitrophenol	U	16	3.0	10	29	16
105-67-9	2,4-Dimethyphenol	U	23	3.0	10	29	23
111-91-1	Bis(2-Chloroethoxy)methane	U	8	3.0	10	29	8
120-83-2	2,4-Dichlorophenol	U	18	3.0	10	29	18
91-20-3	Naphthalene		320	3.0	10	29	8
106-47-8	4-Chloroaniline	U	11	3.0	10	29	11
87-68-3	Hexachlorobutadiene	U	12	3.0	10	29	12
59-50-7	4-Chloro-3-Methylphenol	U	17	3.0	10	29	17
91-57-6	2-Methylnaphthalene		120	3.0	10	29	14
77-47-4	Hexachlorocyclopentadiene	U	6	3.0	10	29	6
88-06-2	2,4,6-Trichlorophenol	U	22	3.0	10	29	22
95-95-4	2,4,5-Trichlorophenol	U	22	3.0	25	72	22
91-58-7	2-Chloronaphthalene	U	8	3.0	10	29	8
88-74-4	2-Nitroaniline	U	9	3.0	25	72	9
208-96-8	Acenaphthylene	U	8	3.0	10	29	8
131-11-3	Dimethyl Phthalate	U	10	3.0	10	29	10
606-20-2	2,6-Dinitrotoluene	U	8	3.0	10	29	8
83-32-9	Acenaphthene	U	7	3.0	10	29	7
99-09-2	3-Nitroaniline	U	9	3.0	25	72	9
51-28-5	2,4-Dinitrophenol	U	15	3.0	25	72	15
132-64-9	Dibenzofuran	U	10	3.0	10	29	10
100-02-7	4-Nitrophenol	U	16	3.0	25	72	16
121-14-2	2,4-Dinitrotoluene	U	11	3.0	10	29	11
86-73-7	Fluorene	U	8	3.0	10	29	8
84-66-2	Diethylphthalate	U	6	3.0	10	29	6
7005-72-3	4-Chlorophenyl-phenylether	U	10	3.0	10	29	10
100-01-6	4-Nitroaniline	U	15	3.0	25	72	15
534-52-1	4,6-Dinitro-2-Methylphenol	U	29	3.0	25	72	29

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11DL
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	24	3.0	10	29	24
101-55-3	4-Bromophenyl-phenylether	U	13	3.0	10	29	13
118-74-1	Hexachlorobenzene	U	11	3.0	10	29	11
87-86-5	Pentachlorophenol	U	27	3.0	25	72	27
85-01-8	Phenanthrene	U	9	3.0	10	29	9
120-12-7	Anthracene	U	10	3.0	10	29	10
84-74-2	Di-n-butylphthalate	U	7	3.0	10	29	7
206-44-0	Fluoranthene	U	8	3.0	10	29	8
129-00-0	Pyrene	U	12	3.0	10	29	12
85-68-7	Butylbenzylphthalate	U	9	3.0	10	29	9
56-55-3	Benzo(a)anthracene	U	8	3.0	10	29	8
218-01-9	Chrysene	U	10	3.0	10	29	10
91-94-1	3,3'-Dichlorobenzidine	U	11	3.0	10	29	11
117-81-7	bis(2-Ethylhexyl)phthalate	U	22	3.0	10	29	22
117-84-0	Di-n-octylphthalate	U	10	3.0	10	29	10
205-99-2	Benzo(b)fluoranthene	U	7	3.0	10	29	7
207-08-9	Benzo(k)fluoranthene	U	8	3.0	10	29	8
50-32-8	Benzo(a)pyrene	U	7	3.0	10	29	7
193-39-5	Indeno(1,2,3-cd)pyrene	U	7	3.0	10	29	7
53-70-3	Dibenzo(a,h)anthracene	U	7	3.0	10	29	7
191-24-2	Benzo(g,h,i)perylene	U	7	3.0	10	29	7
10595-95-6	N-Nitrosomethylethylamine	U	14	3.0	10	29	14
66-27-3	Methyl Methanesulfonate	U	29	3.0	20	58	29
55-18-5	N-Nitrosodiethylamine	U	29	3.0	20	58	29
62-50-0	Ethyl Methanesulfonate	U	14	3.0	10	29	14
930-55-2	N-Nitrosopyrrolidine	U	14	3.0	10	29	14
59-89-2	N-Nitrosomorpholine	U	14	3.0	10	29	14
95-53-4	o-Toluidine	U	14	3.0	10	29	14
98-86-2	Acetophenone	U	8	3.0	10	29	8
100-75-4	N-Nitrosopiperidine	U	14	3.0	10	29	14
126-68-1	O,O,O-Triethylphosphorothioat	U	29	3.0	20	58	29
87-65-0	2,6-Dichlorophenol	U	14	3.0	10	29	14
1888-71-7	Hexachloropropene	U	14	3.0	10	29	14
122-09-8	A,A-Dimethylphenethylamine	U	14	3.0	10	29	14
924-16-3	N-Nitroso-Di-N-Butylamine	U	14	3.0	10	29	14
120-58-1	Isosafrole	U	29	3.0	20	58	29
106-50-3	p-Phenylenediamine	U	14	3.0	10	29	14
95-94-3	1,2,4,5-Tetrachlorobenzene	U	14	3.0	10	29	14
94-59-7	Safrole	U	14	3.0	10	29	14
130-15-4	1,4-Naphthoquinone	U	14	3.0	10	29	14
99-65-0	1,3-Dinitrobenzene	U	14	3.0	10	29	14
608-93-5	Pentachlorobenzene	U	14	3.0	10	29	14
91-59-8	2-Naphthylamine	U	14	3.0	10	29	14

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
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Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11DL
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	14	3.0	10	29	14
58-90-2	2,3,4,6-Tetrachlorophenol	U	14	3.0	10	29	14
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	29	3.0	20	58	29
99-55-8	5-Nitro-O-Toluidine	U	29	3.0	20	58	29
3689-24-5	Sulfotepp	U	14	3.0	10	29	14
99-35-4	1,3,5-Trinitrobenzene	U	14	3.0	10	29	14
2303-16-4	Diallate	U	29	3.0	20	58	29
62-44-2	Phenacetin	U	14	3.0	10	29	14
60-51-5	Dimethoate	U	14	3.0	10	29	14
92-67-1	4-Aminobiphenyl	U	14	3.0	10	29	14
82-68-8	Pentachloronitrobenzene	U	14	3.0	10	29	14
23950-58-5	Pronamide	U	14	3.0	10	29	14
56-57-5	4-Nitroquinoline-1-Oxide	U	29	3.0	20	58	29
91-80-5	Methapyrilene	U	14	3.0	10	29	14
465-73-6	Isodrin	U	29	3.0	20	58	29
140-57-8	Aramite	U	29	3.0	20	58	29
60-11-7	p-Dimethylaminoazobenzene	U	29	3.0	20	58	29
510-15-6	Chlorobenzilate	U	29	3.0	20	58	29
143-50-0	Kepone	U	14	3.0	10	29	14
119-93-7	3,3'-Dimethylbenzidine	U	29	3.0	20	58	29
53-96-3	2-Acetylaminofluorene	U	14	3.0	10	29	14
56-49-5	3-Methylcholanthrene	U	14	3.0	10	29	14
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	14	3.0	10	29	14
70-30-4	Hexachlorophene	U	14	3.0	10	29	14
56-38-2	Parathion	U	14	3.0	10	29	14
88-85-7	Dinoseb	U	7	3.0	5	14	7
367-12-4	2-Fluorophenol		76%				
13127-88-3	Phenol-D6		46%				
4165-60-0	Nitrobenzene-D5		103%				
321-60-8	2-Fluorobiphenyl		J134%				
118-79-6	2,4,6-Tribromophenol		J153%				
1718-51-0	Terphenyl-D14		J182%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		43%				
4165-60-0	Nitrobenzene-D5		86%				
321-60-8	2-Fluorobiphenyl		112%				
118-79-6	2,4,6-Tribromophenol		118%				
1718-51-0	Terphenyl-D14		129%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		72%				
13127-88-3	Phenol-D6		44%				
4165-60-0	Nitrobenzene-D5		93%				
321-60-8	2-Fluorobiphenyl		J115%				
118-79-6	2,4,6-Tribromophenol		124%				
1718-51-0	Terphenyl-D14		150%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		68%				
13127-88-3	Phenol-D6		42%				
4165-60-0	Nitrobenzene-D5		85%				
321-60-8	2-Fluorobiphenyl		110%				
118-79-6	2,4,6-Tribromophenol		118%				
1718-51-0	Terphenyl-D14		114%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		18	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	I	5	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		70%				
13127-88-3	Phenol-D6		42%				
4165-60-0	Nitrobenzene-D5		89%				
321-60-8	2-Fluorobiphenyl		J116%				
118-79-6	2,4,6-Tribromophenol		115%				
1718-51-0	Terphenyl-D14		119%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	2	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	4	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		61%				
13127-88-3	Phenol-D6		35%				
4165-60-0	Nitrobenzene-D5		80%				
321-60-8	2-Fluorobiphenyl		108%				
118-79-6	2,4,6-Tribromophenol		112%				
1718-51-0	Terphenyl-D14		150%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	2	1.0	10	10	2
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	5	1.0	10	10	5
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	2	1.0	10	10	2
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene		140	1.0	10	10	2
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene		52	1.0	10	10	4
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	7	1.0	10	10	7
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	3	1.0	10	10	3
100-02-7	4-Nitrophenol	U	5	1.0	25	25	5
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	2	1.0	10	10	2
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	4	1.0	10	10	4
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	7	1.0	10	10	7
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
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Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		52%				
13127-88-3	Phenol-D6		33%				
4165-60-0	Nitrobenzene-D5		64%				
321-60-8	2-Fluorobiphenyl		86%				
118-79-6	2,4,6-Tribromophenol		115%				
1718-51-0	Terphenyl-D14		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/05/04
Analysis Date: 10/08/04
Report Date: 10/11/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-16
Client ID: KWFCGS-DRUM-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10548
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
110-86-1	Pyridine	U	250	1.0	250	250	3
106-46-7	1,4-Dichlorobenzene	U	50	1.0	50	50	3
95-48-7	2-Methylphenol	U	50	1.0	50	50	5
106-44-5	3&4-Methylphenol	U	100	1.0	100	100	10
67-72-1	Hexachloroethane	U	50	1.0	50	50	2
98-95-3	Nitrobenzene	U	50	1.0	50	50	3
87-68-3	Hexachlorobutadiene	U	50	1.0	50	50	4
88-06-2	2,4,6-Trichlorophenol	U	50	1.0	50	50	8
95-95-4	2,4,5-Trichlorophenol	U	120	1.0	120	120	7
121-14-2	2,4-Dinitrotoluene	U	50	1.0	50	50	4
118-74-1	Hexachlorobenzene	U	50	1.0	50	50	4
87-86-5	Pentachlorophenol	U	120	1.0	120	120	9
367-12-4	2-Fluorophenol		92%				
13127-88-3	Phenol-D6		99%				
4165-60-0	Nitrobenzene-D5		87%				
321-60-8	2-Fluorobiphenyl		66%				
118-79-6	2,4,6-Tribromophenol		91%				
1718-51-0	Terphenyl-D14		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.015	1.0	0.050	0.050	0.015
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.012	1.0	0.10	0.10	0.012
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0098	1.0	0.10	0.10	0.0098
33213-65-9	Endosulfan II	U	0.0089	1.0	0.10	0.10	0.0089
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0096	1.0	0.10	0.10	0.0096
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		73%				
2051-24-3	Decachlorobiphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.014	1.0	0.050	0.050	0.014
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.015	1.0	0.050	0.050	0.015
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.012	1.0	0.10	0.10	0.012
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0099	1.0	0.10	0.10	0.0099
33213-65-9	Endosulfan II	U	0.0090	1.0	0.10	0.10	0.0090
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0097	1.0	0.10	0.10	0.0097
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.89	1.0	5.0	5.0	0.89
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		75%				
2051-24-3	Decachlorobiphenyl		65%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		69%				
2051-24-3	Decachlorobiphenyl		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		75%				
2051-24-3	Decachlorobiphenyl		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CT0351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10SC
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	I	0.030	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	I	0.023	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		67%				
2051-24-3	Decachlorobiphenyl		77%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/13/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		64%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		71%				
2051-24-3	Decachlorobiphenyl		66%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/25/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9SC
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	I	0.031	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		66%				
2051-24-3	Decachlorobiphenyl		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11SC
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		75%				
2051-24-3	Decachlorobiphenyl		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		70%				
2051-24-3	Decachlorobiphenyl		78%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/13/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		73%				
2051-24-3	Decachlorobiphenyl		63%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.014	1.0	0.050	0.050	0.014
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.015	1.0	0.050	0.050	0.015
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.012	1.0	0.10	0.10	0.012
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0099	1.0	0.10	0.10	0.0099
33213-65-9	Endosulfan II	U	0.0090	1.0	0.10	0.10	0.0090
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0097	1.0	0.10	0.10	0.0097
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.89	1.0	5.0	5.0	0.89
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		77%				
2051-24-3	Decachlorobiphenyl		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.018	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.012	1.0	0.10	0.10	0.012
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0096	1.0	0.10	0.10	0.0096
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0094	1.0	0.10	0.10	0.0094
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.022	1.0	0.50	0.50	0.022
8001-35-2	Toxaphene	U	0.87	1.0	5.0	5.0	0.87
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4SC
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	I	0.037	1.0	0.050	0.050	0.018
58-89-9	gamma BHC	U	0.016	1.0	0.050	0.050	0.016
76-44-8	Heptachlor	U	0.020	1.0	0.050	0.050	0.020
319-85-7	beta-BHC	U	0.013	1.0	0.050	0.050	0.013
309-00-2	Aldrin	U	0.020	1.0	0.050	0.050	0.020
319-86-8	delta-BHC	U	0.014	1.0	0.050	0.050	0.014
1024-57-3	Heptachlor Epoxide	U	0.017	1.0	0.050	0.050	0.017
959-98-8	Endosulfan I	U	0.013	1.0	0.050	0.050	0.013
72-55-9	4,4'-DDE	U	0.011	1.0	0.10	0.10	0.011
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.0097	1.0	0.10	0.10	0.0097
33213-65-9	Endosulfan II	U	0.0088	1.0	0.10	0.10	0.0088
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.0095	1.0	0.10	0.10	0.0095
1031-07-8	Endosulfan sulfate	U	0.024	1.0	0.10	0.10	0.024
72-43-5	Methoxychlor	U	0.023	1.0	0.50	0.50	0.023
8001-35-2	Toxaphene	U	0.88	1.0	5.0	5.0	0.88
12789-03-6	Chlordane	U	0.14	1.0	1.0	1.0	0.14
877-09-8	Tetrachloro-m-Xylene		66%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-16
Client ID: KWFCGS-DRUM-0904
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10669
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
58-89-9	gamma BHC	U	0.11	1.0	0.25	0.25	0.11
76-44-8	Heptachlor	U	0.12	1.0	0.25	0.25	0.12
1024-57-3	Heptachlor Epoxide	U	0.12	1.0	0.25	0.25	0.12
72-20-8	Endrin	U	0.090	1.0	0.50	0.50	0.090
72-43-5	Methoxychlor	U	0.22	1.0	2.5	2.5	0.22
8001-35-2	Toxaphene	U	4.6	1.0	5.0	5.0	4.6
12789-03-6	Chlordane	U	0.75	1.0	2.5	2.5	0.75
877-09-8	Tetrachloro-m-Xylene		88%				
2051-24-3	Decachlorobiphenyl		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 10/08/04
Analysis Date: 10/15/04
Report Date: 10/26/2004
Matrix: SOIL
% Solids: 86.3

Lab ID: WU3256-16
Client ID: KWFCGS-DRUM-0904
SDG: WU3256
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10686
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	12	1.0	17	20	12
11104-28-2	Aroclor-1221	U	9.5	1.0	17	20	9.5
11141-16-5	Aroclor-1232	U	6.1	1.0	17	20	6.1
53469-21-9	Aroclor-1242	U	7.8	1.0	17	20	7.8
12672-29-6	Aroclor-1248	U	9.6	1.0	17	20	9.6
11097-69-1	Aroclor-1254	U	5.4	1.0	17	20	5.4
11096-82-5	Aroclor-1260	U	9.9	1.0	17	20	9.9
877-09-8	Tetrachloro-m-xylene		84%				
2051-24-3	Decachlorobiphenyl		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/16/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-14
Client ID: KWFCGS-DRUM01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.32	1.0	0.50	0.50	0.32
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.50	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.077	1.0	0.50	0.50	0.077
877-09-8	Tetrachloro-m-xylene		79%				
2051-24-3	Decachlorobiphenyl		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/16/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-15
Client ID: KWFCGS-DRUM02-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.11	1.0	0.50	0.50	0.11
11104-28-2	Aroclor-1221	U	0.32	1.0	0.50	0.50	0.32
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.11	1.0	0.50	0.50	0.11
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.078	1.0	0.50	0.50	0.078
877-09-8	Tetrachloro-m-xylene		83%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/16/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-12
Client ID: KWFCGS-EB01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		74%				
2051-24-3	Decachlorobiphenyl		71%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/16/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-13
Client ID: KWFCGS-FB01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		73%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-10SC
Client ID: KWFCGS-FD01-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		77%				
2051-24-3	Decachlorobiphenyl		80%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-1
Client ID: KWFCGS-MW05-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		66%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-7SC
Client ID: KWFCGS-MW06-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		67%				
2051-24-3	Decachlorobiphenyl		62%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/26/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-9SC
Client ID: KWFCGS-MW07-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/27/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-11SC
Client ID: KWFCGS-MW08-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		81%				
2051-24-3	Decachlorobiphenyl		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-3
Client ID: KWFCGS-MW09-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		73%				
2051-24-3	Decachlorobiphenyl		68%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-2
Client ID: KWFCGS-MW10-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		77%				
2051-24-3	Decachlorobiphenyl		57%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-5
Client ID: KWFCGS-MW11-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.11	1.0	0.50	0.50	0.11
11104-28-2	Aroclor-1221	U	0.32	1.0	0.50	0.50	0.32
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.11	1.0	0.50	0.50	0.11
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.078	1.0	0.50	0.50	0.078
877-09-8	Tetrachloro-m-xylene		68%				
2051-24-3	Decachlorobiphenyl		64%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-8
Client ID: KWFCGS-MW12-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.27	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/25/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-6
Client ID: KWFCGS-MW19-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.10	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.31	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.26	1.0	0.50	0.50	0.26
53469-21-9	Aroclor-1242	U	0.21	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.075	1.0	0.50	0.50	0.075
877-09-8	Tetrachloro-m-xylene		75%				
2051-24-3	Decachlorobiphenyl		74%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Tetra Tech NUS, Inc
Project: CTO351 NAS KEY WEST
PO No:
Sample Date: 09/24/04
Received Date: 09/28/04
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WU3256-4SC
Client ID: KWFCGS-MW22-0904
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.50	1.0	0.50	0.50	0.10
11104-28-2	Aroclor-1221	U	0.50	1.0	0.50	0.50	0.31
11141-16-5	Aroclor-1232	U	0.50	1.0	0.50	0.50	0.27
53469-21-9	Aroclor-1242	U	0.50	1.0	0.50	0.50	0.21
12672-29-6	Aroclor-1248	U	0.10	1.0	0.50	0.50	0.10
11097-69-1	Aroclor-1254	U	0.17	1.0	0.50	0.50	0.17
11096-82-5	Aroclor-1260	U	0.076	1.0	0.50	0.50	0.076
877-09-8	Tetrachloro-m-xylene		79%				
2051-24-3	Decachlorobiphenyl		74%				

APPENDIX C

SUPPORT DOCUMENTATION

WU32541

TETRA TECH NUS, INC. | **CHAIN OF CUSTODY** | **NUMBER** 3839 | **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 8425 8908 8862		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOCs	SVOC	Pesticides	PCBs	TAL Metals + Tin	VOCs - TCLP	SVOCs - TCLP	Pest/PCB - TCLP	TAL metals + Tin - TCLP	COMMENTS
9/24	9:45	KWFCGS-MW05-0904				GW	G	8	X	X	X	X	X					
	11:10	KWFCGS-MW10-0904						8	X	X	X	X	X					
	12:40	KWFCGS-MW09-0904						8	X	X	X	X	X					
	14:10	KWFCGS-MW22-0904						8	X	X	X	X	X					
9/25	8:35	KWFCGS-MW11-0904						8	X	X	X	X	X					
	11:10	KWFCGS-MW19-0904						8	X	X	X	X	X					
	9:55	KWFCGS-MW06-0904						24	X	X	X	X	X					MS/MSD
	14:00	KWFCGS-MW12-0904						8	X	X	X	X	X					
9/26	11:05	KWFCGS-MW07-0904						8	X	X	X	X	X					
		KWFCGS-FD01-0904						8	X	X	X	X	X					
	15:00	KWFCGS-DRUM-0904				SO	C	6						X	X	X	X	
9/27	9:00	KWFCGS-MW08-0904				GW	G	8	X	X	X	X	X					
	11:00	KWFCGS-EB01-0904						8	X	X	X	X	X					

1. RELINQUISHED BY: Gary Braganza	DATE 9/27/04	TIME	1. RECEIVED BY: [signature]	DATE 9-28-04	TIME 0900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

TETRA TECH NUS, INC. | CHAIN OF CUSTODY | NUMBER 3866 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO-351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 842589088862		WESTBROOK ME

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAP (G) COMP (C)	No. OF CONTAINERS	VOC	SVOC	PESTICIDES	PCBs	TAL METAL + TIN				COMMENTS
9/27	11:30	KWFCGS-FB01-0904						8	X	X	X	X	X				
↓	12:00	KWFCGS-DRUM01-0904						8	X	X	X	X	X				
↓	12:30	KWFCGS-DRUM02-0904						8	X	X	X	X	X				

	DATE	TIME		DATE	TIME
1. RELINQUISHED BY Gary Braganza	9/27/04		1. RECEIVED BY	9/28/04	0900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: PEST/PCB

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/KG
Pct_Solids	86.3
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
AROCLOR-1016	12	U	
AROCLOR-1221	9.5	U	
AROCLOR-1232	6.1	U	
AROCLOR-1242	7.8	U	
AROCLOR-1248	9.6	U	
AROCLOR-1254	5.4	U	
AROCLOR-1260	9.9	U	
CHLORDANE	0.75	U	
ENDRIN	0.09	U	
GAMMA-BHC (LINDANE)	0.11	U	
HEPTACHLOR	0.12	U	
HEPTACHLOR EPOXIDE	0.12	U	
METHOXYCHLOR	0.22	U	
TOXAPHENE	4.6	U	

ug/kg

ug/L

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: OV

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,1-DICHLOROETHENE	2	U	
1,2-DICHLOROETHANE	3	U	
2-BUTANONE	26	U	
BENZENE	2	U	
CARBON TETRACHLORIDE	3	U	
CHLOROBENZENE	2	U	
CHLOROFORM	2	U	
TETRACHLOROETHENE	7	U	
TRICHLOROETHENE	2	U	
VINYL CHLORIDE	3	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: OS

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-16
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Val Qual	Qual Code
1,4-DICHLOROBENZENE	50	U	
2,4,5-TRICHLOROPHENOL	120	U	
2,4,6-TRICHLOROPHENOL	50	U	
2,4-DINITROTOLUENE	50	U	
2-METHYLPHENOL	50	U	
3&4-METHYLPHENOL	100	U	
HEXACHLOROBENZENE	50	U	
HEXACHLOROBUTADIENE	50	U	
HEXACHLOROETHANE	50	U	
NITROBENZENE	50	U	
PENTACHLOROPHENOL	120	U	
PYRIDINE	250	U	

HOLDTIME

SDG WU3256

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/06/2004	10/06/2004	11	0	11
HG	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
HG	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/15/2004	10/15/2004	19	0	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
M	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
M	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
M	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/11/2004	10/15/2004	15	4	19
M	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/11/2004	10/18/2004	15	7	22
M	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/11/2004	10/19/2004	17	8	25
M	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/07/2004	10	1	11
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/15/2004	10	9	19
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/18/2004	10	12	22
M	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/11/2004	10/18/2004	15	7	22
M	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/11/2004	10/15/2004	15	4	19
M	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
TS	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/25/2004	10/26/2004	29	1	30
OS	%	KWFCGS-MW08-0904	WU3256-11	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	%	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	%	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	%	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	%	KWFCGS-MW22-0904	WU3256-4	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	%	KWFCGS-MW07-0904DL	WU3256-9DL	NM	09/26/2004	10/01/2004	10/28/2004	5	27	32
OS	%	KWFCGS-MW08-0904DL	WU3256-11DL	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	%	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	%	KWFCGS-DRUM01-0904	WU3256-14RE	NM	09/27/2004	10/08/2004	10/28/2004	11	20	31
OS	%	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	%	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	%	KWFCGS-FD01-0904DL	WU3256-10DL	NM	09/26/2004	10/01/2004	10/28/2004	5	27	32
OS	%	KWFCGS-FD01-0904	WU3256-10	NM	09/26/2004	10/01/2004	10/27/2004	5	26	31
OS	%	KWFCGS-FB01-0904RE	WU3256-13RE	NM	09/27/2004	10/08/2004	10/28/2004	11	20	31
OS	%	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/05/2004	10/08/2004	9	3	12
OS	%	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	%	KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	%	KWFCGS-MW07-0904	WU3256-9	NM	09/26/2004	10/01/2004	10/27/2004	5	26	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	KWFCGS-MW08-0904DL	WU3256-11DL	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	UG/L	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	UG/L	.KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	UG/L	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	UG/L	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	UG/L	KWFCGS-MW08-0904	WU3256-11	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	UG/L	KWFCGS-MW22-0904	WU3256-4	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	UG/L	KWFCGS-FD01-0904DL	WU3256-10DL	NM	09/26/2004	10/01/2004	10/28/2004	5	27	32
OS	UG/L	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OS	UG/L	KWFCGS-MW07-0904DL	WU3256-9DL	NM	09/26/2004	10/01/2004	10/28/2004	5	27	32
OS	UG/L	KWFCGS-MW07-0904	WU3256-9	NM	09/26/2004	10/01/2004	10/27/2004	5	26	31
OS	UG/L	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	10/01/2004	10/27/2004	7	26	33
OS	UG/L	KWFCGS-FD01-0904	WU3256-10	NM	09/26/2004	10/01/2004	10/27/2004	5	26	31
OS	UG/L	KWFCGS-FB01-0904RE	WU3256-13RE	NM	09/27/2004	10/08/2004	10/28/2004	11	20	31
OS	UG/L	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	UG/L	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/05/2004	10/08/2004	9	3	12
OS	UG/L	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31
OS	UG/L	KWFCGS-DRUM01-0904	WU3256-14RE	NM	09/27/2004	10/08/2004	10/28/2004	11	20	31

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OS	UG/L	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	10/01/2004	10/27/2004	6	26	32
OV	%	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	%	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	%	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	%	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	10/04/2004	10/04/2004	10	0	10
OV	%	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	%	KWFCGS-FD01-0904	WU3256-10	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	%	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	%	KWFCGS-MW22-0904RA	WU3256-4RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	%	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	%	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	%	KWFCGS-MW10-0904RA	WU3256-2RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	%	KWFCGS-MW09-0904RA	WU3256-3RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	%	KWFCGS-MW08-0904	WU3256-11	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	%	KWFCGS-MW07-0904	WU3256-9	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	%	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	%	TRIP BLANK	WU3256-17	NM	09/16/2004	10/06/2004	10/06/2004	20	0	20

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
OV	UG/L	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	UG/L	KWFCGS-MW08-0904	WU3256-11	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	UG/L	KWFCGS-MW22-0904RA	WU3256-4RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	UG/L	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	UG/L	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
OV	UG/L	KWFCGS-MW10-0904RA	WU3256-2RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	UG/L	KWFCGS-MW09-0904RA	WU3256-3RA	NM	09/24/2004	10/05/2004	10/05/2004	11	0	11
OV	UG/L	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	UG/L	TRIP BLANK	WU3256-17	NM	09/16/2004	10/06/2004	10/06/2004	20	0	20
OV	UG/L	KWFCGS-MW07-0904	WU3256-9	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	UG/L	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	UG/L	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	UG/L	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	UG/L	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
OV	UG/L	KWFCGS-FD01-0904	WU3256-10	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
OV	UG/L	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	10/04/2004	10/04/2004	10	0	10
OV	UG/L	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	10/05/2004	10/05/2004	10	0	10
PCB	%	KWFCGS-MW06-0904	WU3256-7SC	NM	09/25/2004	09/30/2004	10/18/2004	5	18	23

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	%	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	%	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	%	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	%	KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	%	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	%	KWFCGS-MW22-0904	WU3256-4SC	NM	09/24/2004	09/30/2004	10/18/2004	6	18	24
PCB	%	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	%	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	%	KWFCGS-FD01-0904	WU3256-10SC	NM	09/26/2004	09/30/2004	10/18/2004	4	18	22
PCB	%	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	%	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/08/2004	10/15/2004	12	7	19
PCB	%	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	%	KWFCGS-MW07-0904	WU3256-9SC	NM	09/26/2004	09/30/2004	10/18/2004	4	18	22
PCB	%	KWFCGS-MW08-0904	WU3256-11SC	NM	09/27/2004	09/30/2004	10/18/2004	3	18	21
PCB	UG/KG	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/08/2004	10/15/2004	12	7	19
PCB	UG/L	KWFCGS-MW22-0904	WU3256-4SC	NM	09/24/2004	09/30/2004	10/18/2004	6	18	24
PCB	UG/L	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PCB	UG/L	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	UG/L	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	UG/L	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	09/30/2004	10/15/2004	5	15	20
PCB	UG/L	KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	UG/L	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	UG/L	KWFCGS-MW07-0904	WU3256-9SC	NM	09/26/2004	09/30/2004	10/18/2004	4	18	22
PCB	UG/L	KWFCGS-MW06-0904	WU3256-7SC	NM	09/25/2004	09/30/2004	10/18/2004	5	18	23
PCB	UG/L	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	09/30/2004	10/15/2004	6	15	21
PCB	UG/L	KWFCGS-FD01-0904	WU3256-10SC	NM	09/26/2004	09/30/2004	10/18/2004	4	18	22
PCB	UG/L	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	UG/L	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	UG/L	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	09/30/2004	10/16/2004	3	16	19
PCB	UG/L	KWFCGS-MW08-0904	WU3256-11SC	NM	09/27/2004	09/30/2004	10/18/2004	3	18	21
PEST	%	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	%	KWFCGS-MW22-0904	WU3256-4SC	NM	09/24/2004	09/30/2004	10/14/2004	6	14	20
PEST	%	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	%	KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	09/30/2004	10/13/2004	6	13	19
PEST	%	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	09/30/2004	10/14/2004	6	14	20

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	%	KWFCGS-MW08-0904	WU3256-11SC	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	%	KWFCGS-MW07-0904	WU3256-9SC	NM	09/26/2004	09/30/2004	10/14/2004	4	14	18
PEST	%	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	%	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	09/30/2004	10/13/2004	6	13	19
PEST	%	KWFCGS-FD01-0904	WU3256-10SC	NM	09/26/2004	09/30/2004	10/14/2004	4	14	18
PEST	%	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	%	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/08/2004	10/14/2004	12	6	18
PEST	%	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	%	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	%	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	UG/L	KWFCGS-MW09-0904	WU3256-3	NM	09/24/2004	09/30/2004	10/14/2004	6	14	20
PEST	UG/L	KWFCGS-MW10-0904	WU3256-2	NM	09/24/2004	09/30/2004	10/13/2004	6	13	19
PEST	UG/L	KWFCGS-MW11-0904	WU3256-5	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	UG/L	KWFCGS-MW12-0904	WU3256-8	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	UG/L	KWFCGS-MW08-0904	WU3256-11SC	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	UG/L	KWFCGS-MW22-0904	WU3256-4SC	NM	09/24/2004	09/30/2004	10/14/2004	6	14	20
PEST	UG/L	KWFCGS-EB01-0904	WU3256-12	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
PEST	UG/L	KWFCGS-MW19-0904	WU3256-6	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	UG/L	KWFCGS-MW07-0904	WU3256-9SC	NM	09/26/2004	09/30/2004	10/14/2004	4	14	18
PEST	UG/L	KWFCGS-MW06-0904	WU3256-7	NM	09/25/2004	09/30/2004	10/14/2004	5	14	19
PEST	UG/L	KWFCGS-MW05-0904	WU3256-1	NM	09/24/2004	09/30/2004	10/13/2004	6	13	19
PEST	UG/L	KWFCGS-FB01-0904	WU3256-13	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	UG/L	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/08/2004	10/14/2004	12	6	18
PEST	UG/L	KWFCGS-DRUM02-0904	WU3256-15	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	UG/L	KWFCGS-DRUM01-0904	WU3256-14	NM	09/27/2004	09/30/2004	10/14/2004	3	14	17
PEST	UG/L	KWFCGS-FD01-0904	WU3256-10SC	NM	09/26/2004	09/30/2004	10/14/2004	4	14	18

FIELD DUPLICATE PRECISION

ANALYTE	KWFCGS-MW07-0904	QUAL	KSFCGS-FD01-0904	QUAL	RPD	DIFFERENCE
Toluene	1	J	1	J	0.00	0
Ethylbenzene	140		150		6.90	10
o-Xylene	2	J	2	J	0.00	0
m&p-Xylene	15		16		6.45	1
Total Xylenes	17		18		5.71	1
Carbon Disulfide	0.3	J	0.2	U	40.00	0.1
Naphthalene	710		850		17.95	140
2-Methylnaphthalene	110		140		24.00	30
alpha-BHC	0.031	J	0.03	J	3.28	0.001
delta-BHC	0.014	U	0.023	J	48.65	0.009

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 351 NAS KEY WEST
TASK ORDER MANAGER: CHARLES BRYAN
WU3256

Sample Receipt

The following samples were received on September 28, 2004 and were logged in under Katahdin Analytical Services work order number WU3256 for a hardcopy due date of October 24, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU3256-1	KWFCGS-MW05-0904
WU3256-2	KWFCGS-MW10-0904
WU3256-3	KWFCGS-MW09-0904
WU3256-4	KWFCGS-MW22-0904
WU3256-5	KWFCGS-MW11-0904
WU3256-6	KWFCGS-MW19-0904
WU3256-7	KWFCGS-MW06-0904
WU3256-8	KWFCGS-MW12-0904
WU3256-9	KWFCGS-MW07-0904
WU3256-10	KWFCGS-FD01-0904
WU3256-11	KWFCGS-MW08-0904
WU3256-12	KWFCGS-EB01-0904
WU3256-13	KWFCGS-FB01-0904
WU3256-14	KWFCGS-DRUM01-0904
WU3256-15	KWFCGS-DRUM02-0904
WU3256-16	KWFCGS-DRUM-0904
WU3256-17	TRIP BLANK

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of Work Order WU3256 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846. 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, U.S. EPA for the specific methods listed below or on the Report of Analysis. Sample WU3256-7 was used for a matrix spike (MS) and matrix spike duplicate (MSD) sample per the client's request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with a "M" (software-generated) on the pertinent quantitation reports.

8270C TCLP Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

The laboratory method blank WG10548-1 had a low recovery for one surrogate, which was outside of the laboratory established acceptance limits. Since the associated samples had acceptable surrogate recoveries and there were no target analytes detected above the PQL, the samples were not reextracted.

The laboratory control sample WG10548-2 had a high recovery for one surrogate, which was outside of the laboratory established acceptance limits. Since the spiked analyte recoveries are acceptable, the sample was not reanalyzed.

The initial calibration had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. The target analyte pyridine failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. This compound was calibrated using the average model. Since this target analyte was not detected above the PQL in any of the affected samples, the sample was not reanalyzed.

8270C Appendix IX Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

The laboratory blank WG10681-1 had a high recovery for one surrogate, which was outside the laboratory established acceptance limits. Since this would indicate a high bias and there were no target analytes detected above the MDL, the sample was not reanalyzed.

The laboratory control sample (LCS) WG10494-2 had a high recovery for one surrogate, which was outside the laboratory established acceptance limits. Since the spiked target analyte recoveries were acceptable, the sample was not reanalyzed.

The matrix spike sample (MS) WG10407-3 had a high recovery for one surrogate, which was outside the laboratory established acceptance limits. Since the spiked target analyte recoveries were acceptable, the sample was not reanalyzed.

Due to laboratory error, the extracts of samples WU3256-13 and 14 were not useable for analysis. The client was notified, and the samples were reextracted four days out of hold time.

Samples WU3256-9DL and 11DL had a high recovery for one or more surrogates, which were outside the laboratory established acceptance limits. Since the undiluted sample analyses had acceptable recoveries, these samples were not reanalyzed.

Samples WU3256-1 and 2 had a high recovery for one surrogate, which were outside the laboratory established acceptance limits. Since this would indicate a high bias and there were no target analytes detected above the MDL, the samples were not reanalyzed.

Sample WU3256-8, 10 and 10DL had a high recovery for one or more surrogates, which were outside the laboratory established acceptance limits. Since a high recovery would indicate a high bias and there were no target analytes detected above the PQL in the sample that are quantitated against the same internal standards that are associated with these surrogates, the samples were not reanalyzed.

Sample WU3256-11DL had low responses for two internal standards, which were outside the laboratory acceptance limit of -50% to 100% of the response of the internal standard of the daily continuing calibration standard. Since the undiluted sample analysis had acceptable responses and the diluted sample had no target analytes detected above the PQL which are quantitated against the same internal standards that are associated with these analytes, the sample was not reanalyzed.

The initial calibration analyzed on 10/26/04 had %RSD values for several analytes that exceeded the method acceptance limit of 15%. For these analytes, either a linear or quadratic model was used for quantitation instead of an average response factor. There were also twenty target analytes and one surrogate that failed for both the linear and quadratic models in the initial calibration curve due to the correlation coefficient being less than the method acceptance criteria of 0.990. These compounds were calibrated using the average model. Since these target analytes were not detected above the PQL in any of the associated samples, the samples were not reanalyzed.

The target analyte Hexachlorophene cannot be calibrated by method 8270C because it is unstable in the calibration standard. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples for this analyte is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of Hexachlorophene. This analyte was not detected in the samples.

The target analyte kepone could not be calibrated by method 8270C because of the low responses in the calibration standards. Therefore, the initial calibration is not calibrated for this analyte, and no data points have been reported for this compound on the Form 6. As a result, quantitation of samples is not possible. However, the chromatogram has been searched for specific ions and the spectrum has been evaluated for the presence of kepone. This analyte was not detected in any of these samples.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The acceptance limits for the MS/MSD are for a short list of the spiked compounds. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "V" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

8081 Analysis

The closing CV (file 8UJ1044) had high responses for gamma-BHC, endrin aldehyde and DCB on channel A, resulting in %Ds that were outside of the method acceptance limits of 15%. Since these analytes were within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The opening CV (files 8UJ1071 and 8UJ2071) had high responses for fourteen analytes on channel A and a low response for delta-BHC on channel B, resulting in %Ds that were outside of the method acceptance limits of 15%. Since all analytes were within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8UJ1091 and 8UJ2091) had high or low responses for most of the analytes on channel A and high or low responses for beta-BHC, delta-BHC, endrin ketone and DCB on channel B, resulting in %Ds that were outside of the method acceptance limits of 15%. Since the associated MS and MSD had acceptable recoveries for all analytes, the samples were not reanalyzed.

The closing/opening CV (file 8UJ2161) had a low response for endosulfan sulfate on channel B, resulting in a %D that was outside of the method acceptance limits of 15%. Since this analyte was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8UJ1185 and 8UJ2185) had high or low responses for fourteen analytes on channel A and low responses for delta-BHC and endosulfan sulfate on channel B, resulting in %Ds that were outside of the method acceptance limits of 15%. Since the associated LCS had acceptable recoveries for all analytes, the samples were not reanalyzed.

8081 TCLP Analysis

The opening CV (file 8UJ2161) had a low response for endosulfan sulfate on channel B, resulting in a %D that was outside of the method acceptance limits of 15%. Since this analyte was within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

The closing CV (files 8UJ1185 and 8UJ2185) had high responses for heptachlor epoxide and endrin on channel A, resulting in %Ds that were outside of the method acceptance limits of 15%. Since these analytes were within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

8082 Analysis

The Form 7 for the CV's (files 6UJ1184, 6UJ2184, 6UJ1233, and 6UJ2233) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. The %D's are actually correct and should not be flagged, but due to software limitations the flagging could not be removed.

There were no other protocol deviations or observations noted by the organic laboratory staff.

Metals Analysis

The samples of Katahdin Work Order WU3256 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

TCLP Extraction (EPA Method 1311)

Katahdin Sample No. WU3256-16 is a TCLP extract of a solid sample. The extraction dates, the extraction fluid used, and the associated TCLP fluid blank identification number for this sample are summarized in the following table.

Katahdin Sample Number	TCLP Extraction Start Date	Extraction Finish/Filter Date	TCLP Fluid Used	Associated TCLP Fluid Blank ID
WU3256-16	10/04/04	10/05/04	2	PBT623A

TCLP extracts are identified throughout the raw data and on sample preparation and analysis run logs by the suffix "T" appended to the Katahdin Sample Number, e.g. "WU3256-016T".

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample No. WU3256-16T was digested for ICP analysis on 10/06/04 (QC Batch UJ06ICW0) in accordance with USEPA Method 3010A.

Aqueous-matrix Katahdin Sample Nos. WU3256-(1-15) were digested for ICP analysis on 10/11/04 (QC Batch UJ11ICW1) in accordance with USEPA Method 3010A. Katahdin Sample No. WU3256-7 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of Work Order WU3256 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for analytical run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

The ICSAB analyzed at 12:22 in ICP analysis sequence AUJ07B, failed high for calcium. Data was accepted for analytes that are not subject to interference from calcium.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Nos. WU3256-(1-7) were digested for mercury analysis on 10/04/04 (QC Batch UJ04HGW0) in accordance with USEPA Method 7470A. Katahdin Sample No. WU3256-7 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Nos. WU3256-(8-15) were digested for mercury analysis on 10/06/04 (QC Batch UJ06HGW0) in accordance with USEPA Method 7470A.

Aqueous-matrix Katahdin Sample No. WU3256-16T was digested for mercury analysis on 10/15/04 (QC Batch UJ15HGW0) in accordance with USEPA Method 7470A.

Mercury analyses of Katahdin Work Order WU3256 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The recoveries for all analytes in the matrix-spike aliquots of Katahdin Sample No. WU3256-7 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analysis of Katahdin Sample No. WU3256-7 is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all analytes.

The serial dilution analysis of Katahdin Sample No. WU3256-7 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all analytes.

Wet Chemistry Analysis

The samples of Work Order WU3256 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW ILM04.0.

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limit (MDL). These levels are indicated in the result field of the analytical report. For hits that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL), a "J" flag has been used.

All analyses were performed within analytical hold time. All quality control criteria were met.

No deviations were noted by the Wet Chemistry group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Deborah J. Nadeau 10-29-04

Deborah Nadeau
Laboratory Operations Manager

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10479-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS.KEY WEST SDG No.: WU3256

Lab File ID: Z3533 Lab Sample ID: WG10479-2

Date Analyzed: 10/04/04 Time Analyzed: 1034

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10479-LCS	WG10479-1	Z3531	10/04/04	0916
02	KWFCGS-MW05-0904	WU3256-1	Z3543	10/04/04	1701
03					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/04/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10479-2
Client ID: WG10479-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10479
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	I	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/04/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10479-2
Client ID: WG10479-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10479
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	I	0.1	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		117%				
460-00-4	P-Bromofluorobenzene		119%				

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10552-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: Z3555 Lab Sample ID: WG10552-2

Date Analyzed: 10/05/04 Time Analyzed: 1113

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10552-LCS	WG10552-1	Z3553	10/05/04	0956
02	KWFCGS-MW10-0904	WU3256-2RA	Z3561	10/05/04	1505
03	KWFCGS-MW09-0904	WU3256-3RA	Z3562	10/05/04	1543
04	KWFCGS-MW22-0904	WU3256-4RA	Z3563	10/05/04	1622
05	KWFCGS-MW11-0904	WU3256-5	Z3564	10/05/04	1700
06	KWFCGS-MW19-0904	WU3256-6	Z3565	10/05/04	1739
07	KWFCGS-MW06-0904	WU3256-7	Z3566	10/05/04	1818
08	KWFCGS-MW12-0904	WU3256-8	Z3567	10/05/04	1856
09	KWFCGS-MW06-0904MS	WG10552-3	Z3568	10/05/04	1935
10					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10552-2
Client ID: WG10552-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10552-2
Client ID: WG10552-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10552
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		110%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		109%				
460-00-4	P-Bromofluorobenzene		110%				

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10605-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: Z3575 Lab Sample ID: WG10605-2

Date Analyzed: 10/06/04 Time Analyzed: 1026

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10605-LCS	WG10605-1	Z3573	10/06/04	0909
02	TCLP BLANK	WG10605-3	Z3576	10/06/04	1105
03	TRIP BLANK	WU3256-17	Z3577	10/06/04	1143
04	KWFCGS-DRUM-0904	WU3256-16	Z3580	10/06/04	1340
05	KWFCGS-MW07-0904	WU3256-9	Z3581	10/06/04	1418
06	KWFCGS-FD01-0904	WU3256-10	Z3582	10/06/04	1456
07	KWFCGS-MW08-0904	WU3256-11	Z3583	10/06/04	1534
08	KWFCGS-EB01-0904	WU3256-12	Z3584	10/06/04	1613
09	KWFCGS-FB01-0904	WU3256-13	Z3585	10/06/04	1651
10	KWFCGS-DRUM01-0904	WU3256-14	Z3586	10/06/04	1729
11	KWFCGS-DRUM02-0904	WU3256-15	Z3587	10/06/04	1808
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10605-2
Client ID: WG10605-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	U	0.4	1.0	5	5	0.4
67-64-1	Acetone	I	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10605-2
Client ID: WG10605-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		109%				
460-00-4	P-Bromofluorobenzene		107%				

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10630-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: Z3593 Lab Sample ID: WG10630-2

Date Analyzed: 10/07/04 Time Analyzed: 1053

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-Z

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG10630-LCS	WG10630-1	Z3591	10/07/04	0935
02	KWFCGS-MW06-0904MSD	WG10630-3	Z3595	10/07/04	1211
03					
04					
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COMMENTS:

FORM IV VOA

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/07/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10630-2
Client ID: WG10630-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10630
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
75-71-8	Dichlorodifluoromethane	U	0.2	1.0	5	5	0.2
74-87-3	Chloromethane	U	0.6	1.0	5	5	0.6
75-01-4	Vinyl chloride	U	0.2	1.0	2	2	0.2
74-83-9	Bromomethane	U	0.6	1.0	5	5	0.6
75-00-3	Chloroethane	U	0.2	1.0	5	5	0.2
75-69-4	Trichlorofluoromethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
75-15-0	Carbon Disulfide	U	0.2	1.0	5	5	0.2
74-88-4	Iodomethane	U	0.2	1.0	10	10	0.2
107-02-8	Acrolein	U	9	1.0	50	50	9
75-09-2	Methylene Chloride	I	0.8	1.0	5	5	0.4
67-64-1	Acetone	U	1	1.0	10	10	1
78-83-1	Isobutyl Alcohol	U	7	1.0	100	100	7
156-60-5	trans-1,2-Dichloroethene	U	0.1	1.0	5	5	0.1
107-05-1	Allyl Chloride	U	0.5	1.0	10	10	0.5
75-05-8	Acetonitrile	U	8	1.0	50	50	8
126-99-8	Chloroprene	U	0.1	1.0	10	10	0.1
126-98-7	Methacrylonitrile	U	1	1.0	50	50	1
107-12-0	Propionitrile	U	2	1.0	50	50	2
75-34-3	1,1-Dichloroethane	U	0.1	1.0	5	5	0.1
107-13-1	Acrylonitrile	U	0.5	1.0	10	10	0.5
108-05-4	Vinyl Acetate	U	0.8	1.0	5	5	0.8
156-59-2	cis-1,2-Dichloroethene	U	0.09	1.0	5	5	0.09
80-62-6	Methyl Methacrylate	U	0.2	1.0	10	10	0.2
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
71-55-6	1,1,1-Trichloroethane	U	0.2	1.0	5	5	0.2
78-93-3	2-Butanone	U	1	1.0	10	10	1
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
97-63-2	Ethyl Methacrylate	U	0.2	1.0	10	10	0.2
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
74-95-3	Dibromomethane	U	0.08	1.0	5	5	0.08
78-87-5	1,2-Dichloropropane	U	0.1	1.0	5	5	0.1
75-27-4	Bromodichloromethane	U	0.09	1.0	5	5	0.09
10061-01-5	cis-1,3-dichloropropene	U	0.1	1.0	5	5	0.1
123-91-1	1,4-Dioxane	U	3	1.0	100	100	3
108-88-3	Toluene	U	0.2	1.0	5	5	0.2
108-10-1	4-methyl-2-pentanone	U	0.8	1.0	10	10	0.8
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
10061-02-6	trans-1,3-Dichloropropene	U	0.2	1.0	5	5	0.2
79-00-5	1,1,2-Trichloroethane	U	0.1	1.0	5	5	0.1
124-48-1	Dibromochloromethane	U	0.08	1.0	5	5	0.08

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/07/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10630-2
Client ID: WG10630-Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10630
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
106-93-4	1,2-Dibromoethane	U	0.09	1.0	5	5	0.09
591-78-6	2-Hexanone	U	1	1.0	10	10	1
108-90-7	Chlorobenzene	J	0.1	1.0	5	5	0.09
100-41-4	Ethylbenzene	U	0.2	1.0	5	5	0.2
630-20-6	1,1,1,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
1330-20-7	Xylenes (total)	U	0.5	1.0	15	15	0.5
	m+p-Xylenes	U	0.3	1.0	10	10	0.3
95-47-6	o-Xylene	U	0.2	1.0	5	5	0.2
100-42-5	Styrene	U	0.1	1.0	5	5	0.1
75-25-2	Bromoform	U	0.1	1.0	5	5	0.1
110-57-6	trans-1,4-Dichloro-2-Butene	U	0.2	1.0	10	10	0.2
79-34-5	1,1,2,2-Tetrachloroethane	U	0.2	1.0	5	5	0.2
96-18-4	1,2,3-Trichloropropane	U	0.1	1.0	5	5	0.1
76-01-1	Pentachloroethane	U	0.7	1.0	10	10	0.7
541-73-1	1,3-Dichlorobenzene	U	0.2	1.0	5	5	0.2
106-46-7	1,4-Dichlorobenzene	U	0.2	1.0	5	5	0.2
95-50-1	1,2-Dichlorobenzene	U	0.2	1.0	5	5	0.2
96-12-8	1,2-Dibromo-3-Chloropropane	U	0.4	1.0	5	5	0.4
120-82-1	1,2,4-Trichlorobenzene	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		112%				
460-00-4	P-Bromofluorobenzene		110%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO 351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 10/06/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10605-3
Client ID: TCLP Blank
SDG: WU3256
Extracted by:
Extraction Method: SW846 5030
Analyst: KM
Analysis Method: SW846 8260B
Lab Prep Batch: WG10605
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
71-43-2	Benzene	U	0.09	1.0	5	5	0.09
56-23-5	Carbon Tetrachloride	U	0.1	1.0	5	5	0.1
108-90-7	Chlorobenzene	U	0.09	1.0	5	5	0.09
67-66-3	Chloroform	U	0.1	1.0	5	5	0.1
107-06-2	1,2-Dichloroethane	U	0.2	1.0	5	5	0.2
75-35-4	1,1-Dichloroethene	U	0.1	1.0	5	5	0.1
78-93-3	2-Butanone	U	1	1.0	15	15	1
127-18-4	Tetrachloroethene	U	0.4	1.0	5	5	0.4
79-01-6	Trichloroethene	U	0.08	1.0	5	5	0.08
75-01-4	Vinyl chloride	U	0.2	1.0	5	5	0.2
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		112%				
460-00-4	P-Bromofluorobenzene		115%				

FORM 2
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES, Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

	CLIENT SAMPLE ID	LAB SAMPLE ID	SMC1 DBF#	SMC2 DCA#	SMC3 TOL#	SMC4 BFB#	TOT OUT
01	WG10479-LCS	WG10479-1	106	91	114	117	0
02	WG10479-BLANK	WG10479-2	111	102	117	119	0
03	KWFCGS-MW05-0904	WU3256-1	118	106	113	110	0
04	WG10552-LCS	WG10552-1	104	89	114	112	0
05	WG10552-BLANK	WG10552-2	110	101	109	110	0
06	KWFCGS-MW10-0904	WU3256-2RA	112	103	111	111	0
07	KWFCGS-MW09-0904	WU3256-3RA	107	99	112	112	0
08	KWFCGS-MW22-0904	WU3256-4RA	106	98	116	114	0
09	KWFCGS-MW11-0904	WU3256-5	104	94	110	109	0
10	KWFCGS-MW19-0904	WU3256-6	108	99	111	107	0
11	KWFCGS-MW06-0904	WU3256-7	107	101	108	111	0
12	KWFCGS-MW12-0904	WU3256-8	107	100	113	112	0
13	KWFCGS-MW06-0904MS	WG10552-3	104	92	109	106	0
14	WG10605-LCS	WG10605-1	102	91	108	111	0
15	WG10605-BLANK	WG10605-2	107	99	109	107	0
16	TCLP BLANK	WG10605-3	108	103	112	115	0
17	TRIP BLANK	WU3256-17	110	104	114	110	0
18	KWFCGS-DRUM-0904	WU3256-16	115	108	111	114	0
19	KWFCGS-MW07-0904	WU3256-9	105	94	114	114	0
20	KWFCGS-FD01-0904	WU3256-10	102	90	116	110	0
21	KWFCGS-MW08-0904	WU3256-11	98	85	113	111	0
22	KWFCGS-EB01-0904	WU3256-12	100	85	111	111	0
23	KWFCGS-FB01-0904	WU3256-13	102	86	112	113	0
24	KWFCGS-DRUM01-0904	WU3256-14	102	88	112	108	0
25	KWFCGS-DRUM02-0904	WU3256-15	103	85	111	113	0
26	WG10630-LCS	WG10630-1	101	85	110	111	0
27	WG10630-BLANK	WG10630-2	106	94	112	110	0
28	KWFCGS-MW06-0904MSD	WG10630-3	103	88	115	113	0

		QC LIMITS
SMC1 (DBF)	= Dibromofluoromethane	(76-118)
SMC2 (DCA)	= 1,2-Dichloroethane-D4	(76-119)
SMC3 (TOL)	= Toluene-D8	(68-122)
SMC4 (BFB)	= P-Bromofluorobenzene	(56-119)

Column to be used to flag recovery values

J Values outside of contract required QC limits

D System Monitoring Compound diluted out

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: ZB896 BFB Injection Date: 08/23/04

Instrument ID: GCMS-Z BFB Injection Time: 1417

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	18.2
75	30.0 - 60.0% of mass 95	42.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.7
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	80.2
175	5.0 - 9.0% of mass 174	5.4 (6.8)1
176	95.0 - 101.0% of mass 174	76.3 (95.2)1
177	5.0 - 9.0% of mass 176	4.6 (6.0)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z23A	Z2942	08/23/04	1441
02		VSTD020Z23A	Z2943	08/23/04	1518
03		VSTD005Z23A	Z2944	08/23/04	1556
04		VSTD001Z23B	Z2946	08/23/04	1711
05		VSTD200Z23A	Z2947	08/23/04	1749
06		VSTD100Z23A	Z2948	08/23/04	1826
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FORM V VOA

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date(s): 08/23/04 08/23/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1441 1826

LAB FILE ID: RF1: Z2946 RF5: Z2944 RF20: Z2943
RF50: Z2942 RF100: Z2948 RF200: Z2947

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
Dichlorodifluoromethane	0.330	0.373	0.364	0.402	0.345	0.368	AVRG		0.36372745		6.786	15.000
Chloromethane	0.550	0.578	0.509	0.535	0.517	0.513	AVRG		0.53364284		4.999	15.000
Vinyl chloride	0.455	0.520	0.480	0.510	0.512	0.485	AVRG		0.49386810		5.018	15.000
Bromomethane	0.261	0.269	0.281	0.271	0.320	0.287	AVRG		0.28150076		7.431	15.000
Chloroethane	1771	8912	34880	87372	162100	244740	2ORDR	3.499e-002	2.09541364	3.54207481	0.99814	0.99000
Trichlorofluoromethane	0.493	0.593	0.565	0.626	0.559	0.562	AVRG		0.56625848		7.789	15.000
1,1-Dichloroethene	0.377	0.377	0.378	0.392	0.391	0.374	AVRG		0.38140072		2.145	15.000
Carbon Disulfide	1.280	1.337	1.316	1.386	1.417	1.354	AVRG		1.34845384		3.621	15.000
Iodomethane	2493	16961	84170	214450	502920	987100	LINR	3.498e-002	1.23226795		0.99904	0.99000
Acrolein	195	1925	8608	20827	46967	87748	LINR	8.925e-003	69.1191074		0.99888	0.99000
Methylene Chloride	11267	22284	64736	156740	309930	579210	LINR	-6.33e-002	2.12664432		0.99908	0.99000
Acetone	0.046	0.054	0.042	0.045	0.051	0.044	AVRG		4.719e-002		9.176	15.000
Isobutyl Alcohol	0.018	0.020	0.020	0.024	0.023	0.023	AVRG		2.137e-002		9.820	15.000
trans-1,2-Dichloroethene	0.447	0.458	0.446	0.464	0.462	0.456	AVRG		0.45539663		1.641	15.000
Allyl Chloride	0.623	0.597	0.673	0.668	0.674	0.653	AVRG		0.64793169		4.855	15.000
Acetonitrile	1423	4822	17099	41582	86452	172840	LINR	-4.49e-002	71.2510523		0.99988	0.99000
Chloroprene	0.566	0.541	0.645	0.653	0.649	0.656	AVRG		0.61830563		8.241	15.000
Methacrylonitrile	0.315	0.377	0.402	0.401	0.376	0.348	AVRG		0.36973348		8.999	15.000
Propionitrile	0.073	0.082	0.082	0.086	0.084	0.080	AVRG		8.119e-002		5.516	15.000
1,1-Dichloroethane	0.814	0.785	0.755	0.804	0.784	0.786	AVRG		0.78781496		2.543	15.000
Acrylonitrile	852	4546	20089	49245	111160	206900	LINR	-6.8e-002	29.4414026		0.99865	0.99000
Vinyl Acetate	0.612	0.620	0.621	0.774	0.783	0.780	AVRG		0.69824915		12.681	15.000
cis-1,2-Dichloroethene	0.466	0.519	0.508	0.567	0.560	0.562	AVRG		0.53024180		7.568	15.000
Methyl Methacrylate	1747	10733	54231	151340	310380	623450	LINR	1.98e-002	3.31950743		0.99991	0.99000
Chloroform	0.820	0.840	0.791	0.852	0.830	0.830	AVRG		0.82751270		2.499	15.000
Carbon Tetrachloride	0.269	0.280	0.286	0.318	0.305	0.313	AVRG		0.29525167		6.651	15.000
1,1,1-Trichloroethane	0.610	0.631	0.602	0.658	0.620	0.626	AVRG		0.62434714		3.134	15.000
2-Butanone	0.058	0.073	0.060	0.070	0.071	0.068	AVRG		6.692e-002		9.303	15.000
Benzene	1.013	1.140	1.127	1.185	1.183	1.173	AVRG		1.13688736		5.722	15.000
Ethyl Methacrylate	1797	14267	73092	206570	430550	853630	LINR	2.082e-002	2.41799817		0.99982	0.99000
1,2-Dichloroethane	0.371	0.401	0.378	0.400	0.392	0.396	AVRG		0.38967257		3.207	15.000
Trichloroethene	0.255	0.280	0.273	0.297	0.298	0.288	AVRG		0.28202158		5.838	15.000
Dibromomethane	0.184	0.202	0.191	0.200	0.209	0.204	AVRG		0.19823705		4.720	15.000
1,2-Dichloropropane	1479	15052	56100	154360	313830	620180	LINR	4.888e-003	3.33914276		0.99991	0.99000
Bromodichloromethane	0.326	0.349	0.351	0.374	0.384	0.380	AVRG		0.36067536		6.183	15.000
cis-1,3-dichloropropene	0.333	0.419	0.440	0.481	0.489	0.488	AVRG		0.44158354		13.709	15.000
1,4-Dioxane	351	2847	11162	35165	68495	130150	LINR	-0.1214988	315.689374		0.99878	0.99000
Toluene	0.526	0.680	0.671	0.752	0.741	0.735	AVRG		0.68417451		12.309	15.000
4-methyl-2-pentanone	0.257	0.362	0.315	0.335	0.342	0.299	AVRG		0.31850613		11.593	15.000
Tetrachloroethene	0.243	0.238	0.230	0.254	0.245	0.235	AVRG		0.24116030		3.480	15.000
trans-1,3-Dichloropropene	0.282	0.368	0.359	0.404	0.416	0.417	AVRG		0.37427975		13.736	15.000
1,1,2-Trichloroethane	0.223	0.248	0.224	0.237	0.240	0.235	AVRG		0.23438563		4.143	15.000
Dibromochloromethane	0.277	0.324	0.336	0.384	0.385	0.385	AVRG		0.34873437		12.660	15.000
1,2-Dibromoethane	0.295	0.306	0.297	0.319	0.330	0.321	AVRG		0.31139884		4.546	15.000

FORM 6
VOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date(s): 08/23/04 08/23/04

Column: RTX-VMS ID: 0.18 (mm) Calibration Time(s): 1441 1826

LAB FILE ID: RF1: Z2946 RF5: Z2944 RF20: Z2943
RF50: Z2942 RF100: Z2948 RF200: Z2947

COMPOUND	RF1	RF5	RF20	RF50	RF100	RF200	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
2-Hexanone	0.198	0.282	0.258	0.293	0.282	0.262	AVRG		0.26274963		12.993	15.000
Chlorobenzene	0.880	0.936	0.912	0.987	0.941	0.920	AVRG		0.92969149		3.813	15.000
Ethylbenzene	1.344	1.387	1.408	1.552	1.455	1.377	AVRG		1.42052759		5.237	15.000
1,1,1,2-Tetrachloroethane	0.272	0.308	0.308	0.347	0.332	0.328	AVRG		0.31571318		8.208	15.000
Xylenes (total)							AVRG					0.000
m+p-Xylenes	0.431	0.523	0.538	0.596	0.561	0.520	AVRG		0.52808926		10.458	15.000
o-Xylene	2807	19462	85926	239060	482990	963530	LINR	2.293e-003	1.83449000		0.99979	0.99000
Styrene	4901	34940	155020	435900	897040	1734100	LINR	-3.69e-003	1.01444812		0.99945	0.99000
Bromoform	1233	8904	36124	106990	230750	466130	LINR	2.667e-002	3.78556323		0.99974	0.99000
trans-1,4-Dichloro-2-Bute	633	4819	21550	58733	117960	234040	LINR	2.255e-002	3.33331553		0.99920	0.99000
1,1,2,2-Tetrachloroethane	0.957	1.047	0.920	1.017	0.972	1.014	AVRG		0.98764809		4.712	15.000
1,2,3-Trichloropropane	0.990	1.085	1.077	1.239	1.174	1.200	AVRG		1.12757854		8.206	15.000
Pentachloroethane	0.501	0.512	0.624	0.616	0.570	0.663	AVRG		0.58106488		11.196	15.000
1,3-Dichlorobenzene	1.154	1.322	1.284	1.391	1.375	1.437	AVRG		1.32714785		7.560	15.000
1,4-Dichlorobenzene	1.498	1.466	1.332	1.474	1.396	1.334	AVRG		1.41656474		5.179	15.000
1,2-Dichlorobenzene	1.206	1.250	1.241	1.443	1.310	1.401	AVRG		1.30855352		7.272	15.000
1,2-Dibromo-3-Chloropropa	0.235	0.246	0.225	0.247	0.236	0.253	AVRG		0.24035624		4.139	15.000
1,2,4-Trichlorobenzene	0.567	0.660	0.657	0.741	0.713	0.756	AVRG		0.68238265		10.232	15.000
Dibromofluoromethane	0.532	0.470	0.508	0.560	0.529	0.522	AVRG		0.52029112		5.755	15.000
1,2-Dichloroethane-D4	0.589	0.499	0.527	0.567	0.530	0.532	AVRG		0.54066461		5.904	15.000
Toluene-D8	0.812	0.785	0.893	1.022	1.004	0.977	AVRG		0.91534800		11.057	15.000
P-Bromofluorobenzene	0.304	0.290	0.329	0.375	0.365	0.360	AVRG		0.33722865		10.380	15.000

Average %RSD test result.

Calculate Average %RSD: 7.670569420
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: ZB925 BFB Injection Date: 10/04/04

Instrument ID: GCMS-Z BFB Injection Time: 0811

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.6
75	30.0 - 60.0% of mass 95	46.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	63.6
175	5.0 - 9.0% of mass 174	5.5 (8.6)1
176	95.0 - 101.0% of mass 174	60.5 (95.2)1
177	5.0 - 9.0% of mass 176	3.8 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z04A	Z3530	10/04/04	0837
02	WG10479-LCS	WG10479-1	Z3531	10/04/04	0916
03	WG10479-BLANK	WG10479-2	Z3533	10/04/04	1034
04	KWFCGS-MW05-0904	WU3256-1	Z3543	10/04/04	1701
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date: 10/04/04 Time: 0837

Lab File ID: Z3530 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Dichlorodifluoromethane	0.3640000	0.3773600	0.3773600	0.01	3.67		AVRG
Chloromethane	0.5340000	0.6070700	0.6070700	0.1	13.68		AVRG
Vinyl chloride	0.4940000	0.5431900	0.5431900	0.01	9.96	20.00	AVRG
Bromomethane	0.2820000	0.3335700	0.3335700	0.01	18.29		AVRG
Chloroethane	50.653000	50.000000	0.3072200	0.01	1.31		2RDR
Trichlorofluoromethane	0.5660000	0.5677500	0.5677500	0.01	0.31		AVRG
1,1-Dichloroethene	0.3820000	0.4144600	0.4144600	0.1	8.50	20.00	AVRG
Carbon Disulfide	1.3480000	1.4511000	1.4511000	0.01	7.65		AVRG
Iodomethane	37.628000	50.000000	0.5823300	0.01	-24.74		LINR
Acrolein	189.75000	250.00000	1.1e-002	0.01	-24.10		LINR
Methylene Chloride	52.373000	50.000000	0.5223200	0.01	4.75		LINR
Acetone	4.7e-002	2.19e-002	2.19e-002	0.01	-53.40		AVRG
Isobutyl Alcohol	2.1e-002	1.57e-002	1.57e-002	0.01	-25.24		AVRG
trans-1,2-Dichloroethene	0.4560000	0.4650500	0.4650500	0.01	1.98		AVRG
Allyl Chloride	0.6480000	0.6675600	0.6675600	0.01	3.02		AVRG
Acetonitrile	433.64000	500.00000	1.22e-002	0.01	-13.27		LINR
Chloroprene	0.6180000	0.6547500	0.6547500	0.01	5.95		AVRG
Methacrylonitrile	0.3700000	0.3360600	0.3360600	0.01	-9.17		AVRG
Propionitrile	8.1e-002	7.4e-002	7.4e-002	0.01	-8.64		AVRG
1,1-Dichloroethane	0.7880000	0.9076200	0.9076200	0.3	15.18		AVRG
Acrylonitrile	254.92000	250.00000	3.51e-002	0.01	1.97		LINR
Vinyl Acetate	0.6980000	0.7072200	0.7072200	0.01	1.32		AVRG
cis-1,2-Dichloroethene	0.5300000	0.5511100	0.5511100	0.01	3.98		AVRG
Methyl Methacrylate	39.745000	50.000000	0.2335000	0.01	-20.51		LINR
Chloroform	0.8270000	0.7991900	0.7991900	0.01	-3.36	20.00	AVRG
Carbon Tetrachloride	0.2950000	0.2861900	0.2861900	0.01	-2.99		AVRG
1,1,1-Trichloroethane	0.6240000	0.5841700	0.5841700	0.01	-6.38		AVRG
2-Butanone	6.7e-002	4.77e-002	4.77e-002	0.01	-28.81		AVRG
Benzene	1.1370000	1.1318000	1.1318000	0.01	-0.46		AVRG

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date: 10/04/04 Time: 0837

Lab File ID: Z3530 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethyl Methacrylate	43.882000	50.000000	0.3543500	0.01	-12.24		LINR	
1,2-Dichloroethane	0.3900000	0.3422900	0.3422900	0.01	-12.23		AVRG	
Trichloroethene	0.2820000	0.2808600	0.2808600	0.01	-0.40		AVRG	
Dibromomethane	0.1980000	0.1876600	0.1876600	0.01	-5.22		AVRG	
1,2-Dichloropropane	47.693000	50.000000	0.2842000	0.01	-4.61	20.00	LINR	
Bromodichloromethane	0.3610000	0.3389700	0.3389700	0.01	-6.10		AVRG	
cis-1,3-dichloropropene	0.4420000	0.4528700	0.4528700	0.01	2.46		AVRG	
1,4-Dioxane	786.28000	1000.0000	2.51e-003	0.01	-21.37		LINR	<-
Toluene	0.6840000	0.6879000	0.6879000	0.01	0.57	20.00	AVRG	
4-methyl-2-pentanone	0.3180000	0.2960000	0.2960000	0.01	-6.92		AVRG	
Tetrachloroethene	0.2410000	0.2508300	0.2508300	0.01	4.08		AVRG	
trans-1,3-Dichloropropene	0.3740000	0.3697400	0.3697400	0.01	-1.14		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2264600	0.2264600	0.01	-3.22		AVRG	
Dibromochloromethane	0.3480000	0.3485400	0.3485400	0.01	0.16		AVRG	
1,2-Dibromoethane	0.3110000	0.2933000	0.2933000	0.01	-5.69		AVRG	
2-Hexanone	0.2620000	0.2554100	0.2554100	0.01	-2.52		AVRG	
Chlorobenzene	0.9290000	0.9112100	0.9112100	0.3	-1.92		AVRG	
Ethylbenzene	1.4200000	1.4426000	1.4426000	0.01	1.59	20.00	AVRG	
1,1,1,2-Tetrachloroethane	0.3160000	0.3146400	0.3146400	0.01	-0.43		AVRG	
Xylenes (total)	0.0000000	0.5773000	0.5773000	0.01	0.00		AVRG	<-
m+p-Xylenes	0.5280000	0.5818000	0.5818000	0.01	10.19		AVRG	
o-Xylene	52.243000	50.000000	0.5683100	0.01	4.49		LINR	
Styrene	50.176000	50.000000	0.9928600	0.01	0.35		LINR	
Bromoform	46.521000	50.000000	0.2387400	0.1	-6.96		LINR	
trans-1,4-Dichloro-2-Butene	40.309000	50.000000	0.2350900	0.01	-19.38		LINR	
1,1,2,2-Tetrachloroethane	0.9880000	0.8618600	0.8618600	0.3	-12.77		AVRG	
1,2,3-Trichloropropane	1.1280000	1.0126000	1.0126000	0.01	-10.23		AVRG	
Pentachloroethane	0.5810000	0.5957200	0.5957200	0.01	2.53		AVRG	
1,3-Dichlorobenzene	1.3270000	1.3963000	1.3963000	0.01	5.22		AVRG	

FORM VII PEST

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date: 10/07/04 Time: 0856

Lab File ID: Z3590 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
Ethyl Methacrylate	51.089000	50.000000	0.4139600	0.01	2.18		LINR	
1,2-Dichloroethane	0.3900000	0.3568300	0.3568300	0.01	-8.50		AVRG	
Trichloroethene	0.2820000	0.2860800	0.2860800	0.01	1.45		AVRG	
Dibromomethane	0.1980000	0.2005100	0.2005100	0.01	1.27		AVRG	
1,2-Dichloropropane	51.035000	50.000000	0.3042200	0.01	2.07	20.00	LINR	
Bromodichloromethane	0.3610000	0.3674700	0.3674700	0.01	1.79		AVRG	
cis-1,3-dichloropropene	0.4420000	0.4755300	0.4755300	0.01	7.59		AVRG	
1,4-Dioxane	1062.2000	1000.0000	~~3.38e-003~~	0.01	6.22		LINR	<-
Toluene	0.6840000	0.7416900	0.7416900	0.01	8.43	20.00	AVRG	
4-methyl-2-pentanone	0.3180000	0.3424000	0.3424000	0.01	7.67		AVRG	
Tetrachloroethene	0.2410000	0.2487000	0.2487000	0.01	3.20		AVRG	
trans-1,3-Dichloropropene	0.3740000	0.3933900	0.3933900	0.01	5.18		AVRG	
1,1,2-Trichloroethane	0.2340000	0.2444500	0.2444500	0.01	4.46		AVRG	
Dibromochloromethane	0.3480000	0.3770400	0.3770400	0.01	8.34		AVRG	
1,2-Dibromoethane	0.3110000	0.3160100	0.3160100	0.01	1.61		AVRG	
2-Hexanone	0.2620000	0.2778800	0.2778800	0.01	6.06		AVRG	
Chlorobenzene	0.9290000	0.9594300	0.9594300	0.3	3.28		AVRG	
Ethylbenzene	1.4200000	1.5089000	1.5089000	0.01	6.26	20.00	AVRG	
1,1,1,2-Tetrachloroethane	0.3160000	0.3244800	0.3244800	0.01	2.68		AVRG	
Xylenes (total)	0.0000000	0.5894600	0.5894600	0.01	0.00		AVRG	<-
m+p-Xylenes	0.5280000	0.5919900	0.5919900	0.01	12.12		AVRG	
o-Xylene	53.718000	50.000000	0.5843900	0.01	7.44		LINR	
Styrene	52.567000	50.000000	1.0400000	0.01	5.13		LINR	
Bromoform	51.128000	50.000000	0.2630800	0.1	2.26		LINR	
trans-1,4-Dichloro-2-Butene	44.554000	50.000000	0.2605600	0.01	-10.89		LINR	
1,1,2,2-Tetrachloroethane	0.9880000	0.9416400	0.9416400	0.3	-4.69		AVRG	
1,2,3-Trichloropropane	1.1280000	1.0991000	1.0991000	0.01	-2.56		AVRG	
Pentachloroethane	0.5810000	0.6246500	0.6246500	0.01	7.51		AVRG	
1,3-Dichlorobenzene	1.3270000	1.4093000	1.4093000	0.01	6.20		AVRG	

FORM VII PEST

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Lab File ID: ZB925 BFB Injection Date: 10/04/04

Instrument ID: GCMS-Z BFB Injection Time: 0811

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.6
75	30.0 - 60.0% of mass 95	46.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	8.8
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	Greater than 50.0% of mass 95	63.6
175	5.0 - 9.0% of mass 174	5.5 (8.6)1
176	95.0 - 101.0% of mass 174	60.5 (95.2)1
177	5.0 - 9.0% of mass 176	3.8 (6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		VSTD050Z04A	Z3530	10/04/04	0837
02	WG10479-LCS	WG10479-1	Z3531	10/04/04	0916
03	WG10479-BLANK	WG10479-2	Z3533	10/04/04	1034
04	KWFCGS-MW05-0904	WU3256-1	Z3543	10/04/04	1701
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM V VOA

FORM 7B
VOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO 351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-Z Calibration Date: 10/07/04 Time: 0856

Lab File ID: Z3590 Init. Calib. Date(s): 08/23/04 08/23/04

Init. Calib. Times: 1441 1826

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF or AMOUNT	RRF50.000 or AMOUNT	CCAL RRF50.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
1,4-Dichlorobenzene	1.4170000	1.4265000	1.4265000	0.01	0.67		AVRG
1,2-Dichlorobenzene	1.3080000	1.3254000	1.3254000	0.01	1.33		AVRG
1,2-Dibromo-3-Chloropropane	0.2400000	0.2613600	0.2613600	0.01	8.90		AVRG
1,2,4-Trichlorobenzene	0.6820000	0.7696000	0.7696000	0.01	12.84		AVRG
Dibromofluoromethane	0.5200000	0.5156800	0.5156800	0.01	-0.83		AVRG
1,2-Dichloroethane-D4	0.5410000	0.4713300	0.4713300	0.01	-12.88		AVRG
Toluene-D8	0.9160000	1.0263000	1.0263000	0.01	12.04		AVRG
P-Bromofluorobenzene	0.3370000	0.3722900	0.3722900	0.01	10.47		AVRG

FORM VII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10407-1
Client ID: WG10407-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	5	1.0	10	10	5
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	3	1.0	10	10	3
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10407-1
Client ID: WG10407-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/01/04
Analysis Date: 10/27/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10407-1
Client ID: WG10407-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10407
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		84%				
321-60-8	2-Fluorobiphenyl		104%				
118-79-6	2,4,6-Tribromophenol		100%				
1718-51-0	Terphenyl-D14		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10494-1
Client ID: WG10494-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	5	1.0	10	10	5
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	3	1.0	10	10	3
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10494-1
Client ID: WG10494-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/04/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10494-1
Client ID: WG10494-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10494
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		73%				
13127-88-3	Phenol-D6		45%				
4165-60-0	Nitrobenzene-D5		90%				
321-60-8	2-Fluorobiphenyl		106%				
118-79-6	2,4,6-Tribromophenol		107%				
1718-51-0	Terphenyl-D14		125%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10681-1
Client ID: WG10681-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
109-06-8	2-Picoline	U	5	1.0	10	10	5
110-86-1	Pyridine	U	3	1.0	50	50	3
62-75-9	N-Nitrosodimethylamine	U	2	1.0	20	20	2
62-53-3	Aniline	U	3	1.0	10	10	3
108-95-2	Phenol	U	6	1.0	10	10	6
111-44-4	Bis(2-Chloroethyl)ether	U	3	1.0	10	10	3
95-57-8	2-Chlorophenol	U	5	1.0	10	10	5
100-51-6	Benzyl alcohol	U	3	1.0	20	20	3
108-60-1	Bis(2-Chloroisopropyl)ether	U	2	1.0	10	10	2
95-48-7	2-Methylphenol	U	5	1.0	10	10	5
67-72-1	Hexachloroethane	U	2	1.0	10	10	2
621-64-7	N-Nitroso-di-n-propylamine	U	2	1.0	10	10	2
106-44-5	3&4-Methylphenol	U	5	1.0	10	10	5
98-95-3	Nitrobenzene	U	3	1.0	10	10	3
78-59-1	Isophorone	U	2	1.0	10	10	2
88-75-5	2-Nitrophenol	U	6	1.0	10	10	6
105-67-9	2,4-Dimethyphenol	U	8	1.0	10	10	8
111-91-1	Bis(2-Chloroethoxy)methane	U	3	1.0	10	10	3
120-83-2	2,4-Dichlorophenol	U	6	1.0	10	10	6
91-20-3	Naphthalene	U	3	1.0	10	10	3
106-47-8	4-Chloroaniline	U	4	1.0	10	10	4
87-68-3	Hexachlorobutadiene	U	4	1.0	10	10	4
59-50-7	4-Chloro-3-Methylphenol	U	6	1.0	10	10	6
91-57-6	2-Methylnaphthalene	U	5	1.0	10	10	5
77-47-4	Hexachlorocyclopentadiene	U	2	1.0	10	10	2
88-06-2	2,4,6-Trichlorophenol	U	8	1.0	10	10	8
95-95-4	2,4,5-Trichlorophenol	U	7	1.0	25	25	7
91-58-7	2-Chloronaphthalene	U	3	1.0	10	10	3
88-74-4	2-Nitroaniline	U	3	1.0	25	25	3
208-96-8	Acenaphthylene	U	3	1.0	10	10	3
131-11-3	Dimethyl Phthalate	U	3	1.0	10	10	3
606-20-2	2,6-Dinitrotoluene	U	3	1.0	10	10	3
83-32-9	Acenaphthene	U	2	1.0	10	10	2
99-09-2	3-Nitroaniline	U	3	1.0	25	25	3
51-28-5	2,4-Dinitrophenol	U	5	1.0	25	25	5
132-64-9	Dibenzofuran	U	4	1.0	10	10	4
100-02-7	4-Nitrophenol	U	6	1.0	25	25	6
121-14-2	2,4-Dinitrotoluene	U	4	1.0	10	10	4
86-73-7	Fluorene	U	3	1.0	10	10	3
84-66-2	Diethylphthalate	U	2	1.0	10	10	2
7005-72-3	4-Chlorophenyl-phenylether	U	3	1.0	10	10	3
100-01-6	4-Nitroaniline	U	5	1.0	25	25	5
534-52-1	4,6-Dinitro-2-Methylphenol	U	10	1.0	25	25	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10681-1
Client ID: WG10681-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
86-30-6	N-Nitrosodiphenylamine/DPA	U	8	1.0	10	10	8
101-55-3	4-Bromophenyl-phenylether	U	5	1.0	10	10	5
118-74-1	Hexachlorobenzene	U	4	1.0	10	10	4
87-86-5	Pentachlorophenol	U	9	1.0	25	25	9
85-01-8	Phenanthrene	U	3	1.0	10	10	3
120-12-7	Anthracene	U	3	1.0	10	10	3
84-74-2	Di-n-butylphthalate	U	2	1.0	10	10	2
206-44-0	Fluoranthene	U	3	1.0	10	10	3
129-00-0	Pyrene	U	4	1.0	10	10	4
85-68-7	Butylbenzylphthalate	U	3	1.0	10	10	3
56-55-3	Benzo(a)anthracene	U	3	1.0	10	10	3
218-01-9	Chrysene	U	3	1.0	10	10	3
91-94-1	3,3'-Dichlorobenzidine	U	4	1.0	10	10	4
117-81-7	bis(2-Ethylhexyl)phthalate	U	8	1.0	10	10	8
117-84-0	Di-n-octylphthalate	U	3	1.0	10	10	3
205-99-2	Benzo(b)fluoranthene	U	2	1.0	10	10	2
207-08-9	Benzo(k)fluoranthene	U	3	1.0	10	10	3
50-32-8	Benzo(a)pyrene	U	2	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	U	2	1.0	10	10	2
53-70-3	Dibenzo(a,h)anthracene	U	2	1.0	10	10	2
191-24-2	Benzo(g,h,i)perylene	U	2	1.0	10	10	2
10595-95-6	N-Nitrosomethylethylamine	U	5	1.0	10	10	5
66-27-3	Methyl Methanesulfonate	U	10	1.0	20	20	10
55-18-5	N-Nitrosodiethylamine	U	10	1.0	20	20	10
62-50-0	Ethyl Methanesulfonate	U	5	1.0	10	10	5
930-55-2	N-Nitrosopyrrolidine	U	5	1.0	10	10	5
59-89-2	N-Nitrosomorpholine	U	5	1.0	10	10	5
95-53-4	o-Toluidine	U	5	1.0	10	10	5
98-86-2	Acetophenone	U	3	1.0	10	10	3
100-75-4	N-Nitrosopiperidine	U	5	1.0	10	10	5
126-68-1	O,O,O-Triethylphosphorothioat	U	10	1.0	20	20	10
87-65-0	2,6-Dichlorophenol	U	5	1.0	10	10	5
1888-71-7	Hexachloropropene	U	5	1.0	10	10	5
122-09-8	A,A-Dimethylphenethylamine	U	5	1.0	10	10	5
924-16-3	N-Nitroso-Di-N-Butylamine	U	5	1.0	10	10	5
120-58-1	Isosafrole	U	10	1.0	20	20	10
106-50-3	p-Phenylenediamine	U	5	1.0	10	10	5
95-94-3	1,2,4,5-Tetrachlorobenzene	U	5	1.0	10	10	5
94-59-7	Safrole	U	5	1.0	10	10	5
130-15-4	1,4-Naphthoquinone	U	5	1.0	10	10	5
99-65-0	1,3-Dinitrobenzene	U	5	1.0	10	10	5
608-93-5	Pentachlorobenzene	U	5	1.0	10	10	5
91-59-8	2-Naphthylamine	U	5	1.0	10	10	5

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/28/04
Report Date: 10/29/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10681-1
Client ID: WG10681-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10681
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
134-32-7	1-Naphthylamine	U	5	1.0	10	10	5
58-90-2	2,3,4,6-Tetrachlorophenol	U	5	1.0	10	10	5
297-97-2	0,0-diethyl-o-2-pyrazinylphos	U	10	1.0	20	20	10
99-55-8	5-Nitro-O-Toluidine	U	10	1.0	20	20	10
3689-24-5	Sulfotepp	U	5	1.0	10	10	5
99-35-4	1,3,5-Trinitrobenzene	U	5	1.0	10	10	5
2303-16-4	Diallate	U	10	1.0	20	20	10
62-44-2	Phenacetin	U	5	1.0	10	10	5
60-51-5	Dimethoate	U	5	1.0	10	10	5
92-67-1	4-Aminobiphenyl	U	5	1.0	10	10	5
82-68-8	Pentachloronitrobenzene	U	5	1.0	10	10	5
23950-58-5	Pronamide	U	5	1.0	10	10	5
56-57-5	4-Nitroquinoline-1-Oxide	U	10	1.0	20	20	10
91-80-5	Methapyrilene	U	5	1.0	10	10	5
465-73-6	Isodrin	U	10	1.0	20	20	10
140-57-8	Aramite	U	10	1.0	20	20	10
60-11-7	p-Dimethylaminoazobenzene	U	10	1.0	20	20	10
510-15-6	Chlorobenzilate	U	10	1.0	20	20	10
143-50-0	Kepone	U	5	1.0	10	10	5
119-93-7	3,3'-Dimethylbenzidine	U	10	1.0	20	20	10
53-96-3	2-Acetylaminofluorene	U	5	1.0	10	10	5
56-49-5	3-Methylcholanthrene	U	5	1.0	10	10	5
57-97-6	7,12-Dimethylbenz(A)Anthracen	U	5	1.0	10	10	5
70-30-4	Hexachlorophene	U	5	1.0	10	10	5
56-38-2	Parathion	U	5	1.0	10	10	5
88-85-7	Dinoseb	U	2	1.0	5	5	2
367-12-4	2-Fluorophenol		66%				
13127-88-3	Phenol-D6		40%				
4165-60-0	Nitrobenzene-D5		95%				
321-60-8	2-Fluorobiphenyl		J117%				
118-79-6	2,4,6-Tribromophenol		112%				
1718-51-0	Terphenyl-D14		140%				

FORM 2
WATER SEMIVOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

	CLIENT SAMPLE ID	LAB SAMPLE ID	S1 2FP#	S2 PHL#	S3 NBZ#	S4 FBP#	S5 TBP#	S6 TPH#	S7 #	S8 #	TOT OUT
01	WG10407-BLANK	WG10407-1	66	40	84	104	100	117			0
02	KWFCGS-MW05-0904	WU3256-1	67	40	91	116J	115	158			1
03	KWFCGS-MW10-0904	WU3256-2	72	44	93	115J	124	150			1
04	KWFCGS-MW09-0904	WU3256-3	70	43	86	112	118	129			0
05	KWFCGS-MW22-0904	WU3256-4	52	33	64	86	115	101			0
06	KWFCGS-MW11-0904	WU3256-5	68	42	85	110	118	114			0
07	KWFCGS-MW19-0904	WU3256-6	61	35	80	108	112	150			0
08	KWFCGS-MW06-0904	WU3256-7	60	36	74	101	105	111			0
09	KWFCGS-MW12-0904	WU3256-8	70	42	89	116J	115	119			1
10	KWFCGS-MW07-0904	WU3256-9	63	39	73	102	118	115			0
11	KWFCGS-FD01-0904	WU3256-10	75	47	84	119J	129	125			1
12	WG10407-LCS	WG10407-2	69	43	88	112	121	120			0
13	KWFCGS-MW06-0904MS	WG10407-3	65	40	87	115J	128	120			1
14	KWFCGS-MW06-0904MSD	WG10407-4	65	39	71	95	121	120			0
15	KWFCGS-MW08-0904	WU3256-11	71	44	80	111	118	119			0
16	KWFCGS-EB01-0904	WU3256-12	68	41	87	109	110	120			0
17	KWFCGS-FB01-0904	WU3256-13RE	55	33	71	94	102	135			0
18	KWFCGS-DRUM01-0904	WU3256-14RE	66	39	86	108	107	116			0
19	KWFCGS-DRUM02-0904	WU3256-15	71	45	90	112	115	139			0
20	KWFCGS-MW07-0904	WU3256-9DL	68	41	88	124J	138	152			1
21	KWFCGS-FD01-0904	WU3256-10DL	79	49	106	149J	162J	156			2
22	KWFCGS-MW08-0904	WU3256-11DL	76	46	103	134J	153J	182J			3
23	WG10494-BLANK	WG10494-1	73	45	90	106	107	125			0
24	WG10494-LCS	WG10494-2	73	47	94	119J	120	129			1
25	WG10494-LCSD	WG10494-3	72	45	92	110	119	124			0
26	WG10681-BLANK	WG10681-1	66	40	95	117J	112	140			1
27	WG10681-LCS	WG10681-2	58	37	79	103	115	125			0
28	WG10681-LCSD	WG10681-3	62	38	80	103	103	109			0

		QC LIMITS
S1 (2FP)	= 2-Fluorophenol	(18-103)
S2 (PHL)	= Phenol-D6	(11-117)
S3 (NBZ)	= Nitrobenzene-D5	(48-109)
S4 (FBP)	= 2-Fluorobiphenyl	(37-112)
S5 (TBP)	= 2,4,6-Tribromophenol	(22-145)
S6 (TPH)	= Terphenyl-D14	(39-164)

Column to be used to flag recovery values
J Values outside of contract required QC limits
D Surrogate diluted out

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10407-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: U9103 Lab Sample ID: WG10407-1

Instrument ID: GCMS-U Date Extracted: 10/01/04

Matrix: (soil/water) WATER Date Analyzed: 10/27/04

Level: (low/med) LOW Time Analyzed: 1350

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	KWFCGS-MW05-0904	WU3256-1	U9104	10/27/04	1435
02	KWFCGS-MW10-0904	WU3256-2	U9105	10/27/04	1520
03	KWFCGS-MW09-0904	WU3256-3	U9106	10/27/04	1605
04	KWFCGS-MW22-0904	WU3256-4	U9107	10/27/04	1649
05	KWFCGS-MW11-0904	WU3256-5	U9108	10/27/04	1735
06	KWFCGS-MW19-0904	WU3256-6	U9109	10/27/04	1819
07	KWFCGS-MW06-0904	WU3256-7	U9110	10/27/04	1904
08	KWFCGS-MW12-0904	WU3256-8	U9111	10/27/04	1948
09	KWFCGS-MW07-0904	WU3256-9	U9112	10/27/04	2033
10	KWFCGS-FD01-0904	WU3256-10	U9113	10/27/04	2118
11	WG10407-LCS	WG10407-2	U9114	10/27/04	2203
12	KWFCGS-MW06-0904MS	WG10407-3	U9115	10/27/04	2247
13	KWFCGS-MW06-0904MSD	WG10407-4	U9116	10/27/04	2331
14	KWFCGS-MW07-0904	WU3256-9DL	U9123	10/28/04	1403
15	KWFCGS-FD01-0904	WU3256-10DL	U9124	10/28/04	1447
16					
17					
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COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10494-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: U9126 Lab Sample ID: WG10494-1

Instrument ID: GCMS-U Date Extracted: 10/04/04

Matrix: (soil/water) WATER Date Analyzed: 10/28/04

Level: (low/med) LOW Time Analyzed: 1617

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	KWFCGS-MW08-0904	WU3256-11	U9118	10/28/04	1019
02	KWFCGS-EB01-0904	WU3256-12	U9119	10/28/04	1104
03	KWFCGS-DRUM02-0904	WU3256-15	U9122	10/28/04	1318
04	KWFCGS-MW08-0904	WU3256-11DL	U9125	10/28/04	1532
05	WG10494-LCS	WG10494-2	U9127	10/28/04	1702
06	WG10494-LCSD	WG10494-3	U9128	10/28/04	1746
07					
08					
09					
10					
11					
12					
13					
14					
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30					

COMMENTS:

FORM IV SV

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG10681-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: U9129 Lab Sample ID: WG10681-1

Instrument ID: GCMS-U Date Extracted: 10/08/04

Matrix: (soil/water) WATER Date Analyzed: 10/28/04

Level: (low/med) LOW Time Analyzed: 1831

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	KWFCGS-FB01-0904	WU3256-13RE	U9120	10/28/04	1149
02	KWFCGS-DRUM01-0904	WU3256-14RE	U9121	10/28/04	1234
03	WG10681-LCS	WG10681-2	U9130	10/28/04	1916
04	WG10681-LCSD	WG10681-3	U9131	10/28/04	2000
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
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27					
28					
29					
30					

COMMENTS:

FORM IV SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: UD836 DFTPP Injection Date: 10/26/04

Instrument ID: GCMS-U DFTPP Injection Time: 0855

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	53.3
68	Less than 2.0% of mass 69	0.5 (0.9)1
69	Less than 100.0% of mass 198	54.6
70	Less than 2.0% of mass 69	0.2 (0.3)1
127	40.0 - 60.0% of mass 198	56.8
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 30.0% of mass 198	21.6
365	1.0 - 100.0% of mass 198	2.3
441	0.0 - 100.0% of mass 443	15.4 (87.3)2
442	40.0 - 100.0% of mass 198	90.9
443	17.0 - 23.0% of mass 442	17.6 (19.4)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD036U1026	U9089	10/26/04	1301
02		SSTD009U1026	U9090	10/26/04	1346
03		SSTD072U1026	U9091	10/26/04	1440
04		SSTD180U1026	U9092	10/26/04	1525
05		SSTD144U1026	U9093	10/26/04	1609
06		SSTD108U1026	U9094	10/26/04	1654
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FORM V SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date(s): 10/26/04 10/26/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0915 1654

LAB FILE ID: RF9: U9090 RF36: U9089 RF72: U9091
RF108: U9094 RF144: U9093 RF180: U9092

COMPOUND	RF9	RF36	RF72	RF108	RF144	RF180	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
2-Picoline	1.424	1.432	1.514	1.466	1.451	1.296	AVRG		1.43052501		5.111	15.000	
Pyridine	1.174	1.336	1.227	1.090	1.233	1.180	AVRG		1.20667294		6.748	15.000	
N-Nitrosodimethylamine	0.754	0.699	0.711	0.657	0.631	0.562	AVRG		0.66918672		10.130	15.000	
Aniline	1.975	1.996	2.160	2.004	1.934	1.880	AVRG		1.99156642		4.736	15.000	
Phenol	1.459	1.527	1.680	1.651	1.569	1.471	AVRG		1.55938662		5.861	15.000	
Bis(2-Chloroethyl)ether	1.266	1.266	1.334	1.226	1.147	1.115	AVRG		1.22562558		6.672	15.000	
2-Chlorophenol	1.186	1.258	1.332	1.147	1.047	0.915	AVRG		1.14754540		13.030	15.000	
Benzyl alcohol	0.547	0.685	0.727	0.713	0.730	0.684	AVRG		0.68099560		10.080	15.000	
Bis(2-Chloroisopropyl)eth	1.765	1.696	1.738	1.559	1.470	1.332	AVRG		1.59334418		10.719	15.000	
2-Methylphenol	1.024	1.134	1.166	1.133	1.139	1.147	AVRG		1.12367220		4.483	15.000	
Hexachloroethane	0.547	0.521	0.444	0.351	0.324	0.312	AVRG		0.41665909		24.561	15.000	<
N-Nitroso-di-n-propylamin	1.077	1.019	1.058	0.949	0.903	0.862	AVRG		0.97818842		8.878	15.000	
3&4-Methylphenol	1.392	1.340	1.383	1.237	1.022	0.979	AVRG		1.22551207		14.931	15.000	
Nitrobenzene	0.336	0.330	0.364	0.329	0.331	0.307	AVRG		0.33286185		5.512	15.000	
Isophorone	0.546	0.592	0.637	0.583	0.501	0.482	AVRG		0.55699032		10.491	15.000	
2-Nitrophenol	0.142	0.158	0.176	0.160	0.161	0.150	AVRG		0.15789365		7.370	15.000	
2,4-Dimethyphenol	0.260	0.286	0.318	0.291	0.292	0.285	AVRG		0.28879245		6.349	15.000	
Bis(2-Chloroethoxy)methan	0.370	0.400	0.423	0.384	0.373	0.357	AVRG		0.38443295		6.214	15.000	
2,4-Dichlorophenol	0.185	0.209	0.234	0.200	0.194	0.175	AVRG		0.19950509		10.315	15.000	
Naphthalene	544790	1963200	3752700	4341600	5440400	7009100	2ORDR	5.479e-002	0.64054125	0.37052810	0.99714	0.99000	
4-Chloroaniline	0.344	0.373	0.341	0.276	0.214	0.170	AVRG		0.28630263		28.276	15.000	<
Hexachlorobutadiene	0.110	0.116	0.106	0.087	0.080	0.066	AVRG		9.435e-002		20.668	15.000	<
4-Chloro-3-Methylphenol	0.219	0.243	0.261	0.238	0.255	0.259	AVRG		0.24606460		6.487	15.000	
2-Methylnaphthalene	0.553	0.561	0.566	0.488	0.466	0.587	AVRG		0.53688449		8.980	15.000	
Hexachlorocyclopentadiene	0.083	0.158	0.185	0.160	0.153	0.123	AVRG		0.14378386		24.700	15.000	<
2,4,6-Trichlorophenol	0.227	0.254	0.262	0.240	0.228	0.201	AVRG		0.23536946		9.210	15.000	
2,4,5-Trichlorophenol	0.214	0.262	0.283	0.257	0.256	0.219	AVRG		0.24861385		10.738	15.000	
2-Chloronaphthalene	1.211	1.149	1.251	1.079	0.953	0.754	AVRG		1.06621419		17.415	15.000	<
2-Nitroaniline	0.283	0.300	0.334	0.324	0.342	0.335	AVRG		0.31959684		7.305	15.000	
Acenaphthylene	486250	1738300	3005000	3446600	4523400	5791200	2ORDR	2.287e-002	0.46014124	0.15143410	0.99115	0.99000	
Dimethyl Phthalate	0.979	0.986	0.839	0.774	0.797	0.746	AVRG		0.85352078		12.246	15.000	
2,6-Dinitrotoluene	0.211	0.225	0.247	0.228	0.232	0.217	AVRG		0.22647663		5.553	15.000	
Acenaphthene	305980	1131700	2128300	2445600	3163100	4125500	2ORDR	4.274e-002	0.66768115	0.29398358	0.99430	0.99000	
3-Nitroaniline	0.205	0.237	0.248	0.225	0.253	0.214	AVRG		0.23044172		8.207	15.000	
2,4-Dinitrophenol	9400	82112	279470	336210	569900	877540	2ORDR	0.13704127	9.63441201	-4.2015162	0.99321	0.99000	
Dibenzofuran	1.171	1.192	1.176	1.044	1.010	0.875	AVRG		1.07811878		11.595	15.000	
4-Nitrophenol	0.036	0.061	0.065	0.055	0.074	0.071	AVRG		6.009e-002		22.939	15.000	<
2,4-Dinitrotoluene	0.246	0.279	0.286	0.253	0.250	0.227	AVRG		0.25679176		8.603	15.000	
Fluorene	0.983	1.002	0.941	0.837	0.790	0.668	AVRG		0.87024578		14.848	15.000	
Diethylphthalate	1.044	1.057	0.977	0.826	0.688	0.503	AVRG		0.84913155		25.986	15.000	<
4-Chlorophenyl-phenylethe	0.414	0.435	0.379	0.323	0.259	0.169	AVRG		0.32995686		30.762	15.000	<
4-Nitroaniline	46471	193530	539680	620490	1060900	1531800	2ORDR	5.706e-002	5.17040513	-1.0197121	0.99209	0.99000	
4,6-Dinitro-2-Methylpheno	0.061	0.094	0.142	0.132	0.119	0.078	AVRG		0.10422535		30.554	15.000	<
N-Nitrosodiphenylamine/DP	0.568	0.628	0.675	0.613	0.536	0.434	AVRG		0.57577246		14.634	15.000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date(s): 10/26/04 10/26/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0915 1654

LAB FILE ID: RF9: U9090 RF36: U9089 RF72: U9091
RF108: U9094 RF144: U9093 RF180: U9092

COMPOUND	RF9	RF36	RF72	RF108	RF144	RF180	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
4-Bromophenyl-phenylether	77971	227960	401490	437810	549730	662060	2ORDR	-7.95e-003	5.60630561	6.91301245	0.99992	0.99000	
Hexachlorobenzene	0.196	0.204	0.212	0.201	0.200	0.181	AVRG		0.19901044		5.285	15.000	
Pentachlorophenol	17784	103760	327520	389310	593890	877570	2ORDR	0.11884427	9.89008959	-4.9384552	0.99646	0.99000	
Phenanthrene	0.853	0.902	1.040	0.980	1.015	1.031	AVRG		0.97031937		7.858	15.000	
Anthracene	0.818	0.895	1.026	0.958	0.981	0.982	AVRG		0.94339743		7.921	15.000	
Di-n-butylphthalate	1.113	1.132	1.279	1.171	1.233	1.200	AVRG		1.18802449		5.257	15.000	
Fluoranthene	253070	1002100	2529600	2829100	4189000	5710200	LINR	0.15464093	1.05213615		0.99273	0.99000	
Pyrene	1.362	1.498	1.525	1.375	1.337	1.400	AVRG		1.41627431		5.460	15.000	
Butylbenzylphthalate	0.654	0.700	0.762	0.729	0.726	0.764	AVRG		0.72245393		5.711	15.000	
Benzo(a)anthracene	0.792	0.909	1.020	0.983	1.051	1.061	AVRG		0.96961474		10.628	15.000	
Chrysene	0.773	0.890	0.922	0.894	0.918	0.904	AVRG		0.88360859		6.292	15.000	
3,3'-Dichlorobenzidine	0.219	0.283	0.319	0.319	0.325	0.280	AVRG		0.29085726		13.800	15.000	
bis(2-Ethylhexyl)phthalat	0.779	0.894	1.004	0.952	0.904	0.945	AVRG		0.91313408		8.361	15.000	
Di-n-octylphthalate	1.168	1.607	2.044	2.287	1.954	2.507	AVRG		1.92793523		24.967	15.000	<
Benzo(b)fluoranthene	87942	440740	1354600	1769400	3256100	3266800	LINR	0.12739724	0.62704007		0.99502	0.99000	
Benzo(k)fluoranthene	1.170	1.445	1.556	1.577	1.144	1.317	AVRG		1.36814795		13.757	15.000	
Benzo(a)pyrene	79111	369440	1096900	1384200	2559400	2637100	LINR	0.11756191	0.78919808		0.99618	0.99000	
Indeno(1,2,3-cd)pyrene	77459	394160	1209500	1354100	2488200	2392700	LINR	2.993e-002	0.85014615		0.99362	0.99000	
Dibenzo(a,h)anthracene	62507	326740	1023600	1160500	2027300	1984400	2ORDR	0.12046557	0.77140981	6.358e-002	0.99418	0.99000	
Benzo(g,h,i)perylene	61950	298580	870460	937580	1837100	1741900	LINR	2.644e-002	1.17594239		0.99652	0.99000	
N-Nitrosomethylethylamine	0.584	0.577	0.610	0.586	0.591	0.593	AVRG		0.59005873		1.901	15.000	
Methyl Methanesulfonate	0.729	0.710	0.758	0.701	0.696	0.675	AVRG		0.71161170		4.053	15.000	
N-Nitrosodiethylamine	0.597	0.612	0.665	0.623	0.625	0.608	AVRG		0.62167837		3.830	15.000	
Ethyl Methanesulfonate	0.995	0.991	1.065	1.003	0.994	0.981	AVRG		1.00483937		3.009	15.000	
N-Nitrosopyrrolidine	0.629	0.656	0.685	0.528	0.500	0.496	AVRG		0.58218819		14.425	15.000	
N-Nitrosomorpholine	0.717	0.746	0.836	0.755	0.741	0.738	AVRG		0.75556697		5.510	15.000	
o-Toluidine	0.508	0.496	0.429	0.356	0.335	0.371	AVRG		0.41585914		17.752	15.000	<
Acetophenone	0.403	0.421	0.450	0.407	0.416	0.406	AVRG		0.41718554		4.178	15.000	
N-Nitrosopiperidine	0.137	0.150	0.167	0.154	0.160	0.158	AVRG		0.15456599		6.647	15.000	
O,O,O-Triethylphosphoroth	0.117	0.128	0.121	0.100	0.092	0.076	AVRG		0.10552304		18.829	15.000	<
2,6-Dichlorophenol	124570	476080	850360	970160	1159400	1432000	2ORDR	9.837e-002	0.91352316	12.3624345	0.99196	0.99000	
Hexachloropropene	0.102	0.125	0.123	0.090	0.069	0.045	AVRG		9.248e-002		33.674	15.000	<
A,A-Dimethylphenethylamin	0.566	0.565	0.499	0.434	0.351	0.391	AVRG		0.46759653		19.328	15.000	<
N-Nitroso-Di-N-Butylamine	0.224	0.258	0.282	0.280	0.268	0.227	AVRG		0.25650266		9.972	15.000	
Isosafrole	0.194	0.209	0.185	0.163	0.160	0.152	AVRG		0.17719985		12.535	15.000	
p-Phenylenediamine	0.340	0.357	0.322	0.277	0.285	0.233	AVRG		0.30219662		15.161	15.000	<
1,2,4,5-Tetrachlorobenzen	119630	467130	893310	1005700	1286800	1680100	2ORDR	5.707e-002	1.42611644	1.95176288	0.99458	0.99000	
Safrole	0.163	0.176	0.190	0.181	0.171	0.138	AVRG		0.16975956		10.674	15.000	
1,4-Naphthoquinone	0.271	0.214	0.170	0.144	0.139	0.101	AVRG		0.17331081		35.115	15.000	<
1,3-Dinitrobenzene	0.142	0.152	0.138	0.127	0.134	0.130	AVRG		0.13710595		6.585	15.000	
Pentachlorobenzene	0.336	0.336	0.296	0.263	0.244	0.196	AVRG		0.27862823		19.736	15.000	<
2-Naphthylamine	0.727	0.774	0.911	0.819	0.774	0.611	AVRG		0.76932501		12.923	15.000	
1-Naphthylamine	0.832	0.881	0.874	0.798	0.817	0.755	AVRG		0.82624518		5.758	15.000	
2,3,4,6-Tetrachlorophenol	0.172	0.194	0.220	0.199	0.198	0.181	AVRG		0.19380072		8.570	15.000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date(s): 10/26/04 10/26/04

Column: DB5-MS ID: 0.25 (mm) Calibration Time(s): 0915 1654

LAB FILE ID: RF9: U9090 RF36: U9089 RF72: U9091
RF108: U9094 RF144: U9093 RF180: U9092

COMPOUND	RF9	RF36	RF72	RF108	RF144	RF180	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
0,0-diethyl-o-2-pyrazinyl	0.207	0.224	0.226	0.201	0.191	0.190	AVRG		0.20651339		7.603	15.000	
5-Nitro-O-Toluidine	0.214	0.240	0.245	0.208	0.242	0.224	AVRG		0.22894578		6.882	15.000	
Sulfotepp	0.143	0.152	0.178	0.170	0.168	0.171	AVRG		0.16368550		8.081	15.000	
1,3,5-Trinitrobenzene	46835	195430	578100	704880	1156500	1669000	2ORDR	0.10946632	5.46076656	-1.5924572	0.99617	0.99000	
Diallate	0.348	0.338	0.354	0.338	0.328	0.310	AVRG		0.33609339		4.613	15.000	
Phenacetin	118220	458430	1267100	1444000	2313200	3452300	2ORDR	6.192e-002	2.68447687	-0.3776131	0.99712	0.99000	
Dimethoate	0.277	0.268	0.294	0.256	0.232	0.157	AVRG		0.24729837		19.716	15.000	<
4-Aminobiphenyl	0.459	0.492	0.630	0.583	0.619	0.651	AVRG		0.57235602		13.788	15.000	
Pentachloronitrobenzene	0.054	0.064	0.072	0.067	0.072	0.080	AVRG		6.82e-002		12.810	15.000	
Pronamide	0.286	0.292	0.301	0.284	0.293	0.283	AVRG		0.28991912		2.359	15.000	
4-Nitroquinoline-1-Oxide	0.010	0.026	0.045	0.044	0.056	0.051	AVRG		3.888e-002		44.779	15.000	<
Methapyrilene	0.153	0.143	0.153	0.150	0.145	0.107	AVRG		0.14186854		12.467	15.000	
Isodrin	0.089	0.095	0.111	0.102	0.104	0.103	AVRG		0.10072439		7.768	15.000	
Aramite	0.054	0.063	0.069	0.067	0.068	0.068	AVRG		6.488e-002		8.408	15.000	
p-Dimethylaminoazobenzene	0.214	0.246	0.269	0.257	0.253	0.272	AVRG		0.25190031		8.309	15.000	
Chlorobenzilate	0.345	0.389	0.412	0.369	0.351	0.369	AVRG		0.37262253		6.635	15.000	
Kepone							AVRG					0.000	<
3,3'-Dimethylbenzidine	0.224	0.253	0.246	0.233	0.312	0.301	AVRG		0.26145655		13.932	15.000	
2-Acetylaminofluorene	41665	209900	603460	766510	1485700	1701900	2ORDR	6.621e-002	2.84271154	-0.3298306	0.99114	0.99000	
3-Methylcholanthrene	0.178	0.250	0.292	0.299	0.365	0.282	AVRG		0.27796290		22.194	15.000	<
7,12-Dimethylbenz(A)Anthr	0.366	0.536	0.593	0.630	0.514	0.584	AVRG		0.53713757		17.376	15.000	<
Hexachlorophene							AVRG					0.000	<
Parathion	0.059	0.068	0.086	0.081	0.085	0.089	AVRG		7.805e-002		15.325	15.000	<
Dinoseb	37012	204120	572540	634350	878500	1170600	LINR	0.12309444	5.05423602		0.99632	0.99000	
2-Fluorophenol	1.037	1.101	1.185	1.140	1.091	0.989	AVRG		1.09066840		6.438	15.000	
Phenol-D6	1.351	1.425	1.567	1.440	1.412	1.330	AVRG		1.42091063		5.874	15.000	
Nitrobenzene-D5	0.316	0.330	0.366	0.334	0.345	0.329	AVRG		0.33680301		5.117	15.000	
2-Fluorobiphenyl	0.999	1.024	0.927	0.817	0.742	0.617	AVRG		0.85433706		18.533	15.000	<
2,4,6-Tribromophenol	0.095	0.113	0.116	0.113	0.113	0.096	AVRG		0.10766987		8.796	15.000	
Terphenyl-D14	0.863	0.990	0.946	0.853	0.799	0.827	AVRG		0.87956648		8.329	15.000	

Average %RSD test result.

Calculate Average %RSD: 13.45084190
Maximum Average %RSD: 15.00000000

Note: Passes Average %RSD Test.

FORM VI SV

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: UD837 DFTPP Injection Date: 10/27/04

Instrument ID: GCMS-U DFTPP Injection Time: 1200

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	41.6
68	Less than 2.0% of mass 69	0.9 (1.9)1
69	Less than 100.0% of mass 198	49.2
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	40.0 - 60.0% of mass 198	54.4
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 30.0% of mass 198	21.9
365	1.0 - 100.0% of mass 198	2.4
441	0.0 - 100.0% of mass 443	16.1 (87.6)2
442	40.0 - 100.0% of mass 198	95.3
443	17.0 - 23.0% of mass 442	18.4 (19.3)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD072U1027	U9101	10/27/04	1220
02	WG10407-BLANK	WG10407-1	U9103	10/27/04	1350
03	KWFCGS-MW05-0904	WU3256-1	U9104	10/27/04	1435
04	KWFCGS-MW10-0904	WU3256-2	U9105	10/27/04	1520
05	KWFCGS-MW09-0904	WU3256-3	U9106	10/27/04	1605
06	KWFCGS-MW22-0904	WU3256-4	U9107	10/27/04	1649
07	KWFCGS-MW11-0904	WU3256-5	U9108	10/27/04	1735
08	KWFCGS-MW19-0904	WU3256-6	U9109	10/27/04	1819
09	KWFCGS-MW06-0904	WU3256-7	U9110	10/27/04	1904
10	KWFCGS-MW12-0904	WU3256-8	U9111	10/27/04	1948
11	KWFCGS-MW07-0904	WU3256-9	U9112	10/27/04	2033
12	KWFCGS-FD01-0904	WU3256-10	U9113	10/27/04	2118
13	WG10407-LCS	WG10407-2	U9114	10/27/04	2203
14	KWFCGS-MW06-0904MS	WG10407-3	U9115	10/27/04	2247
15	KWFCGS-MW06-0904MSD	WG10407-4	U9116	10/27/04	2331
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Picoline	1.4300000	1.5166000	1.5166000	0.01	6.06	100.00	AVRG
Pyridine	1.2070000	1.1696000	1.1696000	0.01	-3.10	100.00	AVRG
N-Nitrosodimethylamine	0.6690000	0.4783500	0.4783500	0.01	-28.50	100.00	AVRG
Aniline	1.9920000	2.0059000	2.0059000	0.01	0.70	100.00	AVRG
Phenol	1.5600000	1.6567000	1.6567000	0.01	6.20	20.00	AVRG
Bis(2-Chloroethyl)ether	1.2260000	1.2652000	1.2652000	0.01	3.20	100.00	AVRG
2-Chlorophenol	1.1480000	1.2696000	1.2696000	0.01	10.59	100.00	AVRG
Benzyl alcohol	0.6810000	0.7768200	0.7768200	0.01	14.07	100.00	AVRG
Bis(2-Chloroisopropyl)ether	1.5930000	1.3846000	1.3846000	0.01	-13.08	100.00	AVRG
2-Methylphenol	1.1240000	1.2376000	1.2376000	0.01	10.11	100.00	AVRG
Hexachloroethane	0.4160000	0.4146800	0.4146800	0.01	-0.32	100.00	AVRG
N-Nitroso-di-n-propylamine	0.9780000	0.8916700	0.8916700	0.05	-8.83	100.00	AVRG
3&4-Methylphenol	1.2260000	1.3001000	1.3001000	0.01	6.04	100.00	AVRG
Nitrobenzene	0.3330000	0.3180400	0.3180400	0.01	-4.49	100.00	AVRG
Isophorone	0.5570000	0.5812500	0.5812500	0.01	4.35	100.00	AVRG
2-Nitrophenol	0.1580000	0.1728300	0.1728300	0.01	9.39	20.00	AVRG
2,4-Dimethyphenol	0.2890000	0.3017300	0.3017300	0.01	4.40	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3840000	0.4038700	0.4038700	0.01	5.17	100.00	AVRG
2,4-Dichlorophenol	0.2000000	0.2286400	0.2286400	0.01	14.32	20.00	AVRG
Naphthalene	68.100000	72.000000	0.7859400	0.01	-5.42	100.00	2RDR
4-Chloroaniline	0.2860000	0.3383700	0.3383700	0.01	18.31	100.00	AVRG
Hexachlorobutadiene	9.4e-002	0.1039200	0.1039200	0.01	10.55	20.00	AVRG
4-Chloro-3-Methylphenol	0.2460000	0.2499200	0.2499200	0.01	1.59	20.00	AVRG
2-Methylnaphthalene	0.5370000	0.5272800	0.5272800	0.01	-1.81	100.00	AVRG
Hexachlorocyclopentadiene	0.1440000	0.1615100	0.1615100	0.05	12.16	100.00	AVRG
2,4,6-Trichlorophenol	0.2350000	0.2672600	0.2672600	0.01	13.73	20.00	AVRG
2,4,5-Trichlorophenol	0.2480000	0.2826000	0.2826000	0.01	13.95	100.00	AVRG
2-Chloronaphthalene	1.0660000	1.1921000	1.1921000	0.01	11.83	100.00	AVRG
2-Nitroaniline	0.3200000	0.2812900	0.2812900	0.01	-12.10	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acenaphthylene	65.045000	72.000000	1.1510000	0.01	-9.66	100.00	2RDR
Dimethyl Phthalate	0.8540000	0.8258600	0.8258600	0.01	-3.30	100.00	AVRG
2,6-Dinitrotoluene	0.2270000	0.2441100	0.2441100	0.01	7.54	100.00	AVRG
Acenaphthene	65.938000	72.000000	0.8126500	0.01	-8.42	20.00	2RDR
3-Nitroaniline	0.2300000	0.2476400	0.2476400	0.01	7.67	100.00	AVRG
2,4-Dinitrophenol	73.018000	72.000000	0.1062200	0.05	1.41	100.00	2RDR
Dibenzofuran	1.0780000	1.1214000	1.1214000	0.01	4.03	100.00	AVRG
4-Nitrophenol	6.e-002	7.17e-002	7.17e-002	0.05	19.50	100.00	AVRG
2,4-Dinitrotoluene	0.2570000	0.2912500	0.2912500	0.01	13.33	100.00	AVRG
Fluorene	0.8700000	0.8717400	0.8717400	0.01	0.20	100.00	AVRG
Diethylphthalate	0.8490000	0.9535300	0.9535300	0.01	12.31	100.00	AVRG
4-Chlorophenyl-phenylether	0.3300000	0.3830500	0.3830500	0.01	16.08	100.00	AVRG
4-Nitroaniline	73.466000	72.000000	0.2063300	0.01	2.04	100.00	2RDR
4,6-Dinitro-2-Methylphenol	0.1040000	0.1321000	0.1321000	0.01	27.02	100.00	AVRG
N-Nitrosodiphenylamine/DPA	0.5760000	0.6462400	0.6462400	0.01	12.19	20.00	AVRG
4-Bromophenyl-phenylether	62.442000	72.000000	0.1222900	0.01	-13.28	100.00	2RDR
Hexachlorobenzene	0.1990000	0.2049000	0.2049000	0.01	2.96	100.00	AVRG
Pentachlorophenol	76.496000	72.000000	0.1120300	0.01	6.24	20.00	2RDR
Phenanthrene	0.9700000	0.9634800	0.9634800	0.01	-0.67	100.00	AVRG
Anthracene	0.9430000	0.9619500	0.9619500	0.01	2.01	100.00	AVRG
Di-n-butylphthalate	1.1880000	1.2121000	1.2121000	0.01	2.03	100.00	AVRG
Fluoranthene	66.312000	72.000000	0.7937100	0.01	-7.90	20.00	LINR
Pyrene	1.4160000	1.5340000	1.5340000	0.01	8.33	100.00	AVRG
Butylbenzylphthalate	0.7220000	0.8055400	0.8055400	0.01	11.57	100.00	AVRG
Benzo(a)anthracene	0.9690000	0.9874900	0.9874900	0.01	1.91	100.00	AVRG
Chrysene	0.8840000	0.9171100	0.9171100	0.01	3.74	100.00	AVRG
3,3'-Dichlorobenzidine	0.2910000	0.3144700	0.3144700	0.01	8.06	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.9130000	1.0401000	1.0401000	0.01	13.92	100.00	AVRG
Di-n-octylphthalate	1.9280000	2.2612000	2.2612000	0.01	17.28	20.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Benzo(b)fluoranthene	63.914000	72.000000	1.3028000	0.01	-11.23	100.00	LINR
Benzo(k)fluoranthene	1.3680000	1.4147000	1.4147000	0.01	3.41	100.00	AVRG
Benzo(a)pyrene	65.022000	72.000000	1.0615000	0.01	-9.69	20.00	LINR
Indeno(1,2,3-cd)pyrene	65.412000	72.000000	1.0491000	0.01	-9.15	100.00	LINR
Dibenzo(a,h)anthracene	59.959000	72.000000	0.8783300	0.01	-16.72	100.00	2RDR
Benzo(g,h,i)perylene	66.699000	72.000000	0.7752900	0.01	-7.36	100.00	LINR
N-Nitrosomethylethylamine	0.5900000	0.6237000	0.6237000	0.01	5.71	100.00	AVRG
Methyl Methanesulfonate	0.7120000	0.6554100	0.6554100	0.01	-7.95	100.00	AVRG
N-Nitrosodiethylamine	0.6220000	0.6509700	0.6509700	0.01	4.66	100.00	AVRG
Ethyl Methanesulfonate	1.0050000	0.9798000	0.9798000	0.01	-2.51	100.00	AVRG
N-Nitrosopyrrolidine	0.5820000	0.6916200	0.6916200	0.01	18.84	100.00	AVRG
N-Nitrosomorpholine	0.7560000	0.6565300	0.6565300	0.01	-13.16	100.00	AVRG
o-Toluidine	0.4160000	0.4170200	0.4170200	0.01	0.24	100.00	AVRG
Acetophenone	0.4170000	0.4210200	0.4210200	0.01	0.96	100.00	AVRG
N-Nitrosopiperidine	0.1540000	0.1659200	0.1659200	0.01	7.74	100.00	AVRG
O,O,O-Triethylphosphorothioa	0.1060000	0.1156500	0.1156500	0.01	9.10	100.00	AVRG
2,6-Dichlorophenol	74.897000	72.000000	0.1909300	0.01	4.02	100.00	2RDR
Hexachloropropene	9.2e-002	0.1120900	0.1120900	0.01	21.84	100.00	AVRG
A,A-Dimethylphenethylamine	0.4680000	0.5669000	0.5669000	0.01	21.13	100.00	AVRG
N-Nitroso-Di-N-Butylamine	0.2560000	0.2830600	0.2830600	0.01	10.57	100.00	AVRG
Isosafrole	0.1770000	0.1800200	0.1800200	0.01	1.71	100.00	AVRG
p-Phenylenediamine	0.3020000	0.3365800	0.3365800	0.01	11.45	100.00	AVRG
1,2,4,5-Tetrachlorobenzene	68.812000	72.000000	0.3485800	0.01	-4.43	100.00	2RDR
Safrole	0.1700000	0.1680000	0.1680000	0.01	-1.18	100.00	AVRG
1,4-Naphthoquinone	0.1730000	0.1907800	0.1907800	0.01	10.28	100.00	AVRG
1,3-Dinitrobenzene	0.1370000	0.1334200	0.1334200	0.01	-2.61	100.00	AVRG
Pentachlorobenzene	0.2780000	0.2878100	0.2878100	0.01	3.53	100.00	AVRG
2-Naphthylamine	0.7690000	0.8726300	0.8726300	0.01	13.48	100.00	AVRG
1-Naphthylamine	0.8260000	0.8987900	0.8987900	0.01	8.81	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,3,4,6-Tetrachlorophenol	0.1940000	0.2126200	0.2126200	0.01	9.60	100.00	AVRG	
0,0-diethyl-o-2-pyrazinylpho	0.2060000	0.2285200	0.2285200	0.01	10.93	100.00	AVRG	
5-Nitro-O-Toluidine	0.2290000	0.2523500	0.2523500	0.01	10.20	100.00	AVRG	
Sulfotepp	0.1640000	0.1533900	0.1533900	0.01	-6.47	100.00	AVRG	
1,3,5-Trinitrobenzene	61.300000	72.000000	0.1578500	0.01	-14.86	100.00	2RDR	
Diallate	0.3360000	0.3114600	0.3114600	0.01	-7.30	100.00	AVRG	
Phenacetin	69.435000	72.000000	0.3837100	0.01	-3.56	100.00	2RDR	
Dimethoate	0.2470000	0.3315200	0.3315200	0.01	34.22	100.00	AVRG	
4-Aminobiphenyl	0.5720000	0.6373500	0.6373500	0.01	11.42	100.00	AVRG	
Pentachloronitrobenzene	6.8e-002	6.6e-002	6.6e-002	0.01	-2.94	100.00	AVRG	
Pronamide	0.2900000	0.2891400	0.2891400	0.01	-0.30	100.00	AVRG	
4-Nitroquinoline-1-Oxide	3.9e-002	4.54e-002	4.54e-002	0.01	16.41	100.00	AVRG	
Methapyrilene	0.1420000	0.1929100	0.1929100	0.01	35.85	100.00	AVRG	
Isodrin	0.1010000	0.1053500	0.1053500	0.01	4.31	100.00	AVRG	
Aramite	6.5e-002	9.e-002	9.e-002	0.01	38.46	100.00	AVRG	
p-Dimethylaminoazobenzene	0.2520000	0.3001700	0.3001700	0.01	19.12	100.00	AVRG	
Chlorobenzilate	0.3720000	0.4529500	0.4529500	0.01	21.76	100.00	AVRG	
Kepone	0.0000000			0.01	0.00	100.00	AVRG	<-
3,3'-Dimethylbenzidine	0.2620000	0.3116500	0.3116500	0.01	18.95	100.00	AVRG	
2-Acetylaminofluorene	74.522000	72.000000	0.3815600	0.01	3.50	100.00	2RDR	
3-Methylcholanthrene	0.2780000	0.2665100	0.2665100	0.01	-4.13	100.00	AVRG	
7,12-Dimethylbenz(A)Anthrace	0.5370000	0.5685200	0.5685200	0.01	5.87	100.00	AVRG	
Hexachlorophene	0.0000000			0.01	0.00	100.00	AVRG	<-
Parathion	7.8e-002	8.61e-002	8.61e-002	0.01	10.38	100.00	AVRG	
Dinoseb	70.250000	72.000000	0.1795100	0.01	-2.43	100.00	LINR	
2-Fluorophenol	1.0900000	1.1884000	1.1884000	0.01	9.03	100.00	AVRG	
Phenol-D6	1.4210000	1.4676000	1.4676000	0.01	3.28	100.00	AVRG	
Nitrobenzene-D5	0.3370000	0.3253200	0.3253200	0.01	-3.46	100.00	AVRG	

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/27/04 Time: 1220

Lab File ID: U9101 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Fluorobiphenyl	0.8540000	0.8780400	0.8780400	0.01	2.82	100.00	AVRG
2,4,6-Tribromophenol	0.1080000	0.1257400	0.1257400	0.01	16.43	100.00	AVRG
Terphenyl-D14	0.8800000	1.0066000	1.0066000	0.01	14.39	100.00	AVRG

FORM VII PEST

FORM 5
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID: UD838 DFTPP Injection Date: 10/28/04

Instrument ID: GCMS-U DFTPP Injection Time: 0912

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	42.9
68	Less than 2.0% of mass 69	0.9 (1.7)1
69	Less than 100.0% of mass 198	50.1
70	Less than 2.0% of mass 69	0.1 (0.3)1
127	40.0 - 60.0% of mass 198	54.6
197	Less than 1.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	21.1
365	1.0 - 100.0% of mass 198	2.2
441	0.0 - 100.0% of mass 443	14.8 (88.4)2
442	40.0 - 100.0% of mass 198	86.0
443	17.0 - 23.0% of mass 442	16.8 (19.5)3

1-Value is % mass 69 2-Value is % mass 443
3-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01		SSTD072U1028	U9117	10/28/04	0934
02	KWFCGS-MW08-0904	WU3256-11	U9118	10/28/04	1019
03	KWFCGS-EB01-0904	WU3256-12	U9119	10/28/04	1104
04	KWFCGS-FB01-0904	WU3256-13RE	U9120	10/28/04	1149
05	KWFCGS-DRUM01-0904	WU3256-14RE	U9121	10/28/04	1234
06	KWFCGS-DRUM02-0904	WU3256-15	U9122	10/28/04	1318
07	KWFCGS-MW07-0904	WU3256-9DL	U9123	10/28/04	1403
08	KWFCGS-FD01-0904	WU3256-10DL	U9124	10/28/04	1447
09	KWFCGS-MW08-0904	WU3256-11DL	U9125	10/28/04	1532
10	WG10494-BLANK	WG10494-1	U9126	10/28/04	1617
11	WG10494-LCS	WG10494-2	U9127	10/28/04	1702
12	WG10494-LCSD	WG10494-3	U9128	10/28/04	1746
13	WG10681-BLANK	WG10681-1	U9129	10/28/04	1831
14	WG10681-LCS	WG10681-2	U9130	10/28/04	1916
15	WG10681-LCSD	WG10681-3	U9131	10/28/04	2000
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FORM V SV

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/28/04 Time: 0934

Lab File ID: U9117 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Picoline	1.4300000	1.4497000	1.4497000	0.01	1.38	100.00	AVRG
Pyridine	1.2070000	1.4451000	1.4451000	0.01	19.73	100.00	AVRG
N-Nitrosodimethylamine	0.6690000	0.4404900	0.4404900	0.01	-34.16	100.00	AVRG
Aniline	1.9920000	1.9569000	1.9569000	0.01	-1.76	100.00	AVRG
Phenol	1.5600000	1.6134000	1.6134000	0.01	3.42	20.00	AVRG
Bis(2-Chloroethyl)ether	1.2260000	1.1934000	1.1934000	0.01	-2.66	100.00	AVRG
2-Chlorophenol	1.1480000	1.2287000	1.2287000	0.01	7.03	100.00	AVRG
Benzyl alcohol	0.6810000	0.7504500	0.7504500	0.01	10.20	100.00	AVRG
Bis(2-Chloroisopropyl)ether	1.5930000	1.2661000	1.2661000	0.01	-20.52	100.00	AVRG
2-Methylphenol	1.1240000	1.1850000	1.1850000	0.01	5.43	100.00	AVRG
Hexachloroethane	0.4160000	0.3898300	0.3898300	0.01	-6.29	100.00	AVRG
N-Nitroso-di-n-propylamine	0.9780000	0.8146700	0.8146700	0.05	-16.70	100.00	AVRG
3&4-Methylphenol	1.2260000	1.2472000	1.2472000	0.01	1.73	100.00	AVRG
Nitrobenzene	0.3330000	0.3049200	0.3049200	0.01	-8.43	100.00	AVRG
Isophorone	0.5570000	0.5684800	0.5684800	0.01	2.06	100.00	AVRG
2-Nitrophenol	0.1580000	0.1718400	0.1718400	0.01	8.76	20.00	AVRG
2,4-Dimethyphenol	0.2890000	0.2965100	0.2965100	0.01	2.60	100.00	AVRG
Bis(2-Chloroethoxy)methane	0.3840000	0.3800600	0.3800600	0.01	-1.03	100.00	AVRG
2,4-Dichlorophenol	0.2000000	0.2339400	0.2339400	0.01	16.97	20.00	AVRG
Naphthalene	67.706000	72.000000	0.7826900	0.01	-5.96	100.00	2RDR
4-Chloroaniline	0.2860000	0.3401600	0.3401600	0.01	18.94	100.00	AVRG
Hexachlorobutadiene	9.4e-002	0.1019300	0.1019300	0.01	8.44	20.00	AVRG
4-Chloro-3-Methylphenol	0.2460000	0.2530500	0.2530500	0.01	2.86	20.00	AVRG
2-Methylnaphthalene	0.5370000	0.5300400	0.5300400	0.01	-1.30	100.00	AVRG
Hexachlorocyclopentadiene	0.1440000	0.1797300	0.1797300	0.05	24.81	100.00	AVRG
2,4,6-Trichlorophenol	0.2350000	0.2734400	0.2734400	0.01	16.36	20.00	AVRG
2,4,5-Trichlorophenol	0.2480000	0.2953100	0.2953100	0.01	19.08	100.00	AVRG
2-Chloronaphthalene	1.0660000	1.1937000	1.1937000	0.01	11.98	100.00	AVRG
2-Nitroaniline	0.3200000	0.2775100	0.2775100	0.01	-13.28	100.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/28/04 Time: 0934

Lab File ID: U9117 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Acenaphthylene	65.750000	72.000000	1.1599000	0.01	-8.68	100.00	2RDR
Dimethyl Phthalate	0.8540000	0.8460600	0.8460600	0.01	-0.93	100.00	AVRG
2,6-Dinitrotoluene	0.2270000	0.2498300	0.2498300	0.01	10.06	100.00	AVRG
Acenaphthene	64.765000	72.000000	0.8019500	0.01	-10.05	20.00	2RDR
3-Nitroaniline	0.2300000	0.2570900	0.2570900	0.01	11.78	100.00	AVRG
2,4-Dinitrophenol	83.244000	72.000000	0.1242100	0.05	15.62	100.00	2RDR
Dibenzofuran	1.0780000	1.1387000	1.1387000	0.01	5.63	100.00	AVRG
4-Nitrophenol	6.e-002	7.67e-002	7.67e-002	0.05	27.83	100.00	AVRG
2,4-Dinitrotoluene	0.2570000	0.3109700	0.3109700	0.01	21.00	100.00	AVRG
Fluorene	0.8700000	0.8820200	0.8820200	0.01	1.38	100.00	AVRG
Diethylphthalate	0.8490000	0.9581600	0.9581600	0.01	12.86	100.00	AVRG
4-Chlorophenyl-phenylether	0.3300000	0.3731700	0.3731700	0.01	13.08	100.00	AVRG
4-Nitroaniline	84.609000	72.000000	0.2419200	0.01	17.51	100.00	2RDR
4,6-Dinitro-2-Methylphenol	0.1040000	0.1385100	0.1385100	0.01	33.18	100.00	AVRG
N-Nitrosodiphenylamine/DPA	0.5760000	0.6151900	0.6151900	0.01	6.80	20.00	AVRG
4-Bromophenyl-phenylether	59.192000	72.000000	0.1170300	0.01	-17.79	100.00	2RDR
Hexachlorobenzene	0.1990000	0.1978200	0.1978200	0.01	-0.59	100.00	AVRG
Pentachlorophenol	83.257000	72.000000	0.1240800	0.01	15.64	20.00	2RDR
Phenanthrene	0.9700000	0.9791800	0.9791800	0.01	0.95	100.00	AVRG
Anthracene	0.9430000	0.9565200	0.9565200	0.01	1.43	100.00	AVRG
Di-n-butylphthalate	1.1880000	1.1854000	1.1854000	0.01	-0.22	100.00	AVRG
Fluoranthene	70.408000	72.000000	0.8477700	0.01	-2.21	20.00	LINR
Pyrene	1.4160000	1.4520000	1.4520000	0.01	2.54	100.00	AVRG
Butylbenzylphthalate	0.7220000	0.7532000	0.7532000	0.01	4.32	100.00	AVRG
Benzo(a)anthracene	0.9690000	1.0355000	1.0355000	0.01	6.86	100.00	AVRG
Chrysene	0.8840000	0.9564200	0.9564200	0.01	8.19	100.00	AVRG
3,3'-Dichlorobenzidine	0.2910000	0.3359500	0.3359500	0.01	15.45	100.00	AVRG
bis(2-Ethylhexyl)phthalate	0.9130000	1.0196000	1.0196000	0.01	11.68	100.00	AVRG
Di-n-octylphthalate	1.9280000	1.7738000	1.7738000	0.01	-8.00	20.00	AVRG

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/28/04 Time: 0934

Lab File ID: U9117 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Benzo(b)fluoranthene	60.863000	72.000000	1.2352000	0.01	-15.47	100.00	LINR
Benzo(k)fluoranthene	1.3680000	1.2494000	1.2494000	0.01	-8.67	100.00	AVRG
Benzo(a)pyrene	63.484000	72.000000	1.0345000	0.01	-11.83	20.00	LINR
Indeno(1,2,3-cd)pyrene	75.642000	72.000000	1.2162000	0.01	5.06	100.00	LINR
Dibenzo(a,h)anthracene	68.333000	72.000000	0.9963000	0.01	-5.09	100.00	2RDR
Benzo(g,h,i)perylene	81.636000	72.000000	0.9517100	0.01	13.38	100.00	LINR
N-Nitrosomethylethylamine	0.5900000	0.6057400	0.6057400	0.01	2.67	100.00	AVRG
Methyl Methanesulfonate	0.7120000	0.6279100	0.6279100	0.01	-11.81	100.00	AVRG
N-Nitrosodiethylamine	0.6220000	0.6296400	0.6296400	0.01	1.23	100.00	AVRG
Ethyl Methanesulfonate	1.0050000	0.9387200	0.9387200	0.01	-6.60	100.00	AVRG
N-Nitrosopyrrolidine	0.5820000	0.6552200	0.6552200	0.01	12.58	100.00	AVRG
N-Nitrosomorpholine	0.7560000	0.6096100	0.6096100	0.01	-19.36	100.00	AVRG
o-Toluidine	0.4160000	0.4040500	0.4040500	0.01	-2.87	100.00	AVRG
Acetophenone	0.4170000	0.4145800	0.4145800	0.01	-0.58	100.00	AVRG
N-Nitrosopiperidine	0.1540000	0.1631500	0.1631500	0.01	5.94	100.00	AVRG
O,O,O-Triethylphosphorothioa	0.1060000	0.1158000	0.1158000	0.01	9.24	100.00	AVRG
2,6-Dichlorophenol	79.943000	72.000000	0.1982500	0.01	11.03	100.00	2RDR
Hexachloropropene	9.2e-002	0.1105600	0.1105600	0.01	20.17	100.00	AVRG
A,A-Dimethylphenethylamine	0.4680000	0.5900700	0.5900700	0.01	26.08	100.00	AVRG
N-Nitroso-Di-N-Butylamine	0.2560000	0.2776500	0.2776500	0.01	8.46	100.00	AVRG
Isosafrole	0.1770000	0.1842900	0.1842900	0.01	4.12	100.00	AVRG
p-Phenylenediamine	0.3020000	0.3559600	0.3559600	0.01	17.87	100.00	AVRG
1,2,4,5-Tetrachlorobenzene	71.727000	72.000000	0.3589400	0.01	-0.38	100.00	2RDR
Safrole	0.1700000	0.1631800	0.1631800	0.01	-4.01	100.00	AVRG
1,4-Naphthoquinone	0.1730000	0.2207800	0.2207800	0.01	27.62	100.00	AVRG
1,3-Dinitrobenzene	0.1370000	0.1472900	0.1472900	0.01	7.51	100.00	AVRG
Pentachlorobenzene	0.2780000	0.2926900	0.2926900	0.01	5.28	100.00	AVRG
2-Naphthylamine	0.7690000	0.9076100	0.9076100	0.01	18.02	100.00	AVRG
1-Naphthylamine	0.8260000	0.9466600	0.9466600	0.01	14.61	100.00	AVRG

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/28/04 Time: 0934

Lab File ID: U9117 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
2,3,4,6-Tetrachlorophenol	0.1940000	0.2323600	0.2323600	0.01	19.77	100.00	AVRG	
0,0-diethyl-o-2-pyrazinylpho	0.2060000	0.2291500	0.2291500	0.01	11.24	100.00	AVRG	
5-Nitro-O-Toluidine	0.2290000	0.2805200	0.2805200	0.01	22.50	100.00	AVRG	
Sulfotepp	0.1640000	0.1368700	0.1368700	0.01	-16.54	100.00	AVRG	
1,3,5-Trinitrobenzene	64.574000	72.000000	0.1679000	0.01	-10.31	100.00	2RDR	
Diallate	0.3360000	0.2707800	0.2707800	0.01	-19.41	100.00	AVRG	
Phenacetin	71.009000	72.000000	0.3938400	0.01	-1.38	100.00	2RDR	
Dimethoate	0.2470000	0.3348400	0.3348400	0.01	35.56	100.00	AVRG	
4-Aminobiphenyl	0.5720000	0.6684100	0.6684100	0.01	16.86	100.00	AVRG	
Pentachloronitrobenzene	6.8e-002	6.48e-002	6.48e-002	0.01	-4.70	100.00	AVRG	
Pronamide	0.2900000	0.2817000	0.2817000	0.01	-2.86	100.00	AVRG	
4-Nitroquinoline-1-Oxide	3.9e-002	5.43e-002	5.43e-002	0.01	39.23	100.00	AVRG	
Methapyrilene	0.1420000	0.1860600	0.1860600	0.01	31.03	100.00	AVRG	
Isodrin	0.1010000	0.1075600	0.1075600	0.01	6.50	100.00	AVRG	
Aramite	6.5e-002	8.44e-002	8.44e-002	0.01	29.85	100.00	AVRG	
p-Dimethylaminoazobenzene	0.2520000	0.2938800	0.2938800	0.01	16.62	100.00	AVRG	
Chlorobenzilate	0.3720000	0.4265200	0.4265200	0.01	14.66	100.00	AVRG	
Kepone	0.0000000			0.01	0.00	100.00	AVRG	<-
3,3'-Dimethylbenzidine	0.2620000	0.3643800	0.3643800	0.01	39.08	100.00	AVRG	
2-Acetylaminofluorene	79.828000	72.000000	0.4126500	0.01	10.87	100.00	2RDR	
3-Methylcholanthrene	0.2780000	0.3562700	0.3562700	0.01	28.16	100.00	AVRG	
7,12-Dimethylbenz(A)Anthrace	0.5370000	0.4639400	0.4639400	0.01	-13.60	100.00	AVRG	
Hexachlorophene	0.0000000			0.01	0.00	100.00	AVRG	<-
Parathion	7.8e-002	9.12e-002	9.12e-002	0.01	16.92	100.00	AVRG	
Dinoseb	74.896000	72.000000	0.1922800	0.01	4.02	100.00	LINR	
2-Fluorophenol	1.0900000	1.1451000	1.1451000	0.01	5.06	100.00	AVRG	
Phenol-D6	1.4210000	1.4172000	1.4172000	0.01	-0.27	100.00	AVRG	
Nitrobenzene-D5	0.3370000	0.3178400	0.3178400	0.01	-5.68	100.00	AVRG	

FORM VII PEST

FORM 7B
SEMIVOLATILE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GCMS-U Calibration Date: 10/28/04 Time: 0934

Lab File ID: U9117 Init. Calib. Date(s): 10/26/04 10/26/04

Init. Calib. Times: 0915 1654

GC Column: DB5-MS ID: 0.25 (mm)

COMPOUND	RRF or AMOUNT	RRF72.000 or AMOUNT	CCAL RRF72.000	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
2-Fluorobiphenyl	0.8540000	0.8752300	0.8752300	0.01	2.48	100.00	AVRG
2,4,6-Tribromophenol	0.1080000	0.1397600	0.1397600	0.01	29.41	100.00	AVRG
Terphenyl-D14	0.8800000	0.9191400	0.9191400	0.01	4.45	100.00	AVRG

FORM VII PEST

FORM 8

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Lab File ID (Standard): U9117 Date Analyzed: 10/28/04

Instrument ID: GCMS-U Time Analyzed: 0934

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2110905	19.80	1242070	26.14	887024	29.30
UPPER LIMIT	4221810	20.30	2484140	26.64	1774048	29.80
LOWER LIMIT	1055453	19.30	621035	25.64	443512	28.80

	CLIENT SAMPLE ID	LAB SAMPLE ID						
01	KWFCGS-MW08-0904	WU3256-11	2035729	19.76	1038062	26.12	776798	29.29
02	KWFCGS-EB01-0904	WU3256-12	2061392	19.76	1069796	26.12	833993	29.29
03	KWFCGS-FB01-0904	WU3256-13RE	1907941	19.76	838223	26.12	591285	29.30
04	KWFCGS-DRUM01-0904	WU3256-14RE	1985835	19.76	931023	26.12	704195	29.29
05	KWFCGS-DRUM02-0904	WU3256-15	2048175	19.76	888981	26.12	612905	29.29
06	KWFCGS-MW07-0904	WU3256-9DL	1648914	19.76	678771	26.12	482355	29.29
07	KWFCGS-FD01-0904	WU3256-10DL	1697599	19.76	780765	26.12	563629	29.29
08	KWFCGS-MW08-0904	WU3256-11DL	1487963	19.76	519739*	26.11	344584*	29.29
09	WG10494-BLANK	WG10494-1	2044418	19.76	976261	26.12	734218	29.29
10	WG10494-LCS	WG10494-2	1682131	19.80	953583	26.14	637356	29.30
11	WG10494-LCSD	WG10494-3	1825964	19.82	1215652	26.14	881864	29.31
12	WG10681-BLANK	WG10681-1	1888955	19.76	859266	26.12	637607	29.30
13	WG10681-LCS	WG10681-2	1754855	19.80	992380	26.13	627814	29.30
14	WG10681-LCSD	WG10681-3	1678281	19.79	969647	26.13	678961	29.30
15								
16								
17								
18								
19								
20								

IS4 (PHN) = Phenanthrene-D10
IS5 (CRY) = Chrysene-D12
IS6 (PRY) = Perylene-D12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CT0351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/05/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10401-1
Client ID: WG10401-Blank
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LAD
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
76-44-8	Heptachlor	U	0.021	1.0	0.050	0.050	0.021
319-85-7	beta-BHC	U	0.014	1.0	0.050	0.050	0.014
309-00-2	Aldrin	U	0.021	1.0	0.050	0.050	0.021
319-86-8	delta-BHC	U	0.015	1.0	0.050	0.050	0.015
1024-57-3	Heptachlor Epoxide	U	0.018	1.0	0.050	0.050	0.018
959-98-8	Endosulfan I	U	0.014	1.0	0.050	0.050	0.014
72-55-9	4,4'-DDE	U	0.012	1.0	0.10	0.10	0.012
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.010	1.0	0.10	0.10	0.010
33213-65-9	Endosulfan II	U	0.0093	1.0	0.10	0.10	0.0093
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.010	1.0	0.10	0.10	0.010
1031-07-8	Endosulfan sulfate	U	0.025	1.0	0.10	0.10	0.025
72-43-5	Methoxychlor	U	0.024	1.0	0.50	0.50	0.024
8001-35-2	Toxaphene	U	0.92	1.0	5.0	5.0	0.92
12789-03-6	Chlordane	U	0.15	1.0	1.0	1.0	0.15
877-09-8	Tetrachloro-m-Xylene		58%				
2051-24-3	Decachlorobiphenyl		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/14/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10401-1SC
Client ID: WG10401-Blank
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10401SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.019	1.0	0.050	0.050	0.019
58-89-9	gamma BHC	U	0.017	1.0	0.050	0.050	0.017
76-44-8	Heptachlor	U	0.021	1.0	0.050	0.050	0.021
319-85-7	beta-BHC	U	0.014	1.0	0.050	0.050	0.014
309-00-2	Aldrin	U	0.021	1.0	0.050	0.050	0.021
319-86-8	delta-BHC	U	0.015	1.0	0.050	0.050	0.015
1024-57-3	Heptachlor Epoxide	U	0.018	1.0	0.050	0.050	0.018
959-98-8	Endosulfan I	U	0.014	1.0	0.050	0.050	0.014
72-55-9	4,4'-DDE	U	0.012	1.0	0.10	0.10	0.012
60-57-1	Dieldrin	U	0.013	1.0	0.10	0.10	0.013
72-20-8	Endrin	U	0.012	1.0	0.10	0.10	0.012
72-54-8	4,4'-DDD	U	0.010	1.0	0.10	0.10	0.010
33213-65-9	Endosulfan II	U	0.0093	1.0	0.10	0.10	0.0093
50-29-3	4,4'-DDT	U	0.016	1.0	0.10	0.10	0.016
7421-36-3	Endrin Aldehyde	U	0.010	1.0	0.10	0.10	0.010
1031-07-8	Endosulfan sulfate	U	0.025	1.0	0.10	0.10	0.025
72-43-5	Methoxychlor	U	0.024	1.0	0.50	0.50	0.024
8001-35-2	Toxaphene	U	0.92	1.0	5.0	5.0	0.92
12789-03-6	Chlordane	U	0.15	1.0	1.0	1.0	0.15
877-09-8	Tetrachloro-m-Xylene		65%				
2051-24-3	Decachlorobiphenyl		86%				

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/04/04

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1434 1639

LAB FILE ID: RF0.005: 8UI3017 RF0.01: 8UI3018 RF0.025: 8UI3016
RF0.05: 8UI3019 RF0.1: 8UI3020 RF0.25: 8UI3021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
alpha-BHC	15183	31237	80489	144840	297710	645120	2ORDR	5.774e-004	3.007e-007	1.326e-013	0.99971	0.99000	
gamma BHC	13569	28213	70369	126890	267550	573680	2ORDR	8.34e-004	3.337e-007	1.743e-013	0.99950	0.99000	
Heptachlor	15318	30992	73095	127030	265160	561610	2ORDR	2.653e-004	3.33e-007	1.977e-013	0.99947	0.99000	
beta-BHC	7450	14447	34928	62737	126780	284420	2ORDR	-2.93e-004	7.343e-007	5.109e-013	0.99985	0.99000	
Aldrin	13604	27698	70159	125620	254760	551920	2ORDR	3.167e-004	3.505e-007	1.84e-013	0.99978	0.99000	
delta-BHC	11233	23100	62732	117340	244350	551060	2ORDR	8.923e-004	3.812e-007	1.279e-013	0.99978	0.99000	
Heptachlor Epoxide	12389	25183	59615	106360	216370	458430	2ORDR	2.382e-004	4.043e-007	3.051e-013	0.99967	0.99000	
Endosulfan I	11275	22648	51394	96210	196710	422680	2ORDR	3.497e-004	4.54e-007	3.216e-013	0.99969	0.99000	
4,4'-DDE	10849	22352	52766	100680	207790	459720	2ORDR	5.546e-004	4.429e-007	2.157e-013	0.99976	0.99000	
Dieldrin	9968	20737	48557	96356	195370	420710	2ORDR	9.203e-004	4.537e-007	3.272e-013	0.99974	0.99000	
Endrin	9113	18711	43119	83753	172370	373360	2ORDR	7.541e-004	5.218e-007	3.882e-013	0.99968	0.99000	
4,4'-DDD	6300	12920	30838	65747	134400	308200	2ORDR	1.134e-003	7.006e-007	3.447e-013	0.99980	0.99000	
Endosulfan II	8356	16855	38851	74462	150100	325430	2ORDR	3.958e-004	5.969e-007	5.203e-013	0.99981	0.99000	
4,4'-DDT	6918	14360	33158	67159	141800	324170	2ORDR	9.544e-004	6.715e-007	2.958e-013	0.99968	0.99000	
Endrin Aldehyde	6618	11962	26960	51461	101150	225270	2ORDR	-4.38e-004	9.106e-007	8.911e-013	0.99994	0.99000	
Endosulfan sulfate	5315	10492	24446	48494	99580	224840	2ORDR	5.443e-004	9.414e-007	7.434e-013	0.99982	0.99000	
Methoxychlor	3901	7807	17502	32718	65409	140640	2ORDR	3.895e-005	1.358e-006	2.967e-012	0.99981	0.99000	
Toxaphene	2460	6250	12548	24107		209600	LINR	-6.26e-002	4.795e-005		0.99979	0.99000	
(2)	2914	7086	13973	26387		208630	LINR	-0.1124262	4.836e-005		0.99936	0.99000	
(3)	2924	7344	14629	27762		226920	LINR	-9.38e-002	4.44e-005		0.99954	0.99000	
(4)	3686	9450	18949	35464		82938	LINR	-1.0397376	1.202e-004		0.89447	0.99000	<
(5)	3940	10181	20872	39814		301710	LINR	-0.1245478	3.346e-005		0.99904	0.99000	
(6)	5028	12721	25465	48080		317620	LINR	-0.2022234	3.195e-005		0.99756	0.99000	
(7)	3050	7928	15994	31878		284650	LINR	-4.3e-002	3.525e-005		0.99987	0.99000	
(8)	1802	4625	9371	18641		197530	LINR	2.122e-002	5.054e-005		0.99997	0.99000	
(9)	3106	8035	16402	31578		288280	LINR	-4.e-002	3.48e-005		0.99991	0.99000	
(10)	1394	3931	8232	17675		215480	LINR	8.022e-002	4.608e-005		0.99972	0.99000	
Chlordane	5250	10403	48722	24337	92753	208740	2ORDR	-7.45e-004	9.831e-006	1.03e-011	0.99999	0.99000	
(2)	10054	20191	91570	46954	168200	354220	2ORDR	9.107e-005	4.937e-006	5.985e-012	0.99999	0.99000	
(3)	8091	15429	62102	33715	113260	234380	2ORDR	-7.5e-003	7.196e-006	1.495e-011	0.99997	0.99000	
(4)	13918	28103	124740	64644	231950	488160	2ORDR	-1.15e-004	3.603e-006	3.109e-012	0.99999	0.99000	
(5)	4468	9071	43666	21752	83785	192320	2ORDR	1.424e-004	1.109e-005	9.925e-012	0.99999	0.99000	
Tetrachloro-m-Xylene	11440	22122	52325	90184	186560	403580	2ORDR	-1.79e-004	4.851e-007	3.325e-013	0.99959	0.99000	
Decachlorobiphenyl	10511	18827	39103	70396	134570	286740	2ORDR	-1.28e-003	6.512e-007	7.845e-013	0.99986	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/04/04

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1434 1639

LAB FILE ID: RF0.005: 8UI4017 RF0.01: 8UI4018 RF0.025: 8UI4016
RF0.05: 8UI4019 RF0.1: 8UI4020 RF0.25: 8UI4021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2	
alpha-BHC	12720	27019	71635	139900	290100	648420	2ORDR	1.206e-003	3.175e-007	1.015e-013	0.99977	0.99000	
gamma BHC	11505	24783	62402	121480	255310	569480	2ORDR	1.157e-003	3.625e-007	1.298e-013	0.99968	0.99000	
Heptachlor	13440	26710	64782	120720	240440	535200	2ORDR	1.572e-007	3.813e-007	1.6e-013	0.99992	0.99000	
beta-BHC	6570	12500	31095	59296	115980	264890	2ORDR	-1.5e-004	8.044e-007	5.281e-013	0.99999	0.99000	
Aldrin	10581	21549	55557	105530	219930	496140	2ORDR	8.044e-004	4.251e-007	1.545e-013	0.99978	0.99000	
delta-BHC	9645	19489	54448	109390	227190	535030	2ORDR	1.207e-003	4.229e-007	7.812e-014	0.99987	0.99000	
Heptachlor Epoxide	10068	20238	48313	89016	184020	410220	2ORDR	2.226e-004	5.052e-007	2.515e-013	0.99976	0.99000	
Endosulfan I	7959	16345	40043	74062	151290	344360	2ORDR	1.102e-004	6.229e-007	2.972e-013	0.99987	0.99000	
4,4'-DDE	8062	16280	40023	74845	160640	368140	2ORDR	6.668e-004	5.973e-007	2.153e-013	0.99964	0.99000	
Dieldrin	7150	14512	37187	71202	151790	343780	2ORDR	1.045e-003	6.218e-007	2.954e-013	0.99965	0.99000	
Endrin	6316	12860	31784	62345	131060	297360	2ORDR	9.429e-004	7.196e-007	3.938e-013	0.99973	0.99000	
4,4'-DDD	4490	9020	23308	47274	101570	246080	2ORDR	1.172e-003	9.771e-007	1.351e-013	0.99976	0.99000	
Endosulfan II	6270	12457	30684	57588	118620	268980	2ORDR	3.214e-004	7.934e-007	4.988e-013	0.99984	0.99000	
4,4'-DDT	5030	10359	26277	50360	113770	270810	2ORDR	1.335e-003	8.731e-007	1.619e-013	0.99940	0.99000	
Endrin Aldehyde	5440	10236	24346	43330	90822	211160	2ORDR	-3.89e-004	1.072e-006	5.375e-013	0.99974	0.99000	
Endosulfan sulfate	5311	10194	25031	46796	99947	237520	2ORDR	2.799e-004	9.885e-007	2.61e-013	0.99975	0.99000	
Methoxychlor	3814	7601	18744	33344	70860	159480	2ORDR	2.737e-004	1.333e-006	1.452e-012	0.99961	0.99000	
Toxaphene	1483	4104	8186	16303		151390	LINR	-2.7e-002	6.619e-005		0.99994	0.99000	
(2)	1489	4082	8253	16315		150910	LINR	-2.9e-002	6.641e-005		0.99993	0.99000	
(3)	1616	4417	8973	18034		123150	LINR	-0.1630243	8.213e-005		0.99801	0.99000	
(4)	3799	9976	19903	39809		89708	LINR	-1.0169498	1.1e-004		0.88574	0.99000	<
(5)	2783	7591	15503	32181		308370	LINR	-5.96e-003	3.244e-005		0.99998	0.99000	
(6)	1817	5171	10628	22441		137380	LINR	-0.2059825	7.375e-005		0.99627	0.99000	
(7)	3383	9230	19050	39405		382320	LINR	-1.22e-003	2.615e-005		0.99998	0.99000	
(8)	2090	5924	12688	27854		316100	LINR	6.318e-002	3.146e-005		0.99987	0.99000	
(9)	1711	4763	10025	22150		257880	LINR	7.056e-002	3.853e-005		0.99982	0.99000	
(10)	1607	4636	9965	20872		235220	LINR	5.499e-002	4.231e-005		0.99990	0.99000	
Chlordane	4303	8484	39858	20012	78972	183560	2ORDR	4.666e-004	1.205e-005	8.526e-012	0.99998	0.99000	
(2)	7730	15258	73553	36745	140740	313410	2ORDR	1.816e-003	6.406e-006	4.988e-012	0.99999	0.99000	
(3)	5760	10901	46858	24554	87016	193480	2ORDR	-8.98e-003	1.033e-005	1.363e-011	0.99996	0.99000	
(4)	7578	14823	69427	35409	133960	305620	2ORDR	-1.68e-003	6.931e-006	4.103e-012	1.00000	0.99000	
(5)	7680	15380	72324	36414	140470	311290	2ORDR	2.463e-003	6.428e-006	5.116e-012	0.99997	0.99000	
Tetrachloro-m-Xylene	11009	20995	51261	93914	182920	408240	2ORDR	-4.33e-004	4.997e-007	2.784e-013	0.99995	0.99000	
Decachlorobiphenyl	10398	18976	40573	70540	131300	280720	2ORDR	-1.71e-003	6.614e-007	8.394e-013	0.99984	0.99000	

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/13/04

Column: RTX-CLPI ID: 0.53 (mm) Calibration Time(s): 1434 1408

LAB FILE ID: RF0.005: 8UI3017 RF0.01: 8UI3018 RF0.025: 8UI3016
RF0.05: 8UI3019 RF0.1: 8UI3020 RF0.25: 8UI3021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
alpha-BHC	16489	28756	73136	143390	287430	632980	2ORDR	5.81e-004	3.152e-007	1.24e-013	0.99987	0.99000
gamma BHC	14967	28397	73443	141830	267230	567480	2ORDR	4.265e-004	3.16e-007	2.18e-013	0.99998	0.99000
Heptachlor	18017	33628	79730	150050	288410	599180	2ORDR	2.175e-004	2.891e-007	2.127e-013	0.99990	0.99000
beta-BHC	8690	14033	33879	63640	128890	290460	2ORDR	-2.52e-004	7.291e-007	4.543e-013	0.99985	0.99000
Aldrin	15542	28453	74653	138280	259060	555200	2ORDR	-5.68e-005	3.297e-007	2.174e-013	0.99998	0.99000
delta-BHC	7256	12826	36729	77856	144880	359390	2ORDR	2.22e-004	6.661e-007	8.157e-014	0.99978	0.99000
Heptachlor Epoxide	15507	27983	68643	120440	235610	509510	2ORDR	-5.51e-004	3.765e-007	2.26e-013	0.99986	0.99000
Endosulfan I	12840	24593	59855	103920	209550	446970	2ORDR	-1.25e-004	4.201e-007	3.11e-013	0.99971	0.99000
4,4'-DDE	12382	24288	60576	114220	227880	493730	2ORDR	4.575e-004	3.898e-007	2.334e-013	0.99987	0.99000
Dieldrin	11292	23124	56526	106940	216120	462290	2ORDR	7.122e-004	4.065e-007	2.859e-013	0.99977	0.99000
Endrin	10560	20199	51620	95968	184620	397220	2ORDR	1.28e-004	4.705e-007	3.987e-013	0.99996	0.99000
4,4'-DDD	6737	12566	34307	69044	139310	319580	2ORDR	9.221e-004	6.721e-007	3.344e-013	0.99992	0.99000
Endosulfan II	9397	17526	44720	81534	157290	343110	2ORDR	-1.92e-004	5.632e-007	4.836e-013	0.99995	0.99000
4,4'-DDT	7168	14082	35615	69681	142050	321490	2ORDR	6.689e-004	6.567e-007	3.678e-013	0.99988	0.99000
Endrin Aldehyde	7064	12751	30588	55718	108570	240510	2ORDR	-5.99e-004	8.388e-007	8.44e-013	0.99994	0.99000
Endosulfan sulfate	3812	7114	17933	36625	68356	163330	2ORDR	-2.94e-004	1.39e-006	8.77e-013	0.99990	0.99000
Methoxychlor	4105	7800	18961	34207	67167	145200	2ORDR	-2.18e-004	1.319e-006	2.781e-012	0.99990	0.99000
Toxaphene	2460	6250	12548	24107		209600	LINR	-6.26e-002	4.795e-005		0.99979	0.99000
(2)	2914	7086	13973	26387		208630	LINR	-0.1124262	4.836e-005		0.99936	0.99000
(3)	2924	7344	14629	27762		226920	LINR	-9.38e-002	4.44e-005		0.99954	0.99000
(4)	3686	9450	18949	35464		289380	LINR	-9.65e-002	3.482e-005		0.99951	0.99000
(5)	3940	10181	20872	39814		344620	LINR	-6.38e-002	2.917e-005		0.99976	0.99000
(6)	5028	12721	25465	48080		391550	LINR	-9.59e-002	2.573e-005		0.99951	0.99000
(7)	3050	7928	15994	31878		284650	LINR	-4.3e-002	3.525e-005		0.99987	0.99000
(8)	1802	4625	9371	18641		197530	LINR	2.122e-002	5.054e-005		0.99997	0.99000
(9)	3106	8035	16402	31578		288280	LINR	-4.e-002	3.48e-005		0.99991	0.99000
(10)	1394	3931	8232	17675		215480	LINR	8.023e-002	4.608e-005		0.99972	0.99000
Chlordane	5250	10403	24337	48722	92753	208740	2ORDR	-7.45e-004	9.831e-006	1.03e-011	0.99999	0.99000
(2)	10054	20191	46954	91570	168200	354220	2ORDR	9.107e-005	4.937e-006	5.985e-012	0.99999	0.99000
(3)	8091	15429	33715	62102	113260	234380	2ORDR	-7.5e-003	7.196e-006	1.495e-011	0.99997	0.99000
(4)	13918	28103	64644	124740	231950	488160	2ORDR	-1.15e-004	3.603e-006	3.109e-012	0.99999	0.99000
(5)	4468	9071	21752	43666	83785	192320	2ORDR	1.424e-004	1.109e-005	9.925e-012	0.99999	0.99000
Tetrachloro-m-Xylene	13628	22021	52093	95144	189620	411700	2ORDR	-4.37e-004	4.759e-007	3.207e-013	0.99982	0.99000
Decachlorobiphenyl	11261	20004	45688	77765	146530	309590	2ORDR	-1.34e-003	5.835e-007	7.382e-013	0.99983	0.99000

FORM VI SV

FORM 6
SEMIVOLATILE INITIAL CALIBRATION DATA

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date(s): 09/21/04 10/13/04

Column: RTX-CLPII ID: 0.53 (mm) Calibration Time(s): 1434 1408

LAB FILE ID: RF0.005: 8UI4017 RF0.01: 8UI4018 RF0.025: 8UI4016
RF0.05: 8UI4019 RF0.1: 8UI4020 RF0.25: 8UI4021

COMPOUND	RF0.005	RF0.01	RF0.025	RF0.05	RF0.1	RF0.25	CURVE	COEFFICENTS A0	A1	A2	%RSD OR R^2	MAX %RSD OR R^2
alpha-BHC	12681	25075	69410	138020	276020	597730	2ORDR	1.324e-003	3.182e-007	1.63e-013	0.99983	0.99000
gamma BHC	12213	25183	65491	132120	257270	581670	2ORDR	6.66e-004	3.553e-007	1.26e-013	0.99998	0.99000
Heptachlor	14600	27906	70206	125580	255790	551450	2ORDR	2.688e-004	3.485e-007	1.884e-013	0.99973	0.99000
beta-BHC	7447	13735	32405	65836	120780	278610	2ORDR	-5.68e-004	7.634e-007	4.837e-013	0.99989	0.99000
Aldrin	11267	23756	60398	117090	234660	524570	2ORDR	6.442e-004	3.901e-007	1.62e-013	0.99992	0.99000
delta-BHC	5927	11656	32879	69782	141670	344620	2ORDR	1.223e-003	6.88e-007	9.763e-014	0.99992	0.99000
Heptachlor Epoxide	10974	21002	53098	98435	194200	428910	2ORDR	5.333e-005	4.658e-007	2.721e-013	0.99994	0.99000
Endosulfan I	9072	17279	44251	83053	164320	366010	2ORDR	1.598e-004	5.552e-007	3.473e-013	0.99994	0.99000
4,4'-DDE	9261	17986	45775	89839	173900	390570	2ORDR	2.624e-004	5.238e-007	2.958e-013	0.99999	0.99000
Dieldrin	7892	15721	40565	81244	160700	360220	2ORDR	7.41e-004	5.68e-007	3.432e-013	0.99994	0.99000
Endrin	6830	13741	34441	68622	139280	317450	2ORDR	7.199e-004	6.725e-007	3.534e-013	0.99990	0.99000
4,4'-DDD	4672	9196	24248	49326	103810	250290	2ORDR	1.055e-003	9.479e-007	1.841e-013	0.99985	0.99000
Endosulfan II	6569	13019	32495	62393	122220	272580	2ORDR	1.966e-004	7.446e-007	6.294e-013	0.99997	0.99000
4,4'-DDT	5105	10363	26825	55277	112180	262500	2ORDR	9.456e-004	8.5e-007	3.744e-013	0.99992	0.99000
Endrin Aldehyde	5747	10684	26139	48946	93944	214630	2ORDR	-6.17e-004	9.904e-007	8.267e-013	0.99998	0.99000
Endosulfan sulfate	3694	7074	17260	36910	68141	164760	2ORDR	-1.66e-004	1.399e-006	7.265e-013	0.99981	0.99000
Methoxychlor	4095	8178	19678	38317	73729	164330	2ORDR	4.348e-006	1.228e-006	1.783e-012	1.00000	0.99000
Toxaphene	1483	4104	8186	16303		151390	LINR	-2.7e-002	6.619e-005		0.99994	0.99000
(2)	1489	4082	8253	16315		150910	LINR	-2.9e-002	6.641e-005		0.99993	0.99000
(3)	1616	4417	8973	18034		169730	LINR	-1.89e-002	5.9e-005		0.99996	0.99000
(4)	3799	9976	19903	39809		339340	LINR	-6.24e-002	2.961e-005		0.99973	0.99000
(5)	2783	7591	15503	32181		308370	LINR	-5.96e-003	3.244e-005		0.99998	0.99000
(6)	1817	5171	10628	22441		241560	LINR	3.866e-002	4.125e-005		0.99996	0.99000
(7)	3383	9230	19050	39405		382320	LINR	-1.22e-003	2.615e-005		0.99998	0.99000
(8)	2090	5924	12688	27854		316100	LINR	6.318e-002	3.146e-005		0.99987	0.99000
(9)	1711	4763	10025	22150		257880	LINR	7.056e-002	3.854e-005		0.99982	0.99000
(10)	1607	4636	9965	20872		235220	LINR	5.499e-002	4.231e-005		0.99990	0.99000
Chlordane	4303	8484	20012	39858	78972	183560	2ORDR	4.666e-004	1.205e-005	8.526e-012	0.99998	0.99000
(2)	7730	15258	36745	73553	140740	313410	2ORDR	1.816e-003	6.406e-006	4.988e-012	0.99999	0.99000
(3)	5760	10901	24554	46858	87016	193480	2ORDR	-8.98e-003	1.033e-005	1.363e-011	0.99996	0.99000
(4)	7578	14823	35409	69427	133960	305620	2ORDR	-1.68e-003	6.931e-006	4.103e-012	1.00000	0.99000
(5)	7680	15380	36414	72324	140470	311290	2ORDR	2.463e-003	6.428e-006	5.116e-012	0.99997	0.99000
Tetrachloro-m-Xylene	11717	21863	53387	100830	191060	419750	2ORDR	-3.24e-004	4.653e-007	3.124e-013	0.99999	0.99000
Decachlorobiphenyl	10613	19046	42687	77097	138520	293000	2ORDR	-1.32e-003	6.042e-007	8.675e-013	0.99991	0.99000

FORM VI SV

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/04/04 Time: 1706

Lab File ID: 8UJ1012 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	5.35e-002	5.e-002	2175100.0	0.01	7.00	15.00	2RDR
gamma BHC	5.12e-002	5.e-002	2813000.0	0.01	2.40	15.00	2RDR
beta-BHC	5.18e-002	5.e-002	1353900.0	0.01	3.60	15.00	2RDR
delta-BHC	5.19e-002	5.e-002	2565700.0	0.01	3.80	15.00	2RDR
Heptachlor	5.24e-002	5.e-002	2881800.0	0.01	4.80	15.00	2RDR
Aldrin	5.32e-002	5.e-002	2811800.0	0.01	6.40	15.00	2RDR
Heptachlor Epoxide	5.19e-002	5.e-002	2347500.0	0.01	3.80	15.00	2RDR
gamma-Chlordane	5.2e-002	5.e-002	2333700.0	0.01	4.00	15.00	2RDR
alpha-Chlordane	5.28e-002	5.e-002	2250400.0	0.01	5.60	15.00	2RDR
4,4'-DDE	5.31e-002	5.e-002	2248200.0	0.01	6.20	15.00	2RDR
alpha-BHC	5.24e-002	5.e-002	3216300.0	0.01	4.80	15.00	2RDR
Dieldrin	5.36e-002	5.e-002	2153500.0	0.01	7.20	15.00	2RDR
Endrin	5.3e-002	5.e-002	1873200.0	0.01	6.00	15.00	2RDR
4,4'-DDD	5.15e-002	5.e-002	1389500.0	0.01	3.00	15.00	2RDR
Endosulfan II	5.12e-002	5.e-002	1592500.0	0.01	2.40	15.00	2RDR
4,4'-DDT	5.21e-002	5.e-002	1475400.0	0.01	4.20	15.00	2RDR
Endrin Aldehyde	5.06e-002	5.e-002	1065900.0	0.01	1.20	15.00	2RDR
Methoxychlor	5.23e-002	5.e-002	713320.00	0.01	4.60	15.00	2RDR
Endosulfan sulfate	5.09e-002	5.e-002	1027200.0	0.01	1.80	15.00	2RDR
Endrin Ketone	5.11e-002	5.e-002	1288600.0	0.01	2.20	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/04/04 Time: 1706

Lab File ID: 8UJ2012 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	5.16e-002	5.e-002	1656100.0	0.01	3.20	15.00	2RDR
gamma BHC	5.12e-002	5.e-002	2636600.0	0.01	2.40	15.00	2RDR
beta-BHC	5.25e-002	5.e-002	1257500.0	0.01	5.00	15.00	2RDR
delta-BHC	5.07e-002	5.e-002	2291100.0	0.01	1.40	15.00	2RDR
Heptachlor	5.06e-002	5.e-002	2521100.0	0.01	1.20	15.00	2RDR
Aldrin	5.21e-002	5.e-002	2315600.0	0.01	4.20	15.00	2RDR
Heptachlor Epoxide	5.16e-002	5.e-002	1941500.0	0.01	3.20	15.00	2RDR
gamma-Chlordane	5.12e-002	5.e-002	1811600.0	0.01	2.40	15.00	2RDR
alpha-Chlordane	5.2e-002	5.e-002	1715300.0	0.01	4.00	15.00	2RDR
Endosulfan I	5.25e-002	5.e-002	1620200.0	0.01	5.00	15.00	2RDR
alpha-BHC	5.08e-002	5.e-002	2983000.0	0.01	1.60	15.00	2RDR
Dieldrin	5.13e-002	5.e-002	1560100.0	0.01	2.60	15.00	2RDR
Endrin	5.05e-002	5.e-002	1330100.0	0.01	1.00	15.00	2RDR
4,4'-DDD	5.07e-002	5.e-002	1007200.0	0.01	1.40	15.00	2RDR
Endosulfan II	4.97e-002	5.e-002	1200000.0	0.01	-0.60	15.00	2RDR
4,4'-DDT	5.11e-002	5.e-002	1128500.0	0.01	2.20	15.00	2RDR
Endrin Aldehyde	4.99e-002	5.e-002	917300.00	0.01	-0.20	15.00	2RDR
Endosulfan sulfate	5.01e-002	5.e-002	995420.00	0.01	0.20	15.00	2RDR
Methoxychlor	5.2e-002	5.e-002	745300.00	0.01	4.00	15.00	2RDR
Endrin Ketone	5.07e-002	5.e-002	1194800.0	0.01	1.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/13/04 Time: 1435

Lab File ID: 8UJ1150 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	5.3e-002	5.e-002	2327300.0	0.01	6.00	15.00	2RDR
gamma BHC	5.02e-002	5.e-002	2866400.0	0.01	0.40	15.00	2RDR
beta-BHC	5.4e-002	5.e-002	1424900.0	0.01	8.00	15.00	2RDR
delta-BHC	4.9e-002	5.e-002	1451900.0	0.01	-2.00	15.00	2RDR
Heptachlor	5.2e-002	5.e-002	3206600.0	0.01	4.00	15.00	2RDR
Aldrin	5.08e-002	5.e-002	2824400.0	0.01	1.60	15.00	2RDR
Heptachlor Epoxide	5.33e-002	5.e-002	2650100.0	0.01	6.60	15.00	2RDR
gamma-Chlordane	5.26e-002	5.e-002	2563000.0	0.01	5.20	15.00	2RDR
alpha-Chlordane	5.24e-002	5.e-002	2410600.0	0.01	4.80	15.00	2RDR
4,4'-DDE	5.23e-002	5.e-002	2476700.0	0.01	4.60	15.00	2RDR
alpha-BHC	5.28e-002	5.e-002	3121900.0	0.01	5.60	15.00	2RDR
Dieldrin	5.26e-002	5.e-002	2356900.0	0.01	5.20	15.00	2RDR
Endrin	5.29e-002	5.e-002	2062000.0	0.01	5.80	15.00	2RDR
4,4'-DDD	5.07e-002	5.e-002	1430400.0	0.01	1.40	15.00	2RDR
Endosulfan II	5.1e-002	5.e-002	1695000.0	0.01	2.00	15.00	2RDR
4,4'-DDT	5.23e-002	5.e-002	1509400.0	0.01	4.60	15.00	2RDR
Endrin Aldehyde	4.95e-002	5.e-002	1131300.0	0.01	-1.00	15.00	2RDR
Methoxychlor	5.19e-002	5.e-002	733360.00	0.01	3.80	15.00	2RDR
Endosulfan sulfate	4.92e-002	5.e-002	697480.00	0.01	-1.60	15.00	2RDR
Endrin Ketone	4.82e-002	5.e-002	976160.00	0.01	-3.60	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/13/04 Time: 1435

Lab File ID: 8UJ2150 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	5.13e-002	5.e-002	1853300.0	0.01	2.60	15.00	2RDR
gamma BHC	5.07e-002	5.e-002	2688300.0	0.01	1.40	15.00	2RDR
beta-BHC	5.22e-002	5.e-002	1326200.0	0.01	4.40	15.00	2RDR
delta-BHC	4.65e-002	5.e-002	1303300.0	0.01	-7.00	15.00	2RDR
Heptachlor	5.1e-002	5.e-002	2713000.0	0.01	2.00	15.00	2RDR
Aldrin	5.15e-002	5.e-002	2479200.0	0.01	3.00	15.00	2RDR
Heptachlor Epoxide	5.14e-002	5.e-002	2079600.0	0.01	2.80	15.00	2RDR
gamma-Chlordane	5.11e-002	5.e-002	1941300.0	0.01	2.20	15.00	2RDR
alpha-Chlordane	5.08e-002	5.e-002	1830300.0	0.01	1.60	15.00	2RDR
Endosulfan I	5.2e-002	5.e-002	1769600.0	0.01	4.00	15.00	2RDR
alpha-BHC	4.9e-002	5.e-002	2794100.0	0.01	-2.00	15.00	2RDR
Dieldrin	5.03e-002	5.e-002	1661000.0	0.01	0.60	15.00	2RDR
Endrin	5.01e-002	5.e-002	1416600.0	0.01	0.20	15.00	2RDR
4,4'-DDD	4.99e-002	5.e-002	1019700.0	0.01	-0.20	15.00	2RDR
Endosulfan II	4.86e-002	5.e-002	1236100.0	0.01	-2.80	15.00	2RDR
4,4'-DDT	4.96e-002	5.e-002	1116800.0	0.01	-0.80	15.00	2RDR
Endrin Aldehyde	4.81e-002	5.e-002	947140.00	0.01	-3.80	15.00	2RDR
Endosulfan sulfate	4.62e-002	5.e-002	651680.00	0.01	-7.60	15.00	2RDR
Methoxychlor	5.02e-002	5.e-002	774300.00	0.01	0.40	15.00	2RDR
Endrin Ketone	4.68e-002	5.e-002	907860.00	0.01	-6.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/05/04 Time: 1022

Lab File ID: 8UJ1028 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.33e-002	5.e-002	3273100.0	0.01	6.60	15.00	2RDR
gamma BHC	5.46e-002	5.e-002	2987800.0	0.01	9.20	15.00	2RDR
Heptachlor	5.58e-002	5.e-002	3060100.0	0.01	11.60	15.00	2RDR
beta-BHC	5.46e-002	5.e-002	1424100.0	0.01	9.20	15.00	2RDR
Aldrin	5.39e-002	5.e-002	2847500.0	0.01	7.80	15.00	2RDR
delta-BHC	5.06e-002	5.e-002	2502300.0	0.01	1.20	15.00	2RDR
Heptachlor Epoxide	5.73e-002	5.e-002	2574800.0	0.01	14.60	15.00	2RDR
Endosulfan I	5.28e-002	5.e-002	2148100.0	0.01	5.60	15.00	2RDR
4,4'-DDE	5.25e-002	5.e-002	2225600.0	0.01	5.00	15.00	2RDR
Dieldrin	5.59e-002	5.e-002	2240800.0	0.01	11.80	15.00	2RDR
Endrin	5.3e-002	5.e-002	1871100.0	0.01	6.00	15.00	2RDR
4,4'-DDD	5.24e-002	5.e-002	1414300.0	0.01	4.80	15.00	2RDR
Endosulfan II	5.43e-002	5.e-002	1681400.0	0.01	8.60	15.00	2RDR
4,4'-DDT	5.39e-002	5.e-002	1526700.0	0.01	7.80	15.00	2RDR
Endrin Aldehyde	5.49e-002	5.e-002	1149700.0	0.01	9.80	15.00	2RDR
Endosulfan sulfate	5.13e-002	5.e-002	1036100.0	0.01	2.60	15.00	2RDR
Methoxychlor	5.18e-002	5.e-002	707360.00	0.01	3.60	15.00	2RDR
alpha-Chlordane	5.73e-002	5.e-002	2433600.0	0.01	14.60	15.00	2RDR
gamma-Chlordane	5.69e-002	5.e-002	2541200.0	0.01	13.80	15.00	2RDR
Endrin Ketone	5.26e-002	5.e-002	1324900.0	0.01	5.20	15.00	2RDR
Tetrachloro-m-Xylene	5.41e-002	5.e-002	2088500.0	0.01	8.20	15.00	2RDR
Decachlorobiphenyl	5.52e-002	5.e-002	1583400.0	0.01	10.40	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/05/04 Time: 1022

Lab File ID: 8UJ2028 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	4.8e-002	5.e-002	2820400.0	0.01	-4.00	15.00	2RDR
gamma BHC	5.3e-002	5.e-002	2726800.0	0.01	6.00	15.00	2RDR
Heptachlor	4.7e-002	5.e-002	2349300.0	0.01	-6.00	15.00	2RDR
beta-BHC	5.5e-002	5.e-002	1315400.0	0.01	10.00	15.00	2RDR
Aldrin	5.e-002	5.e-002	2223300.0	0.01	0.00	15.00	2RDR
delta-BHC	4.91e-002	5.e-002	2220000.0	0.01	-1.80	15.00	2RDR
Heptachlor Epoxide	5.1e-002	5.e-002	1918900.0	0.01	2.00	15.00	2RDR
Endosulfan I	5.36e-002	5.e-002	1652700.0	0.01	7.20	15.00	2RDR
4,4'-DDE	5.19e-002	5.e-002	1666200.0	0.01	3.80	15.00	2RDR
Dieldrin	5.05e-002	5.e-002	1534200.0	0.01	1.00	15.00	2RDR
Endrin	4.96e-002	5.e-002	1305700.0	0.01	-0.80	15.00	2RDR
4,4'-DDD	5.05e-002	5.e-002	1001800.0	0.01	1.00	15.00	2RDR
Endosulfan II	5.08e-002	5.e-002	1225800.0	0.01	1.60	15.00	2RDR
4,4'-DDT	5.15e-002	5.e-002	1137600.0	0.01	3.00	15.00	2RDR
Endrin Aldehyde	5.25e-002	5.e-002	963540.00	0.01	5.00	15.00	2RDR
Endosulfan sulfate	5.07e-002	5.e-002	1006400.0	0.01	1.40	15.00	2RDR
Methoxychlor	5.08e-002	5.e-002	729640.00	0.01	1.60	15.00	2RDR
alpha-Chlordane	5.35e-002	5.e-002	1763300.0	0.01	7.00	15.00	2RDR
gamma-Chlordane	5.21e-002	5.e-002	1841400.0	0.01	4.20	15.00	2RDR
Endrin Ketone	5.2e-002	5.e-002	1225700.0	0.01	4.00	15.00	2RDR
Tetrachloro-m-Xylene	5.33e-002	5.e-002	2036200.0	0.01	6.60	15.00	2RDR
Decachlorobiphenyl	5.17e-002	5.e-002	1477800.0	0.01	3.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/06/04 Time: 1037

Lab File ID: 8UJ1044 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.74e-002	2.5e-002	3437500.0	0.01	9.60	15.00	2RDR	
gamma BHC	2.9e-002	2.5e-002	3233800.0	0.01	16.00	15.00	2RDR	<-
Heptachlor	2.87e-002	2.5e-002	3257700.0	0.01	14.80	15.00	2RDR	
beta-BHC	2.74e-002	2.5e-002	1471300.0	0.01	9.60	15.00	2RDR	
Aldrin	2.8e-002	2.5e-002	3041100.0	0.01	12.00	15.00	2RDR	
delta-BHC	2.57e-002	2.5e-002	2548400.0	0.01	2.80	15.00	2RDR	
Heptachlor Epoxide	2.81e-002	2.5e-002	2623600.0	0.01	12.40	15.00	2RDR	
Endosulfan I	2.88e-002	2.5e-002	2400400.0	0.01	15.20	15.00	2RDR	<-
4,4'-DDE	2.6e-002	2.5e-002	2233700.0	0.01	4.00	15.00	2RDR	
Dieldrin	2.85e-002	2.5e-002	2329800.0	0.01	14.00	15.00	2RDR	
Endrin	2.74e-002	2.5e-002	1973500.0	0.01	9.60	15.00	2RDR	
4,4'-DDD	2.58e-002	2.5e-002	1387400.0	0.01	3.20	15.00	2RDR	
Endosulfan II	2.86e-002	2.5e-002	1816600.0	0.01	14.40	15.00	2RDR	
4,4'-DDT	2.7e-002	2.5e-002	1523600.0	0.01	8.00	15.00	2RDR	
Endrin Aldehyde	2.91e-002	2.5e-002	1257600.0	0.01	16.40	15.00	2RDR	<-
Endosulfan sulfate	2.69e-002	2.5e-002	1094500.0	0.01	7.60	15.00	2RDR	
Methoxychlor	2.58e-002	2.5e-002	728960.00	0.01	3.20	15.00	2RDR	
alpha-Chlordane	2.86e-002	2.5e-002	2495500.0	0.01	14.40	15.00	2RDR	
gamma-Chlordane	2.85e-002	2.5e-002	2611400.0	0.01	14.00	15.00	2RDR	
Endrin Ketone	2.88e-002	2.5e-002	1484600.0	0.01	15.20	15.00	2RDR	<-
Tetrachloro-m-Xylene	2.88e-002	2.5e-002	2295800.0	0.01	15.20	15.00	2RDR	<-
Decachlorobiphenyl	3.04e-002	2.5e-002	1844500.0	0.01	21.60	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/06/04 Time: 1037

Lab File ID: 8UJ2044 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	2.5e-002	2.5e-002	2929600.0	0.01	0.00	15.00	2RDR
gamma BHC	2.56e-002	2.5e-002	2630700.0	0.01	2.40	15.00	2RDR
Heptachlor	2.65e-002	2.5e-002	2700200.0	0.01	6.00	15.00	2RDR
beta-BHC	2.61e-002	2.5e-002	1276800.0	0.01	4.40	15.00	2RDR
Aldrin	2.59e-002	2.5e-002	2311300.0	0.01	3.60	15.00	2RDR
delta-BHC	2.41e-002	2.5e-002	2147000.0	0.01	-3.60	15.00	2RDR
Heptachlor Epoxide	2.55e-002	2.5e-002	1955200.0	0.01	2.00	15.00	2RDR
Endosulfan I	2.69e-002	2.5e-002	1685200.0	0.01	7.60	15.00	2RDR
4,4'-DDE	2.53e-002	2.5e-002	1624800.0	0.01	1.20	15.00	2RDR
Dieldrin	2.48e-002	2.5e-002	1501600.0	0.01	-0.80	15.00	2RDR
Endrin	2.46e-002	2.5e-002	1292400.0	0.01	-1.60	15.00	2RDR
4,4'-DDD	2.41e-002	2.5e-002	934640.00	0.01	-3.60	15.00	2RDR
Endosulfan II	2.58e-002	2.5e-002	1261600.0	0.01	3.20	15.00	2RDR
4,4'-DDT	2.53e-002	2.5e-002	1092500.0	0.01	1.20	15.00	2RDR
Endrin Aldehyde	2.73e-002	2.5e-002	1021200.0	0.01	9.20	15.00	2RDR
Endosulfan sulfate	2.61e-002	2.5e-002	1038200.0	0.01	4.40	15.00	2RDR
Methoxychlor	2.59e-002	2.5e-002	752800.00	0.01	3.60	15.00	2RDR
alpha-Chlordane	2.68e-002	2.5e-002	1790400.0	0.01	7.20	15.00	2RDR
gamma-Chlordane	2.62e-002	2.5e-002	1884100.0	0.01	4.80	15.00	2RDR
Endrin Ketone	2.8e-002	2.5e-002	1321100.0	0.01	12.00	15.00	2RDR
Tetrachloro-m-Xylene	2.53e-002	2.5e-002	2007200.0	0.01	1.20	15.00	2RDR
Decachlorobiphenyl	2.66e-002	2.5e-002	1629400.0	0.01	6.40	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CT0351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/07/04 Time: 0943

Lab File ID: 8UJ1071 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	5.72e-002	5.e-002	3496500.0	0.01	14.40	15.00	2RDR	
gamma BHC	6.19e-002	5.e-002	3363200.0	0.01	23.80	15.00	2RDR	<-
Heptachlor	6.16e-002	5.e-002	3347800.0	0.01	23.20	15.00	2RDR	<-
beta-BHC	6.18e-002	5.e-002	1603100.0	0.01	23.60	15.00	2RDR	<-
Aldrin	5.84e-002	5.e-002	3068600.0	0.01	16.80	15.00	2RDR	<-
delta-BHC	4.35e-002	5.e-002	2156300.0	0.01	-13.00	15.00	2RDR	
Heptachlor Epoxide	6.15e-002	5.e-002	2745600.0	0.01	23.00	15.00	2RDR	<-
Endosulfan I	5.6e-002	5.e-002	2270300.0	0.01	12.00	15.00	2RDR	
4,4'-DDE	5.88e-002	5.e-002	2479700.0	0.01	17.60	15.00	2RDR	<-
Dieldrin	5.89e-002	5.e-002	2354700.0	0.01	17.80	15.00	2RDR	<-
Endrin	5.58e-002	5.e-002	1967000.0	0.01	11.60	15.00	2RDR	
4,4'-DDD	5.85e-002	5.e-002	1576100.0	0.01	17.00	15.00	2RDR	<-
Endosulfan II	5.74e-002	5.e-002	1772800.0	0.01	14.80	15.00	2RDR	
4,4'-DDT	5.6e-002	5.e-002	1583800.0	0.01	12.00	15.00	2RDR	
Endrin Aldehyde	5.94e-002	5.e-002	1238400.0	0.01	18.80	15.00	2RDR	<-
Endosulfan sulfate	5.01e-002	5.e-002	1012200.0	0.01	0.20	15.00	2RDR	
Methoxychlor	5.54e-002	5.e-002	753400.00	0.01	10.80	15.00	2RDR	
alpha-Chlordane	6.03e-002	5.e-002	2549800.0	0.01	20.60	15.00	2RDR	<-
gamma-Chlordane	6.06e-002	5.e-002	2699400.0	0.01	21.20	15.00	2RDR	<-
Endrin Ketone	6.e-002	5.e-002	1500400.0	0.01	20.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	6.19e-002	5.e-002	2366100.0	0.01	23.80	15.00	2RDR	<-
Decachlorobiphenyl	5.98e-002	5.e-002	1701200.0	0.01	19.60	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/07/04 Time: 0943

Lab File ID: 8UJ2071 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.98e-002	5.e-002	2923700.0	0.01	-0.40	15.00	2RDR	
gamma BHC	5.32e-002	5.e-002	2737800.0	0.01	6.40	15.00	2RDR	
Heptachlor	5.28e-002	5.e-002	2625700.0	0.01	5.60	15.00	2RDR	
beta-BHC	5.71e-002	5.e-002	1361900.0	0.01	14.20	15.00	2RDR	
Aldrin	5.1e-002	5.e-002	2266300.0	0.01	2.00	15.00	2RDR	
delta-BHC	3.91e-002	5.e-002	1761300.0	0.01	-21.80	15.00	2RDR	<-
Heptachlor Epoxide	5.21e-002	5.e-002	1959000.0	0.01	4.20	15.00	2RDR	
Endosulfan I	5.3e-002	5.e-002	1633000.0	0.01	6.00	15.00	2RDR	
4,4'-DDE	5.49e-002	5.e-002	1759400.0	0.01	9.80	15.00	2RDR	
Dieldrin	5.21e-002	5.e-002	1583600.0	0.01	4.20	15.00	2RDR	
Endrin	5.08e-002	5.e-002	1337300.0	0.01	1.60	15.00	2RDR	
4,4'-DDD	5.1e-002	5.e-002	1012800.0	0.01	2.00	15.00	2RDR	
Endosulfan II	5.15e-002	5.e-002	1242700.0	0.01	3.00	15.00	2RDR	
4,4'-DDT	5.e-002	5.e-002	1103900.0	0.01	0.00	15.00	2RDR	
Endrin Aldehyde	5.36e-002	5.e-002	983460.00	0.01	7.20	15.00	2RDR	
Endosulfan sulfate	4.56e-002	5.e-002	905580.00	0.01	-8.80	15.00	2RDR	
Methoxychlor	5.1e-002	5.e-002	732420.00	0.01	2.00	15.00	2RDR	
alpha-Chlordane	5.45e-002	5.e-002	1794000.0	0.01	9.00	15.00	2RDR	
gamma-Chlordane	5.19e-002	5.e-002	1834800.0	0.01	3.80	15.00	2RDR	
Endrin Ketone	5.63e-002	5.e-002	1327000.0	0.01	12.60	15.00	2RDR	
Tetrachloro-m-Xylene	5.62e-002	5.e-002	2138000.0	0.01	12.40	15.00	2RDR	
Decachlorobiphenyl	5.19e-002	5.e-002	1480700.0	0.01	3.80	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/07/04 Time: 1902

Lab File ID: 8UJ1091 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.95e-002	2.5e-002	1847000.0	0.01	18.00	15.00	2RDR	<-
gamma BHC	2.91e-002	2.5e-002	1623800.0	0.01	16.40	15.00	2RDR	<-
Heptachlor	2.89e-002	2.5e-002	1639700.0	0.01	15.60	15.00	2RDR	<-
beta-BHC	3.09e-002	2.5e-002	825760.00	0.01	23.60	15.00	2RDR	<-
Aldrin	2.99e-002	2.5e-002	1620900.0	0.01	19.60	15.00	2RDR	<-
delta-BHC	2.02e-002	2.5e-002	994160.00	0.01	-19.20	15.00	2RDR	<-
Heptachlor Epoxide	3.16e-002	2.5e-002	1470900.0	0.01	26.40	15.00	2RDR	<-
Endosulfan I	2.97e-002	2.5e-002	1237900.0	0.01	18.80	15.00	2RDR	<-
4,4'-DDE	2.93e-002	2.5e-002	1260700.0	0.01	17.20	15.00	2RDR	<-
Dieldrin	3.04e-002	2.5e-002	1243800.0	0.01	21.60	15.00	2RDR	<-
Endrin	2.86e-002	2.5e-002	1027000.0	0.01	14.40	15.00	2RDR	
4,4'-DDD	2.68e-002	2.5e-002	718760.00	0.01	7.20	15.00	2RDR	
Endosulfan II	2.95e-002	2.5e-002	937480.00	0.01	18.00	15.00	2RDR	<-
4,4'-DDT	2.53e-002	2.5e-002	713740.00	0.01	1.20	15.00	2RDR	
Endrin Aldehyde	3.08e-002	2.5e-002	664600.00	0.01	23.20	15.00	2RDR	<-
Endosulfan sulfate	2.36e-002	2.5e-002	480700.00	0.01	-5.60	15.00	2RDR	
Methoxychlor	2.46e-002	2.5e-002	348600.00	0.01	-1.60	15.00	2RDR	
alpha-Chlordane	3.19e-002	2.5e-002	1386000.0	0.01	27.60	15.00	2RDR	<-
gamma-Chlordane	3.1e-002	2.5e-002	1418700.0	0.01	24.00	15.00	2RDR	<-
Endrin Ketone	3.2e-002	2.5e-002	821840.00	0.01	28.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	3.07e-002	2.5e-002	1222800.0	0.01	22.80	15.00	2RDR	<-
Decachlorobiphenyl	3.22e-002	2.5e-002	971640.00	0.01	28.80	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/07/04 Time: 1902

Lab File ID: 8UJ2091 Init. Calib. Date(s): 09/21/04 10/04/04

Init. Calib. Times: 1434 1639

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.47e-002	2.5e-002	1448300.0	0.01	-1.20	15.00	2RDR	
gamma BHC	2.73e-002	2.5e-002	1408100.0	0.01	9.20	15.00	2RDR	
Heptachlor	2.64e-002	2.5e-002	1347000.0	0.01	5.60	15.00	2RDR	
beta-BHC	2.98e-002	2.5e-002	726420.00	0.01	19.20	15.00	2RDR	<-
Aldrin	2.58e-002	2.5e-002	1152900.0	0.01	3.20	15.00	2RDR	
delta-BHC	1.83e-002	2.5e-002	800200.00	0.01	-26.80	15.00	2RDR	<-
Heptachlor Epoxide	2.76e-002	2.5e-002	1057600.0	0.01	10.40	15.00	2RDR	
Endosulfan I	2.78e-002	2.5e-002	872260.00	0.01	11.20	15.00	2RDR	
4,4'-DDE	2.82e-002	2.5e-002	905660.00	0.01	12.80	15.00	2RDR	
Dieldrin	2.69e-002	2.5e-002	815440.00	0.01	7.60	15.00	2RDR	
Endrin	2.54e-002	2.5e-002	666300.00	0.01	1.60	15.00	2RDR	
4,4'-DDD	2.58e-002	2.5e-002	502480.00	0.01	3.20	15.00	2RDR	
Endosulfan II	2.71e-002	2.5e-002	662080.00	0.01	8.40	15.00	2RDR	
4,4'-DDT	2.37e-002	2.5e-002	509620.00	0.01	-5.20	15.00	2RDR	
Endrin Aldehyde	2.87e-002	2.5e-002	535700.00	0.01	14.80	15.00	2RDR	
Endosulfan sulfate	2.2e-002	2.5e-002	436560.00	0.01	-12.00	15.00	2RDR	
Methoxychlor	2.55e-002	2.5e-002	371220.00	0.01	2.00	15.00	2RDR	
alpha-Chlordane	2.83e-002	2.5e-002	945360.00	0.01	13.20	15.00	2RDR	
gamma-Chlordane	2.71e-002	2.5e-002	974800.00	0.01	8.40	15.00	2RDR	
Endrin Ketone	3.e-002	2.5e-002	707320.00	0.01	20.00	15.00	2RDR	<-
Tetrachloro-m-Xylene	2.89e-002	2.5e-002	1136200.0	0.01	15.60	15.00	2RDR	<-
Decachlorobiphenyl	2.88e-002	2.5e-002	875380.00	0.01	15.20	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 0743

Lab File ID: 8UJ1161 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.59e-002	5.e-002	3293700.0	0.01	11.80	15.00	2RDR
gamma BHC	5.39e-002	5.e-002	3062000.0	0.01	7.80	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	3397300.0	0.01	11.00	15.00	2RDR
beta-BHC	5.72e-002	5.e-002	1504400.0	0.01	14.40	15.00	2RDR
Aldrin	5.41e-002	5.e-002	2989400.0	0.01	8.20	15.00	2RDR
delta-BHC	4.74e-002	5.e-002	1403200.0	0.01	-5.20	15.00	2RDR
Heptachlor Epoxide	5.49e-002	5.e-002	2725100.0	0.01	9.80	15.00	2RDR
Endosulfan I	5.52e-002	5.e-002	2416300.0	0.01	10.40	15.00	2RDR
4,4'-DDE	5.38e-002	5.e-002	2543000.0	0.01	7.60	15.00	2RDR
Dieldrin	5.47e-002	5.e-002	2448000.0	0.01	9.40	15.00	2RDR
Endrin	5.43e-002	5.e-002	2111800.0	0.01	8.60	15.00	2RDR
4,4'-DDD	5.08e-002	5.e-002	1433500.0	0.01	1.60	15.00	2RDR
Endosulfan II	5.38e-002	5.e-002	1782100.0	0.01	7.60	15.00	2RDR
4,4'-DDT	5.37e-002	5.e-002	1547300.0	0.01	7.40	15.00	2RDR
Endrin Aldehyde	5.48e-002	5.e-002	1244100.0	0.01	9.60	15.00	2RDR
Endosulfan sulfate	4.57e-002	5.e-002	647840.00	0.01	-8.60	15.00	2RDR
Methoxychlor	5.39e-002	5.e-002	759620.00	0.01	7.80	15.00	2RDR
alpha-Chlordane	5.5e-002	5.e-002	2519200.0	0.01	10.00	15.00	2RDR
gamma-Chlordane	5.54e-002	5.e-002	2687300.0	0.01	10.80	15.00	2RDR
Endrin Ketone	4.77e-002	5.e-002	965600.00	0.01	-4.60	15.00	2RDR
Tetrachloro-m-Xylene	5.73e-002	5.e-002	2254700.0	0.01	14.60	15.00	2RDR
Decachlorobiphenyl	5.52e-002	5.e-002	1746200.0	0.01	10.40	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 0743

Lab File ID: 8UJ2161 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.99e-002	5.e-002	2847300.0	0.01	-0.20	15.00	2RDR	
gamma BHC	4.98e-002	5.e-002	2643700.0	0.01	-0.40	15.00	2RDR	
Heptachlor	4.79e-002	5.e-002	2556300.0	0.01	-4.20	15.00	2RDR	
beta-BHC	5.08e-002	5.e-002	1292900.0	0.01	1.60	15.00	2RDR	
Aldrin	5.05e-002	5.e-002	2432500.0	0.01	1.00	15.00	2RDR	
delta-BHC	4.27e-002	5.e-002	1194700.0	0.01	-14.60	15.00	2RDR	
Heptachlor Epoxide	5.11e-002	5.e-002	2065200.0	0.01	2.20	15.00	2RDR	
Endosulfan I	5.15e-002	5.e-002	1753700.0	0.01	3.00	15.00	2RDR	
4,4'-DDE	5.02e-002	5.e-002	1814800.0	0.01	0.40	15.00	2RDR	
Dieldrin	4.92e-002	5.e-002	1626900.0	0.01	-1.60	15.00	2RDR	
Endrin	5.05e-002	5.e-002	1428000.0	0.01	1.00	15.00	2RDR	
4,4'-DDD	4.94e-002	5.e-002	1009200.0	0.01	-1.20	15.00	2RDR	
Endosulfan II	4.97e-002	5.e-002	1262100.0	0.01	-0.60	15.00	2RDR	
4,4'-DDT	4.82e-002	5.e-002	1086300.0	0.01	-3.60	15.00	2RDR	
Endrin Aldehyde	5.04e-002	5.e-002	989480.00	0.01	0.80	15.00	2RDR	
Endosulfan sulfate	4.12e-002	5.e-002	582160.00	0.01	-17.60	15.00	2RDR	<-
Methoxychlor	4.95e-002	5.e-002	763260.00	0.01	-1.00	15.00	2RDR	
alpha-Chlordane	4.99e-002	5.e-002	1798100.0	0.01	-0.20	15.00	2RDR	
gamma-Chlordane	5.14e-002	5.e-002	1950800.0	0.01	2.80	15.00	2RDR	
Endrin Ketone	4.29e-002	5.e-002	833900.00	0.01	-14.20	15.00	2RDR	
Tetrachloro-m-Xylene	5.18e-002	5.e-002	2094500.0	0.01	3.60	15.00	2RDR	
Decachlorobiphenyl	5.07e-002	5.e-002	1549100.0	0.01	1.40	15.00	2RDR	

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 1846

Lab File ID: 8UJ1185 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	3.15e-002	2.5e-002	3787500.0	0.01	26.00	15.00	2RDR	<-
gamma BHC	2.87e-002	2.5e-002	3378800.0	0.01	14.80	15.00	2RDR	
Heptachlor	2.77e-002	2.5e-002	3563700.0	0.01	10.80	15.00	2RDR	
beta-BHC	3.2e-002	2.5e-002	1723500.0	0.01	28.00	15.00	2RDR	<-
Aldrin	3.04e-002	2.5e-002	3491800.0	0.01	21.60	15.00	2RDR	<-
delta-BHC	2.38e-002	2.5e-002	1407100.0	0.01	-4.80	15.00	2RDR	
Heptachlor Epoxide	3.18e-002	2.5e-002	3280000.0	0.01	27.20	15.00	2RDR	<-
Endosulfan I	3.17e-002	2.5e-002	2877200.0	0.01	26.80	15.00	2RDR	<-
4,4'-DDE	2.78e-002	2.5e-002	2698900.0	0.01	11.20	15.00	2RDR	
Dieldrin	3.03e-002	2.5e-002	2773700.0	0.01	21.20	15.00	2RDR	<-
Endrin	2.91e-002	2.5e-002	2348600.0	0.01	16.40	15.00	2RDR	<-
4,4'-DDD	2.55e-002	2.5e-002	1435600.0	0.01	2.00	15.00	2RDR	
Endosulfan II	2.89e-002	2.5e-002	1979400.0	0.01	15.60	15.00	2RDR	<-
4,4'-DDT	2.57e-002	2.5e-002	1495900.0	0.01	2.80	15.00	2RDR	
Endrin Aldehyde	3.01e-002	2.5e-002	1414200.0	0.01	20.40	15.00	2RDR	<-
Endosulfan sulfate	1.1e-002	2.5e-002	323320.00	0.01	-56.00	15.00	2RDR	<-
Methoxychlor	2.53e-002	2.5e-002	746040.00	0.01	1.20	15.00	2RDR	
alpha-Chlordane	3.16e-002	2.5e-002	3009600.0	0.01	26.40	15.00	2RDR	<-
gamma-Chlordane	3.18e-002	2.5e-002	3182300.0	0.01	27.20	15.00	2RDR	<-
Endrin Ketone	2.63e-002	2.5e-002	1098000.0	0.01	5.20	15.00	2RDR	
Tetrachloro-m-Xylene	3.15e-002	2.5e-002	2576700.0	0.01	26.00	15.00	2RDR	<-
Decachlorobiphenyl	3.06e-002	2.5e-002	2057400.0	0.01	22.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 1846

Lab File ID: 8UJ2185 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.47e-002	2.5e-002	2839600.0	0.01	-1.20	15.00	2RDR	
gamma BHC	2.65e-002	2.5e-002	2837200.0	0.01	6.00	15.00	2RDR	
Heptachlor	2.63e-002	2.5e-002	2876200.0	0.01	5.20	15.00	2RDR	
beta-BHC	2.88e-002	2.5e-002	1500600.0	0.01	15.20	15.00	2RDR	<-
Aldrin	2.7e-002	2.5e-002	2631700.0	0.01	8.00	15.00	2RDR	
delta-BHC	1.87e-002	2.5e-002	1014200.0	0.01	-25.20	15.00	2RDR	<-
Heptachlor Epoxide	2.72e-002	2.5e-002	2258000.0	0.01	8.80	15.00	2RDR	
Endosulfan I	2.74e-002	2.5e-002	1908800.0	0.01	9.60	15.00	2RDR	
4,4'-DDE	2.65e-002	2.5e-002	1948600.0	0.01	6.00	15.00	2RDR	
Dieldrin	2.59e-002	2.5e-002	1728600.0	0.01	3.60	15.00	2RDR	
Endrin	2.55e-002	2.5e-002	1445900.0	0.01	2.00	15.00	2RDR	
4,4'-DDD	2.46e-002	2.5e-002	989600.00	0.01	-1.60	15.00	2RDR	
Endosulfan II	2.64e-002	2.5e-002	1365700.0	0.01	5.60	15.00	2RDR	
4,4'-DDT	2.36e-002	2.5e-002	1053800.0	0.01	-5.60	15.00	2RDR	
Endrin Aldehyde	2.73e-002	2.5e-002	1102600.0	0.01	9.20	15.00	2RDR	
Endosulfan sulfate	9.66e-003	2.5e-002	279880.00	0.01	-61.36	15.00	2RDR	<-
Methoxychlor	2.49e-002	2.5e-002	788480.00	0.01	-0.40	15.00	2RDR	
alpha-Chlordane	2.69e-002	2.5e-002	1991600.0	0.01	7.60	15.00	2RDR	
gamma-Chlordane	2.73e-002	2.5e-002	2121800.0	0.01	9.20	15.00	2RDR	
Endrin Ketone	2.31e-002	2.5e-002	909320.00	0.01	-7.60	15.00	2RDR	
Tetrachloro-m-Xylene	2.78e-002	2.5e-002	2325200.0	0.01	11.20	15.00	2RDR	
Decachlorobiphenyl	2.7e-002	2.5e-002	1765300.0	0.01	8.00	15.00	2RDR	

FORM VII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.89 TCX: 4.20

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/04/04	1356		
02	ICAL	INDAB 0.05PP	10/04/04	1423	16.89	4.20
03	ICAL	INDAB 0.005P	10/04/04	1450	16.89	4.20
04	ICAL	INDAB 0.01PP	10/04/04	1518	16.89	4.20
05	ICAL	INDAB 0.025P	10/04/04	1545	16.89	4.20
06	ICAL	INDAB 0.10PP	10/04/04	1612	16.89	4.20
07	ICAL	INDAB 0.25PP	10/04/04	1639	16.89	4.20
08	INDSOURCE	INDAB 0.05PP	10/04/04	1706		
09	ICAL	TOX.SUB	10/04/04	1733		
10	ICAL	TC 0.5PPM	10/04/04	1801		
11	EVAL	EVAL	10/05/04	0955		
12	CV	INDAB 0.05P	10/05/04	1022	16.89	4.20
13	WG10401-BLAN	WG10401-1	10/05/04	1156	16.88	4.20
14	WG10401-LCS	WG10401-2	10/05/04	1223	16.88	4.20
15	CV	INDAB 0.025P	10/06/04	1037	16.88	4.19
16	EVAL	EVAL	10/07/04	0834		
17	CV	INDAB 0.05PP	10/07/04	0943	16.89	4.20
18	KWFCGS-MW06-	WG10401-3	10/07/04	1458	16.88	4.20
19	KWFCGS-MW06-	WG10401-4	10/07/04	1525	16.88	4.20
20	CV	INDAB 0.025P	10/07/04	1902	16.88	4.20

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.89 TCX: 4.20

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/13/04	1042		
02	ICAL	INDAB 0.05PP	10/13/04	1141	16.87	4.19
03	ICAL	INDAB 0.005P	10/13/04	1221	16.88	4.20
04	ICAL	INDAB 0.01PP	10/13/04	1248	16.85	4.19
05	ICAL	INDAB 0.025P	10/13/04	1314	16.85	4.19
06	ICAL	INDAB 0.10PP	10/13/04	1341	16.85	4.19
07	ICAL	INDAB 0.25PP	10/13/04	1408	16.85	4.19
08	IND SOURCE	INDAB 0.05PP	10/13/04	1435		
09	ICAL	TOX 1.0PPM	10/13/04	1502		
10	ICAL	CHLORDANE 0.	10/13/04	1530		
11	KWFCGS-MW05-	WU3256-1	10/13/04	1745	16.85	4.19
12	KWFCGS-MW10-	WU3256-2	10/13/04	1812	16.85	4.19
13	EVAL	EVAL	10/14/04	0716		
14	CV	INDAB 0.05PP	10/14/04	0743	16.85	4.19
15	KWFCGS-MW09-	WU3256-3	10/14/04	0838	16.85	4.19
16	KWFCGS-MW11-	WU3256-5	10/14/04	0932	16.85	4.19
17	KWFCGS-MW19-	WU3256-6	10/14/04	0959	16.85	4.19
18	KWFCGS-MW06-	WU3256-7	10/14/04	1026	16.85	4.19
19	KWFCGS-MW12-	WU3256-8	10/14/04	1054	16.85	4.19
20	KWFCGS-EB01-	WU3256-12	10/14/04	1252	16.87	4.19

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.89 TCX: 4.20

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	KWFCGS-FB01-	WU3256-13	10/14/04	1319	16.85	4.19
02	KWFCGS-DRUM0	WU3256-14	10/14/04	1346	16.85	4.19
03	KWFCGS-DRUM0	WU3256-15	10/14/04	1413	16.85	4.19
04	WG10401-BLAN	WG10401-1SC	10/14/04	1508	16.85	4.19
05	WG10401-LCS	~~WG10401-2SC~~	~~10/14/04~~	1535	16.85	4.19
06	KWFCGS-MW22-	WU3256-4SC	10/14/04	1602	16.87	4.20
07	KWFCGS-MW07-	WU3256-9SC	10/14/04	1630	16.87	4.20
08	KWFCGS-FD01-	WU3256-10SC	10/14/04	1657	16.85	4.20
09	KWFCGS-MW08-	WU3256-11SC	10/14/04	1724	16.85	4.19
10	CV	INDAB 0.025P	10/14/04	1846	16.85	4.19
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.11 TCX: 4.79

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/04/04	1356		
02	ICAL	INDAB 0.05PP	10/04/04	1423	20.11	4.79
03	ICAL	INDAB 0.005P	10/04/04	1450	20.11	4.79
04	ICAL	INDAB 0.01PP	10/04/04	1518	20.11	4.79
05	ICAL	INDAB 0.025P	10/04/04	1545	20.11	4.79
06	ICAL	INDAB 0.10PP	10/04/04	1612	20.11	4.79
07	ICAL	INDAB 0.25PP	10/04/04	1639	20.11	4.79
08	INDSOURCE	INDAB 0.05PP	10/04/04	1706		
09	ICAL	TOX.SUB	10/04/04	1733		
10	ICAL	TC 0.5PPM	10/04/04	1801		
11	EVAL	EVAL	10/05/04	0955		
12	CV	INDAB 0.05P	10/05/04	1022	20.09	4.79
13	WG10401-BLAN	WG10401-1	10/05/04	1156	20.09	4.79
14	WG10401-LCS	WG10401-2	10/05/04	1223	20.09	4.79
15	CV	INDAB 0.025P	10/06/04	1037	20.09	4.77
16	EVAL	EVAL	10/07/04	0834		
17	CV	INDAB 0.05PP	10/07/04	0943	20.09	4.79
18	KWFCGS-MW06-	WG10401-3	10/07/04	1458	20.09	4.79
19	KWFCGS-MW06-	WG10401-4	10/07/04	1525	20.09	4.79
20	CV	INDAB 0.025P	10/07/04	1902	20.09	4.79

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.11 TCX: 4.79

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/13/04	1042		
02	ICAL	INDAB 0.05PP	10/13/04	1141	20.07	4.77
03	ICAL	INDAB 0.005P	10/13/04	1221	20.07	4.77
04	ICAL	INDAB 0.01PP	10/13/04	1248	20.07	4.77
05	ICAL	INDAB 0.025P	10/13/04	1314	20.07	4.77
06	ICAL	INDAB 0.10PP	10/13/04	1341	20.07	4.77
07	ICAL	INDAB 0.25PP	10/13/04	1408	20.07	4.77
08	IND SOURCE	INDAB 0.05PP	10/13/04	1435		
09	ICAL	TOX 1.0PPM	10/13/04	1502		
10	ICAL	CHLORDANE 0.	10/13/04	1530		
11	KWFCGS-MW05-	WU3256-1	10/13/04	1745	20.07	4.77
12	KWFCGS-MW10-	WU3256-2	10/13/04	1812	20.07	4.77
13	EVAL	EVAL	10/14/04	0716		
14	CV	INDAB 0.05PP	10/14/04	0743	20.07	4.77
15	KWFCGS-MW09-	WU3256-3	10/14/04	0838	20.07	4.77
16	KWFCGS-MW11-	WU3256-5	10/14/04	0932	20.05	4.77
17	KWFCGS-MW19-	WU3256-6	10/14/04	0959	20.05	4.77
18	KWFCGS-MW06-	WU3256-7	10/14/04	1026	20.05	4.77
19	KWFCGS-MW12-	WU3256-8	10/14/04	1054	20.07	4.77
20	KWFCGS-EB01-	WU3256-12	10/14/04	1252	20.07	4.77

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.11 TCX: 4.79

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	KWFCGS-FB01-	WU3256-13	10/14/04	1319	20.07	4.77
02	KWFCGS-DRUM0	WU3256-14	10/14/04	1346	20.07	4.77
03	KWFCGS-DRUM0	WU3256-15	10/14/04	1413	20.07	4.77
04	WG10401-BLAN	WG10401-1SC	10/14/04	1508	20.07	4.77
05	WG10401-LCS	WG10401-2SC	10/14/04	1535	20.07	4.77
06	KWFCGS-MW22-	WU3256-4SC	10/14/04	1602	20.07	4.77
07	KWFCGS-MW07-	WU3256-9SC	10/14/04	1630	20.07	4.79
08	KWFCGS-FD01-	WU3256-10SC	10/14/04	1657	20.07	4.79
09	KWFCGS-MW08-	WU3256-11SC	10/14/04	1724	20.07	4.77
10	CV	INDAB 0.025P	10/14/04	1846	20.05	4.77
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCGS-M
W22-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CT0351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3256

Lab Sample ID: WU3256-4SC Date(s) Analyzed: 10/14/04 10/14/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	4.91	4.83	4.93	0.0366	
	2	5.72	5.66	5.76	0.0198	45.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

FORM 10
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE ID

KWFCGS-F
D01-0904

Lab Name: KATAHDIN ANALYTICAL SERVICES Project: CTO351 NAS KEY

Lab Code: KAS PO No.: SDG No.: WU3256

Lab Sample ID: WU3256-10SC Date(s) Analyzed: 10/14/04 10/14/04

Instrument ID (1): GC08 Instrument ID (2): GC08

GC Column(1): RTX-CLPI ID: 0.53(mm) GC Column(2): RTX-CLPII ID: 0.53(mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
alpha-BHC	1	4.91	4.83	4.93	0.0188	
	2	5.73	5.66	5.76	0.0296	36.5
delta-BHC	1	5.69	5.66	5.76	0.0205	
	2	6.87	6.84	6.94	0.0234	12.4
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

FORM X PEST-1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10399-1RA
Client ID: WG10399-Blank
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.11	1.0	0.50	0.50	0.11
11104-28-2	Aroclor-1221	U	0.33	1.0	0.50	0.50	0.33
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.11	1.0	0.50	0.50	0.11
11097-69-1	Aroclor-1254	U	0.18	1.0	0.50	0.50	0.18
11096-82-5	Aroclor-1260	U	0.080	1.0	0.50	0.50	0.080
877-09-8	Tetrachloro-m-xylene		60%				
2051-24-3	Decachlorobiphenyl		73%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 09/30/04
Analysis Date: 10/18/04
Report Date: 10/21/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10399-1SC
Client ID: WG10399-Blank
SDG: WU3256
Extracted by: AZ
Extraction Method: SW846 3510
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10399SC
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	0.11	1.0	0.50	0.50	0.11
11104-28-2	Aroclor-1221	U	0.33	1.0	0.50	0.50	0.33
11141-16-5	Aroclor-1232	U	0.28	1.0	0.50	0.50	0.28
53469-21-9	Aroclor-1242	U	0.22	1.0	0.50	0.50	0.22
12672-29-6	Aroclor-1248	U	0.11	1.0	0.50	0.50	0.11
11097-69-1	Aroclor-1254	U	0.18	1.0	0.50	0.50	0.18
11096-82-5	Aroclor-1260	U	0.080	1.0	0.50	0.50	0.080
877-09-8	Tetrachloro-m-xylene		54%				
2051-24-3	Decachlorobiphenyl		75%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/15/04
Report Date: 10/21/2004
Matrix: SOIL
% Solids: 100

Lab ID: WG10686-1
Client ID: WG10686-Blank
SDG: WU3256
Extracted by: NB
Extraction Method: SW846 3550
Analyst: SAW
Analysis Method: SW846 8082
Lab Prep Batch: WG10686
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
12674-11-2	Aroclor-1016	U	10	1.0	17	17	10
11104-28-2	Aroclor-1221	U	8.2	1.0	17	17	8.2
11141-16-5	Aroclor-1232	U	5.3	1.0	17	17	5.3
53469-21-9	Aroclor-1242	U	6.7	1.0	17	17	6.7
12672-29-6	Aroclor-1248	U	8.2	1.0	17	17	8.2
11097-69-1	Aroclor-1254	U	4.7	1.0	17	17	4.7
11096-82-5	Aroclor-1260	U	8.6	1.0	17	17	8.6
877-09-8	Tetrachloro-m-xylene		79%				
2051-24-3	Decachlorobiphenyl		90%				

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.76 DCB: 20.12

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	10/14/04	1951	6.76	20.12
02	ICAL	AR1660 0.05P	10/14/04	2019	6.76	20.12
03	ICAL	AR1660 0.1PP	10/14/04	2048	6.76	20.12
04	ICAL	AR1660 0.25P	10/14/04	2116	6.76	20.12
05	ICAL	AR1660 2.5PP	10/14/04	2145	6.76	20.12
06	ICAL	AR1660 10PPM	10/14/04	2213	6.76	20.12
07	CV	AR1016 1.0PP	10/14/04	2241		
08	CV	AR1260 1.0PP	10/14/04	2310		
09	ICAL	AR1242 1.0PP	10/14/04	2338		
10	ICAL	AR1248 1.0PP	10/15/04	0229		
11	ICAL	AR1254 1.0PP	10/15/04	0519		
12	ICAL	AR1221 1.0PP	10/15/04	0810		
13	ICAL	AR1232 1.0PP	10/15/04	0838		
14	WG10686-BLAN	WG10686-1	10/15/04	1344	6.76	20.12
15	WG10686-LCS	WG10686-2	10/15/04	1412	6.76	20.12
16	WG10686-LCSD	WG10686-3	10/15/04	1441	6.76	20.11
17	KWFCGS-DRUM-	WU3256-16	10/15/04	1509	6.76	20.12
18	WG10399-BLAN	WG10399-1RA	10/15/04	1725	6.78	20.13
19	WG10399-LCS	WG10399-2RA	10/15/04	1753	6.76	20.12
20	CV	AR1660 0.25P	10/15/04	1822	6.76	20.12

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.76 DCB: 20.12

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCGS-MW05-	WU3256-1	10/15/04	2016	6.76	20.12
02	KWFCGS-MW10-	WU3256-2	10/15/04	2044	6.75	20.12
03	KWFCGS-MW09-	WU3256-3	10/15/04	2113	6.76	20.12
04	KWFCGS-MW11-	WU3256-5	10/15/04	2210	6.76	20.12
05	KWFCGS-MW19-	WU3256-6	10/15/04	2238	6.76	20.12
06	KWFCGS-MW12-	WU3256-8	10/15/04	2336	6.76	20.12
07	KWFCGS-EB01-	WU3256-12	10/16/04	0130	6.75	20.12
08	KWFCGS-FB01-	WU3256-13	10/16/04	0158	6.75	20.12
09	KWFCGS-DRUM0	WU3256-14	10/16/04	0227	6.75	20.12
10	KWFCGS-DRUM0	WU3256-15	10/16/04	0256	6.75	20.12
11	CV	AR1660 1.0PP	10/16/04	0420	6.75	20.12
12	CV	AR1660 1.0PP	10/18/04	1052	6.76	20.12
13	WG10399-BLAN	WG10399-1SC	10/18/04	1527	6.75	20.11
14	WG10399-LCS	WG10399-2SC	10/18/04	1556	6.75	20.11
15	KWFCGS-MW22-	WU3256-4SC	10/18/04	1624	6.75	20.11
16	KWFCGS-MW06-	WU3256-7SC	10/18/04	1653	6.75	20.11
17	KWFCGS-MW07-	WU3256-9SC	10/18/04	1721	6.75	20.11
18	KWFCGS-FD01-	WU3256-10SC	10/18/04	1750	6.75	20.11
19	KWFCGS-MW08-	WU3256-11SC	10/18/04	1818	6.75	20.11
20	KWFCGS-MW06-	WG10399-3SC	10/18/04	1846	6.75	20.11

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-5 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.76 DCB: 20.12

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCGS-MW06-	WG10399-4SC	10/18/04	1915	6.75	20.11
02	CV	AR1660 0.25P	10/18/04	2205	6.75	20.11
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.57 DCB: 20.51

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	ICAL	AR1660 1.0PP	10/14/04	1951	6.57	20.51
02	ICAL	AR1660 0.05P	10/14/04	2019	6.57	20.51
03	ICAL	AR1660 0.1PP	10/14/04	2048	6.57	20.51
04	ICAL	AR1660 0.25P	10/14/04	2116	6.57	20.51
05	ICAL	AR1660 2.5PP	10/14/04	2145	6.57	20.51
06	ICAL	AR1660 10PPM	10/14/04	2213	6.57	20.51
07	ICAL	AR1016 1.0PP	10/14/04	2241		
08	ICAL	AR1260 1.0PP	10/14/04	2310		
09	ICAL	AR1242 1.0PP	10/14/04	2338		
10	ICAL	AR1248 1.0PP	10/15/04	0229		
11	ICAL	AR1254 1.0PP	10/15/04	0519		
12	ICAL	AR1221 1.0PP	10/15/04	0810		
13	ICAL	AR1232 1.0PP	10/15/04	0838		
14	WG10686-BLAN	WG10686-1	10/15/04	1344	6.57	20.50
15	WG10686-LCS	WG10686-2	10/15/04	1412	6.57	20.50
16	WG10686-LCSD	WG10686-3	10/15/04	1441	6.57	20.50
17	KWFCGS-DRUM-	WU3256-16	10/15/04	1509	6.57	20.50
18	WG10399-BLAN	WG10399-1RA	10/15/04	1725	6.58	20.51
19	WG10399-LCS	WG10399-2RA	10/15/04	1753	6.58	20.51
20	CV	AR1660 0.25P	10/15/04	1822	6.57	20.51

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.57 DCB: 20.51

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCGS-MW05-	WU3256-1	10/15/04	2016	6.57	20.50
02	KWFCGS-MW10-	WU3256-2	10/15/04	2044	6.57	20.50
03	KWFCGS-MW09-	WU3256-3	10/15/04	2113	6.57	20.50
04	KWFCGS-MW11-	WU3256-5	10/15/04	2210	6.57	20.50
05	KWFCGS-MW19-	WU3256-6	10/15/04	2238	6.57	20.50
06	KWFCGS-MW12-	WU3256-8	10/15/04	2336	6.57	20.50
07	KWFCGS-EB01-	WU3256-12	10/16/04	0130	6.57	20.50
08	KWFCGS-FB01-	WU3256-13	10/16/04	0158	6.57	20.50
09	KWFCGS-DRUM0	WU3256-14	10/16/04	0227	6.57	20.50
10	KWFCGS-DRUM0	WU3256-15	10/16/04	0256	6.57	20.50
11	CV	AR1660 1.0PP	10/16/04	0420	6.57	20.50
12	CV	AR1660 1.0PP	10/18/04	1052	6.57	20.50
13	WG10399-BLAN	WG10399-1SC	10/18/04	1527	6.56	20.50
14	WG10399-LCS	WG10399-2SC	10/18/04	1556	6.56	20.50
15	KWFCGS-MW22-	WU3256-4SC	10/18/04	1624	6.56	20.50
16	KWFCGS-MW06-	WU3256-7SC	10/18/04	1653	6.56	20.50
17	KWFCGS-MW07-	WU3256-9SC	10/18/04	1721	6.56	20.49
18	KWFCGS-FD01-	WU3256-10SC	10/18/04	1750	6.56	20.49
19	KWFCGS-MW08-	WU3256-11SC	10/18/04	1818	6.56	20.50
20	KWFCGS-MW06-	WG10399-3SC	10/18/04	1846	6.56	20.49

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-35 ID: 0.53 (mm) Init. Calib. Date(s): 10/14/04 10/15/04

Instrument ID: GC06

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 6.57 DCB: 20.51

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	KWFCGS-MW06-	WG10399-4SC	10/18/04	1915	6.56	20.50
02	CV	AR1660 0.25P	10/18/04	2205	6.56	20.50
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						

QC LIMITS
TCX = Tetrachloro-m-xylene (+/- 0.07 MINUTES)
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/05/04
Analysis Date: 10/08/04
Report Date: 10/11/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10548-1
Client ID: WG10548-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10548
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
110-86-1	Pyridine	U	250	1.0	250	250	0.6
106-46-7	1,4-Dichlorobenzene	U	50	1.0	50	50	0.6
95-48-7	2-Methylphenol	U	50	1.0	50	50	1
106-44-5	3&4-Methylphenol	U	100	1.0	100	100	2
67-72-1	Hexachloroethane	U	50	1.0	50	50	0.5
98-95-3	Nitrobenzene	U	50	1.0	50	50	0.5
87-68-3	Hexachlorobutadiene	U	50	1.0	50	50	0.8
88-06-2	2,4,6-Trichlorophenol	U	50	1.0	50	50	2
95-95-4	2,4,5-Trichlorophenol	U	120	1.0	120	120	1
121-14-2	2,4-Dinitrotoluene	U	50	1.0	50	50	0.8
118-74-1	Hexachlorobenzene	U	50	1.0	50	50	0.8
87-86-5	Pentachlorophenol	U	120	1.0	120	120	2
367-12-4	2-Fluorophenol		62%				
13127-88-3	Phenol-D6		41%				
4165-60-0	Nitrobenzene-D5		85%				
321-60-8	2-Fluorobiphenyl		* 36%				
118-79-6	2,4,6-Tribromophenol		91%				
1718-51-0	Terphenyl-D14		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/05/04
Analysis Date: 10/08/04
Report Date: 10/12/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10548-4
Client ID: TCLP Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: WG10548
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
110-86-1	Pyridine	U	250	1.0	250	250	3
106-46-7	1,4-Dichlorobenzene	U	50	1.0	50	50	3
95-48-7	2-Methylphenol	U	50	1.0	50	50	5
106-44-5	3&4-Methylphenol	U	100	1.0	100	100	10
67-72-1	Hexachloroethane	U	50	1.0	50	50	2
98-95-3	Nitrobenzene	U	50	1.0	50	50	3
87-68-3	Hexachlorobutadiene	U	50	1.0	50	50	4
88-06-2	2,4,6-Trichlorophenol	U	50	1.0	50	50	8
95-95-4	2,4,5-Trichlorophenol	U	120	1.0	120	120	7
121-14-2	2,4-Dinitrotoluene	U	50	1.0	50	50	4
118-74-1	Hexachlorobenzene	U	50	1.0	50	50	4
87-86-5	Pentachlorophenol	U	120	1.0	120	120	9
367-12-4	2-Fluorophenol		90%				
13127-88-3	Phenol-D6		91%				
4165-60-0	Nitrobenzene-D5		86%				
321-60-8	2-Fluorobiphenyl		61%				
118-79-6	2,4,6-Tribromophenol		82%				
1718-51-0	Terphenyl-D14		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/13/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10669-1
Client ID: WG10669-Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10669
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
58-89-9	gamma BHC	U	0.022	1.0	0.25	0.25	0.022
76-44-8	Heptachlor	U	0.024	1.0	0.25	0.25	0.024
1024-57-3	Heptachlor Epoxide	U	0.023	1.0	0.25	0.25	0.023
72-20-8	Endrin	U	0.018	1.0	0.50	0.50	0.018
72-43-5	Methoxychlor	U	0.045	1.0	2.5	2.5	0.045
8001-35-2	Toxaphene	U	0.92	1.0	5.0	5.0	0.92
12789-03-6	Chlordane	U	0.15	1.0	2.5	2.5	0.15
877-09-8	Tetrachloro-m-Xylene		79%				
2051-24-3	Decachlorobiphenyl		79%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:
Project: CTO351 NAS KEY WEST
PO No:
Sample Date:
Received Date:
Extraction Date: 10/08/04
Analysis Date: 10/13/04
Report Date: 10/19/2004
Matrix: WATER
% Solids: NA

Lab ID: WG10669-4
Client ID: TCLP Blank
SDG: WU3256
Extracted by: JP
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG10669
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
58-89-9	gamma BHC	U	0.11	1.0	0.25	0.25	0.11
76-44-8	Heptachlor	U	0.12	1.0	0.25	0.25	0.12
1024-57-3	Heptachlor Epoxide	U	0.12	1.0	0.25	0.25	0.12
72-20-8	Endrin	U	0.090	1.0	0.50	0.50	0.090
72-43-5	Methoxychlor	U	0.22	1.0	2.5	2.5	0.22
8001-35-2	Toxaphene	U	4.6	1.0	5.0	5.0	4.6
12789-03-6	Chlordane	U	0.75	1.0	2.5	2.5	0.75
877-09-8	Tetrachloro-m-Xylene		80%				
2051-24-3	Decachlorobiphenyl		93%				

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPI ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 16.85 TCX: 4.15

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/13/04	1042		
02	ICAL	INDAB 0.05PP	10/13/04	1141	16.87	4.19
03	ICAL	INDAB 0.005P	10/13/04	1221	16.88	4.20
04	ICAL	INDAB 0.01PP	10/13/04	1248	16.85	4.19
05	ICAL	INDAB 0.025P	10/13/04	1314	16.85	4.19
06	ICAL	INDAB 0.10PP	10/13/04	1341	16.85	4.19
07	ICAL	INDAB 0.25PP	10/13/04	1408	16.85	4.19
08	IND SOURCE	INDAB 0.05PP	10/13/04	1435		
09	ICAL	TOX 1.0PPM	10/13/04	1502		
10	ICAL	CHLORDANE 0.	10/13/04	1530		
11	WG10669-BLAN	WG10669-1	10/13/04	1557	16.85	4.19
12	WG10669-LCS	WG10669-2	10/13/04	1624	16.85	4.19
13	WG10669-LCSD	WG10669-3	10/13/04	1651	16.85	4.19
14	TCLP BLANK	WG10669-4	10/13/04	1718	16.85	4.19
15	EVAL	EVAL	10/14/04	0716		
16	CV	INDAB 0.05PP	10/14/04	0743	16.85	4.19
17	KWFCGS-DRUM-	WU3256-16	10/14/04	1441	16.85	4.19
18	CV	INDAB 0.025P	10/14/04	1846	16.85	4.19
19						
20						

QC LIMITS

DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 8
SEMIVOLATILE ANALYTICAL SEQUENCE

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

GC Column: RTX-CLPII ID: 0.53 (mm) Init. Calib. Date(s): 09/21/04 10/13/04

Instrument ID: GC08

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
DCB: 20.05 TCX: 4.77

	CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DCB RT #	TCX RT #
01	EVAL	EVAL	10/13/04	1042		
02	ICAL	INDAB 0.05PP	10/13/04	1141	20.07	4.77
03	ICAL	INDAB 0.005P	10/13/04	1221	20.07	4.77
04	ICAL	INDAB 0.01PP	10/13/04	1248	20.07	4.77
05	ICAL	INDAB 0.025P	10/13/04	1314	20.07	4.77
06	ICAL	INDAB 0.10PP	10/13/04	1341	20.07	4.77
07	ICAL	INDAB 0.25PP	10/13/04	1408	20.07	4.77
08	IND SOURCE	INDAB 0.05PP	10/13/04	1435		
09	ICAL	TOX 1.0PPM	10/13/04	1502		
10	ICAL	CHLORDANE 0.	10/13/04	1530		
11	WG10669-BLAN	WG10669-1	10/13/04	1557	20.07	4.77
12	WG10669-LCS	WG10669-2	10/13/04	1624	20.07	4.77
13	WG10669-LCSD	WG10669-3	10/13/04	1651	20.07	4.77
14	TCLP BLANK	WG10669-4	10/13/04	1718	20.07	4.77
15	EVAL	EVAL	10/14/04	0716		
16	CV	INDAB 0.05PP	10/14/04	0743	20.07	4.77
17	KWFCGS-DRUM-	WU3256-16	10/14/04	1441	20.07	4.77
18	CV	INDAB 0.025P	10/14/04	1846	20.05	4.77
19						
20						

QC LIMITS
DCB = Decachlorobiphenyl (+/- 0.07 MINUTES)
TCX = Tetrachloro-m-Xylene (+/- 0.07 MINUTES)

Column used to flag retention time values with an asterisk.
* Values outside of QC limits.

FORM VIII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/13/04 Time: 1435

Lab File ID: 8UJ1150 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
Endosulfan I	5.3e-002	5.e-002	2327300.0	0.01	6.00	15.00	2RDR
gamma BHC	5.02e-002	5.e-002	2866400.0	0.01	0.40	15.00	2RDR
beta-BHC	5.4e-002	5.e-002	1424900.0	0.01	8.00	15.00	2RDR
delta-BHC	4.9e-002	5.e-002	1451900.0	0.01	-2.00	15.00	2RDR
Heptachlor	5.2e-002	5.e-002	3206600.0	0.01	4.00	15.00	2RDR
Aldrin	5.08e-002	5.e-002	2824400.0	0.01	1.60	15.00	2RDR
Heptachlor Epoxide	5.33e-002	5.e-002	2650100.0	0.01	6.60	15.00	2RDR
gamma-Chlordane	5.26e-002	5.e-002	2563000.0	0.01	5.20	15.00	2RDR
alpha-Chlordane	5.24e-002	5.e-002	2410600.0	0.01	4.80	15.00	2RDR
4,4'-DDE	5.23e-002	5.e-002	2476700.0	0.01	4.60	15.00	2RDR
alpha-BHC	5.28e-002	5.e-002	3121900.0	0.01	5.60	15.00	2RDR
Dieldrin	5.26e-002	5.e-002	2356900.0	0.01	5.20	15.00	2RDR
Endrin	5.29e-002	5.e-002	2062000.0	0.01	5.80	15.00	2RDR
4,4'-DDD	5.07e-002	5.e-002	1430400.0	0.01	1.40	15.00	2RDR
Endosulfan II	5.1e-002	5.e-002	1695000.0	0.01	2.00	15.00	2RDR
4,4'-DDT	5.23e-002	5.e-002	1509400.0	0.01	4.60	15.00	2RDR
Endrin Aldehyde	4.95e-002	5.e-002	1131300.0	0.01	-1.00	15.00	2RDR
Methoxychlor	5.19e-002	5.e-002	733360.00	0.01	3.80	15.00	2RDR
Endosulfan sulfate	4.92e-002	5.e-002	697480.00	0.01	-1.60	15.00	2RDR
Endrin Ketone	4.82e-002	5.e-002	976160.00	0.01	-3.60	15.00	2RDR

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/13/04 Time: 1435

Lab File ID: 8UJ2150 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
4,4'-DDE	5.13e-002	5.e-002	1853300.0	0.01	2.60	15.00	2RDR
gamma BHC	5.07e-002	5.e-002	2688300.0	0.01	1.40	15.00	2RDR
beta-BHC	5.22e-002	5.e-002	1326200.0	0.01	4.40	15.00	2RDR
delta-BHC	4.65e-002	5.e-002	1303300.0	0.01	-7.00	15.00	2RDR
Heptachlor	5.1e-002	5.e-002	2713000.0	0.01	2.00	15.00	2RDR
Aldrin	5.15e-002	5.e-002	2479200.0	0.01	3.00	15.00	2RDR
Heptachlor Epoxide	5.14e-002	5.e-002	2079600.0	0.01	2.80	15.00	2RDR
gamma-Chlordane	5.11e-002	5.e-002	1941300.0	0.01	2.20	15.00	2RDR
alpha-Chlordane	5.08e-002	5.e-002	1830300.0	0.01	1.60	15.00	2RDR
Endosulfan I	5.2e-002	5.e-002	1769600.0	0.01	4.00	15.00	2RDR
alpha-BHC	4.9e-002	5.e-002	2794100.0	0.01	-2.00	15.00	2RDR
Dieldrin	5.03e-002	5.e-002	1661000.0	0.01	0.60	15.00	2RDR
Endrin	5.01e-002	5.e-002	1416600.0	0.01	0.20	15.00	2RDR
4,4'-DDD	4.99e-002	5.e-002	1019700.0	0.01	-0.20	15.00	2RDR
Endosulfan II	4.86e-002	5.e-002	1236100.0	0.01	-2.80	15.00	2RDR
4,4'-DDT	4.96e-002	5.e-002	1116800.0	0.01	-0.80	15.00	2RDR
Endrin Aldehyde	4.81e-002	5.e-002	947140.00	0.01	-3.80	15.00	2RDR
Endosulfan sulfate	4.62e-002	5.e-002	651680.00	0.01	-7.60	15.00	2RDR
Methoxychlor	5.02e-002	5.e-002	774300.00	0.01	0.40	15.00	2RDR
Endrin Ketone	4.68e-002	5.e-002	907860.00	0.01	-6.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 0743

Lab File ID: 8UJ1161 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE
alpha-BHC	5.59e-002	5.e-002	3293700.0	0.01	11.80	15.00	2RDR
gamma BHC	5.39e-002	5.e-002	3062000.0	0.01	7.80	15.00	2RDR
Heptachlor	5.55e-002	5.e-002	3397300.0	0.01	11.00	15.00	2RDR
beta-BHC	5.72e-002	5.e-002	1504400.0	0.01	14.40	15.00	2RDR
Aldrin	5.41e-002	5.e-002	2989400.0	0.01	8.20	15.00	2RDR
delta-BHC	4.74e-002	5.e-002	1403200.0	0.01	-5.20	15.00	2RDR
Heptachlor Epoxide	5.49e-002	5.e-002	2725100.0	0.01	9.80	15.00	2RDR
Endosulfan I	5.52e-002	5.e-002	2416300.0	0.01	10.40	15.00	2RDR
4,4'-DDE	5.38e-002	5.e-002	2543000.0	0.01	7.60	15.00	2RDR
Dieldrin	5.47e-002	5.e-002	2448000.0	0.01	9.40	15.00	2RDR
Endrin	5.43e-002	5.e-002	2111800.0	0.01	8.60	15.00	2RDR
4,4'-DDD	5.08e-002	5.e-002	1433500.0	0.01	1.60	15.00	2RDR
Endosulfan II	5.38e-002	5.e-002	1782100.0	0.01	7.60	15.00	2RDR
4,4'-DDT	5.37e-002	5.e-002	1547300.0	0.01	7.40	15.00	2RDR
Endrin Aldehyde	5.48e-002	5.e-002	1244100.0	0.01	9.60	15.00	2RDR
Endosulfan sulfate	4.57e-002	5.e-002	647840.00	0.01	-8.60	15.00	2RDR
Methoxychlor	5.39e-002	5.e-002	759620.00	0.01	7.80	15.00	2RDR
alpha-Chlordane	5.5e-002	5.e-002	2519200.0	0.01	10.00	15.00	2RDR
gamma-Chlordane	5.54e-002	5.e-002	2687300.0	0.01	10.80	15.00	2RDR
Endrin Ketone	4.77e-002	5.e-002	965600.00	0.01	-4.60	15.00	2RDR
Tetrachloro-m-Xylene	5.73e-002	5.e-002	2254700.0	0.01	14.60	15.00	2RDR
Decachlorobiphenyl	5.52e-002	5.e-002	1746200.0	0.01	10.40	15.00	2RDR

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 0743

Lab File ID: 8UJ2161 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF5e-002 or AMOUNT	CCAL RRF5e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	4.99e-002	5.e-002	2847300.0	0.01	-0.20	15.00	2RDR	
gamma BHC	4.98e-002	5.e-002	2643700.0	0.01	-0.40	15.00	2RDR	
Heptachlor	4.79e-002	5.e-002	2556300.0	0.01	-4.20	15.00	2RDR	
beta-BHC	5.08e-002	5.e-002	1292900.0	0.01	1.60	15.00	2RDR	
Aldrin	5.05e-002	5.e-002	2432500.0	0.01	1.00	15.00	2RDR	
delta-BHC	4.27e-002	5.e-002	1194700.0	0.01	-14.60	15.00	2RDR	
Heptachlor Epoxide	5.11e-002	5.e-002	2065200.0	0.01	2.20	15.00	2RDR	
Endosulfan I	5.15e-002	5.e-002	1753700.0	0.01	3.00	15.00	2RDR	
4,4'-DDE	5.02e-002	5.e-002	1814800.0	0.01	0.40	15.00	2RDR	
Dieldrin	4.92e-002	5.e-002	1626900.0	0.01	-1.60	15.00	2RDR	
Endrin	5.05e-002	5.e-002	1428000.0	0.01	1.00	15.00	2RDR	
4,4'-DDD	4.94e-002	5.e-002	1009200.0	0.01	-1.20	15.00	2RDR	
Endosulfan II	4.97e-002	5.e-002	1262100.0	0.01	-0.60	15.00	2RDR	
4,4'-DDT	4.82e-002	5.e-002	1086300.0	0.01	-3.60	15.00	2RDR	
Endrin Aldehyde	5.04e-002	5.e-002	989480.00	0.01	0.80	15.00	2RDR	
Endosulfan sulfate	4.12e-002	5.e-002	582160.00	0.01	-17.60	15.00	2RDR	<-
Methoxychlor	4.95e-002	5.e-002	763260.00	0.01	-1.00	15.00	2RDR	
alpha-Chlordane	4.99e-002	5.e-002	1798100.0	0.01	-0.20	15.00	2RDR	
gamma-Chlordane	5.14e-002	5.e-002	1950800.0	0.01	2.80	15.00	2RDR	
Endrin Ketone	4.29e-002	5.e-002	833900.00	0.01	-14.20	15.00	2RDR	
Tetrachloro-m-Xylene	5.18e-002	5.e-002	2094500.0	0.01	3.60	15.00	2RDR	
Decachlorobiphenyl	5.07e-002	5.e-002	1549100.0	0.01	1.40	15.00	2RDR	

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 1846

Lab File ID: 8UJ1185 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPI ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	3.15e-002	2.5e-002	3787500.0	0.01	26.00	15.00	2RDR	<-
gamma BHC	2.87e-002	2.5e-002	3378800.0	0.01	14.80	15.00	2RDR	
Heptachlor	2.77e-002	2.5e-002	3563700.0	0.01	10.80	15.00	2RDR	
beta-BHC	3.2e-002	2.5e-002	1723500.0	0.01	28.00	15.00	2RDR	<-
Aldrin	3.04e-002	2.5e-002	3491800.0	0.01	21.60	15.00	2RDR	<-
delta-BHC	2.38e-002	2.5e-002	1407100.0	0.01	-4.80	15.00	2RDR	
Heptachlor Epoxide	3.18e-002	2.5e-002	3280000.0	0.01	27.20	15.00	2RDR	<-
Endosulfan I	3.17e-002	2.5e-002	2877200.0	0.01	26.80	15.00	2RDR	<-
4,4'-DDE	2.78e-002	2.5e-002	2698900.0	0.01	11.20	15.00	2RDR	
Dieldrin	3.03e-002	2.5e-002	2773700.0	0.01	21.20	15.00	2RDR	<-
Endrin	2.91e-002	2.5e-002	2348600.0	0.01	16.40	15.00	2RDR	<-
4,4'-DDD	2.55e-002	2.5e-002	1435600.0	0.01	2.00	15.00	2RDR	
Endosulfan II	2.89e-002	2.5e-002	1979400.0	0.01	15.60	15.00	2RDR	<-
4,4'-DDT	2.57e-002	2.5e-002	1495900.0	0.01	2.80	15.00	2RDR	
Endrin Aldehyde	3.01e-002	2.5e-002	1414200.0	0.01	20.40	15.00	2RDR	<-
Endosulfan sulfate	1.1e-002	2.5e-002	323320.00	0.01	-56.00	15.00	2RDR	<-
Methoxychlor	2.53e-002	2.5e-002	746040.00	0.01	1.20	15.00	2RDR	
alpha-Chlordane	3.16e-002	2.5e-002	3009600.0	0.01	26.40	15.00	2RDR	<-
gamma-Chlordane	3.18e-002	2.5e-002	3182300.0	0.01	27.20	15.00	2RDR	<-
Endrin Ketone	2.63e-002	2.5e-002	1098000.0	0.01	5.20	15.00	2RDR	
Tetrachloro-m-Xylene	3.15e-002	2.5e-002	2576700.0	0.01	26.00	15.00	2RDR	<-
Decachlorobiphenyl	3.06e-002	2.5e-002	2057400.0	0.01	22.40	15.00	2RDR	<-

FORM VII PEST

FORM 7B
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: CTO351 NAS KEY WEST SDG No.: WU3256

Instrument ID: GC08 Calibration Date: 10/14/04 Time: 1846

Lab File ID: 8UJ2185 Init. Calib. Date(s): 09/21/04 10/13/04

Init. Calib. Times: 1434 1408

GC Column: RTX-CLPII ID: 0.53 (mm)

COMPOUND	RRF or AMOUNT	RRF3e-002 or AMOUNT	CCAL RRF3e-002	MIN RRF	%D or %DRIFT	MAX %D or %DRIFT	CURV TYPE	
alpha-BHC	2.47e-002	2.5e-002	2839600.0	0.01	-1.20	15.00	2RDR	
gamma BHC	2.65e-002	2.5e-002	2837200.0	0.01	6.00	15.00	2RDR	
Heptachlor	2.63e-002	2.5e-002	2876200.0	0.01	5.20	15.00	2RDR	
beta-BHC	2.88e-002	2.5e-002	1500600.0	0.01	15.20	15.00	2RDR	<-
Aldrin	2.7e-002	2.5e-002	2631700.0	0.01	8.00	15.00	2RDR	
delta-BHC	1.87e-002	2.5e-002	1014200.0	0.01	-25.20	15.00	2RDR	<-
Heptachlor Epoxide	2.72e-002	2.5e-002	2258000.0	0.01	8.80	15.00	2RDR	
Endosulfan I	2.74e-002	2.5e-002	1908800.0	0.01	9.60	15.00	2RDR	
4,4'-DDE	2.65e-002	2.5e-002	1948600.0	0.01	6.00	15.00	2RDR	
Dieldrin	2.59e-002	2.5e-002	1728600.0	0.01	3.60	15.00	2RDR	
Endrin	2.55e-002	2.5e-002	1445900.0	0.01	2.00	15.00	2RDR	
4,4'-DDD	2.46e-002	2.5e-002	989600.00	0.01	-1.60	15.00	2RDR	
Endosulfan II	2.64e-002	2.5e-002	1365700.0	0.01	5.60	15.00	2RDR	
4,4'-DDT	2.36e-002	2.5e-002	1053800.0	0.01	-5.60	15.00	2RDR	
Endrin Aldehyde	2.73e-002	2.5e-002	1102600.0	0.01	9.20	15.00	2RDR	
Endosulfan sulfate	9.66e-003	2.5e-002	279880.00	0.01	-61.36	15.00	2RDR	<-
Methoxychlor	2.49e-002	2.5e-002	788480.00	0.01	-0.40	15.00	2RDR	
alpha-Chlordane	2.69e-002	2.5e-002	1991600.0	0.01	7.60	15.00	2RDR	
gamma-Chlordane	2.73e-002	2.5e-002	2121800.0	0.01	9.20	15.00	2RDR	
Endrin Ketone	2.31e-002	2.5e-002	909320.00	0.01	-7.60	15.00	2RDR	
Tetrachloro-m-Xylene	2.78e-002	2.5e-002	2325200.0	0.01	11.20	15.00	2RDR	
Decachlorobiphenyl	2.7e-002	2.5e-002	1765300.0	0.01	8.00	15.00	2RDR	

FORM VII PEST

Tetra Tech NUS **INTERNAL CORRESPONDENCE**

TO:	**C. BRYAN**	**DATE:**	**NOVEMBER 5, 2004**
FROM:	**ERIN M. FAUST**	**COPIES:**	**DV FILE**

SUBJECT: **INORGANIC DATA VALIDATION – TAL METALS AND TIN**
CTO – 351 NAS KEY WEST
SAMPLE DELIVERY GROUP (SDG) – WU3256

SAMPLES: 15/Aqueous/

KWFCGS-DRUM01-0904
KWFCGS-EB01-0904
KWFCGS-FD01-0904
KWFCGS-MW06-0904
KWFCGS-MW08-0904
KWFCGS-MW10-0904
KWFCGS-MW12-0904
KWFCGS-MW22-0904
KWFCGS-DRUM02-0904
KWFCGS-FB01-0904
KWFCGS-MW05-0904
KWFCGS-MW07-0904
KWFCGS-MW09-0904
KWFCGS-MW11-0904
KWFCGS-MW19-0904

1/Leachate/

KWFCGS-DRUM-0904

Overview

The sample set for CTO 351, NAS Key West, SDG WU3256, consists of thirteen (13) aqueous environmental samples, one (1) equipment blank, KWFCGS-EB01-0904, one (1) aqueous field blank, KWFCGS-FB01-0904 and one (1) leachate sample. One (1) field duplicate pair (KWFCGS-FD01-0904 / KWFCGS-MW07-0904) is included within this SDG.

All samples were analyzed for target analyte list (TAL) metals and tin. Sample KWFCGS-DRUM-0904 is a soil sample that was extracted by the Toxicity Characteristic Leachate Procedure (TCLP) and analyzed for the previously mentioned metals. The samples were collected by TetraTech NUS on September 24 through 27, 2004 and analyzed by Katahdin Analytical Services under Naval Facilities Engineering Service Center (NFESC) Quality Assurance/Quality Control (QA/QC) criteria. Metals analyses, with the exception of mercury, were conducted using SW-846 method 6010B. Mercury analyses were conducted using SW-846 method 7470A.

These data were evaluated based on the following parameters:

* • Data Completeness
* • Holding Times
* • Calibration Recoveries
• Laboratory Blank Analyses
* • Field Duplicate Results
* • Detection Limits

* - All quality control criteria were met for this parameter.

Laboratory Blank Analyses

The following contaminants were detected in the laboratory method/preparation blanks at the following maximum concentrations:

Analyte	Maximum Concentration	Action Level
Aluminum	65.6 ug/L	328 ug/L
Aluminum[1]	0.09 mg/L	0.45 mg/L
Antimony	4.17 ug/L	20.85 ug/L
Barium	0.72 ug/L	3.6 ug/L
Beryllium	1.12 ug/L	5.6 ug/L
Calcium	28.78 ug/L	143.9 ug/L
Calcium[2]	29.15 ug/L	145.75 ug/L
Chromium[2]	2.0 ug/L	10.0 ug/L
Iron	27.14 ug/L	135.7 ug/L
Magnesium	43.82 ug/L	219.1 ug/L
Manganese[2]	0.27 ug/L	1.35 ug/L
Manganese[3]	0.17 ug/L	0.85 ug/L
Mercury	0.07 ug/L	0.35 ug/L
Mercury[2]	0.08 ug/L	0.40 ug/L
Nickel[2]	0.95 ug/L	4.75 ug/L
Potassium	278.56 ug/L	1392.8 ug/L
Silver	7.24 ug/L	36.2 ug/L
Sodium[2]	199.47 ug/L	997.35 ug/L
Sodium[3]	189.81 ug/L	949.05 ug/L
Tin	2.04 ug/L	10.2 ug/L
Tin[1]	0.006 mg/L	0.03 mg/L
Zinc	4.9 ug/L	24.5 ug/L

[1] Maximum concentration present in a laboratory extraction blank, affecting sample KWFCGS-DRUM-0904 only.
[2] Maximum concentration present in a laboratory preparation blank, affecting sample KWFCGS-DRUM-0904 only.
[3] Maximum concentration present in a laboratory preparation blank, affecting all samples except KWFCGS-DRUM-0904.

An action level of 5X the maximum concentration was used to evaluate the sample data for blank contamination. Sample aliquot and dilution factors, if applicable, were taken into consideration when evaluating for blank contamination. Positive results less than the blank action level reported for aluminum, antimony, barium, beryllium, iron, manganese, mercury, potassium, silver, tin and zinc were qualified "U" as a result of laboratory blank contamination.

Notes

Sample KWFCGS-DRUM-0904 was diluted 10X for calcium.

Executive Summary

Laboratory Performance: Several analytes were present in the laboratory method/preparation blanks.

Other Factors Affecting Data Quality: None.

The data for these analyses were reviewed with reference to the "National Functional Guidelines for Inorganic Review", July 2002 and the NFESC document entitled "Navy IRCDQM" (September 1999).

The text of this report has been formulated to address only those problem areas affecting data quality.

"I attest that the data referenced herein were validated according to the agreed upon validation criteria as specified in the NFESC Guidelines and the Quality Assurance Project Plan (QAPP)."

Erin M Faust

Tetra Tech NUS
Erin M. Faust
Environmental Scientist

Tetra Tech NUS
Joseph A. Samchuck
Quality Assurance Officer

Attachments:

1. Appendix A - Qualified Analytical Results
2. Appendix B - Results as reported by the Laboratory
3. Appendix C - Support Documentation

APPENDIX A
QUALIFIED ANALYTICAL RESULTS

Qualifier Codes:

A = Lab Blank Contamination
B = Field Blank Contamination
C = Calibration Noncompliance (i.e., % RSDs, %Ds, ICVs, CCVs, RRFs, etc.)
C01 = GC/MS Tuning Noncompliance
D = MS/MSD Recovery Noncompliance
E = LCS/LCSD Recovery Noncompliance
F = Lab Duplicate Imprecision
G = Field Duplicate Imprecision
H = Holding Time Exceedance
I = ICP Serial Dilution Noncompliance
J = GFAA PDS - GFAA MSA's $r < 0.995$
K = ICP Interference - includes ICS % R Noncompliance
L = Instrument Calibration Range Exceedance
M = Sample Preservation Noncompliance
N = Internal Standard Noncompliance
N01 = Internal Standard Recovery Noncompliance Dioxins
N02 = Recovery Standard Noncompliance Dioxins
N03 = Clean-up Standard Noncompliance Dioxins
O = Poor Instrument Performance (i.e., base-time drifting)
P = Uncertainty near detection limit (< 2 x IDL for inorganics and <CRQL for organics)
Q = Other problems (can encompass a number of issues; i.e.chromatography,interferences, etc.)
R = Surrogates Recovery Noncompliance
S = Pesticide/PCB Resolution
T = % Breakdown Noncompliance for DDT and Endrin
U = % Difference between columns/detectors >25% for positive results determined via GC/HPLC
V = Non-linear calibrations; correlation coefficient $r < 0.995$
W = EMPC result
X = Signal to noise response drop
Y = Percent solids <30%
Z = Uncertainty at 2 sigma deviation is less than sample activity

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-DRUM01-0904	nsample	KWFCGS-DRUM02-0904	nsample	KWFCGS-EB01-0904
samp_date	9/27/2004	samp_date	9/27/2004	samp_date	9/27/2004
lab_id	WU3256-014	lab_id	WU3256-015	lab_id	WU3256-012
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	2.6	I	U	A
ARSENIC	3.03	U	U	
BARIUM	7.5			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	47000			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	1850			
LEAD	3.1	I		
MAGNESIUM	3030			
MANGANESE	43.6			
MERCURY	0.04	I	U	A
NICKEL	0.85	U	U	
POTASSIUM	3320			
SELENIUM	3.71	U	U	
SILVER	4.4	I	U	A
SODIUM	19900			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	13.5	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	3.0	I	U	A
ARSENIC	3.03	U	U	
BARIUM	12.5			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	98100			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	2630			
LEAD	2.1	I		
MAGNESIUM	8820			
MANGANESE	42.3			
MERCURY	0.04	I	U	A
NICKEL	2.9	I		
POTASSIUM	8260			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	26800			
THALLIUM	4.09	U	U	
TIN	2.0	I	U	A
VANADIUM	4.14	U	U	
ZINC	2.8	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	0.53	U	U	
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	34.8	I		
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	5.05	U	U	
LEAD	1.7	U	U	
MAGNESIUM	24.7	U	U	
MANGANESE	0.16	I		
MERCURY	0.05	I		
NICKEL	0.85	U	U	
POTASSIUM	238	U	U	
SELENIUM	3.71	U	U	
SILVER	5.3	I		
SODIUM	193	I		
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	1.44	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-FB01-0904	nsample	KWFCGS-FD01-0904	nsample	KWFCGS-MW05-0904
samp_date	9/27/2004	samp_date	9/26/2004	samp_date	9/24/2004
lab_id	WU3256-013	lab_id	WU3256-010	lab_id	WU3256-001
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:	KWFCGS-MW07-0904	DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	0.53	U	U	
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	21.4	U	U	
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	5.05	U	U	
LEAD	1.7	U	U	
MAGNESIUM	24.7	U	U	
MANGANESE	0.13	U	U	
MERCURY	0.04	I		
NICKEL	0.85	U	U	
POTASSIUM	238	U	U	
SELENIUM	3.71	U	U	
SILVER	4.1	I		
SODIUM	186	I		
THALLIUM	4.09	U	U	
TIN	2.5	I		
VANADIUM	4.14	U	U	
ZINC	1.44	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	358			
ANTIMONY	2.8	I	U	A
ARSENIC	3.4	I		
BARIUM	6.9			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	99800			
CHROMIUM	1.4	I		
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	42.1	I	U	A
LEAD	20.5			
MAGNESIUM	8620			
MANGANESE	1.1	I		
MERCURY	0.06	I	U	A
NICKEL	2.4	I		
POTASSIUM	4210			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	15900			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	3.0	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	26.2	I	U	A
ANTIMONY	3.1	I	U	A
ARSENIC	4.6	I		
BARIUM	30.8			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	98400			
CHROMIUM	1.3	I		
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	173			
LEAD	1.7	U	U	
MAGNESIUM	10600			
MANGANESE	0.39	I	U	A
MERCURY	0.02	I	U	A
NICKEL	2.6	I		
POTASSIUM	3000			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	37600			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.2	I	U	A

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW06-0904	nsample	KWFCGS-MW07-0904	nsample	KWFCGS-MW08-0904
samp_date	9/25/2004	samp_date	9/26/2004	samp_date	9/27/2004
lab_id	WU3256-007	lab_id	WU3256-009	lab_id	WU3256-011
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	2.34	U	U	
ARSENIC	6.5	I		
BARIUM	6.4			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	66900			
CHROMIUM	0.94	I		
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	152			
LEAD	1.7	U	U	
MAGNESIUM	14600			
MANGANESE	24.7			
MERCURY	0.04	I	U	A
NICKEL	0.85	U	U	
POTASSIUM	25600			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	62800			
THALLIUM	4.09	U	U	
TIN	2.6	I	U	A
VANADIUM	4.14	U	U	
ZINC	1.44	U	U	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	309		U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.2	I		
BARIUM	6.8			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	97800			
CHROMIUM	1.3	I		
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	42.1	I	U	A
LEAD	20.4			
MAGNESIUM	8610			
MANGANESE	1.1	I		
MERCURY	0.05	I	U	A
NICKEL	2.6	I		
POTASSIUM	3940			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	15500			
THALLIUM	4.09	U	U	
TIN	2.1	I	U	A
VANADIUM	4.14	U	U	
ZINC	3.6	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	23.1	I	U	A
ANTIMONY	3.0	I	U	A
ARSENIC	8.7			
BARIUM	7.9			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	137000			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	106		U	A
LEAD	18.9			
MAGNESIUM	9160			
MANGANESE	2.7	I		
MERCURY	0.04	I	U	A
NICKEL	0.85	U	U	
POTASSIUM	2970			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	12400			
THALLIUM	4.09	U	U	
TIN	3.0	I	U	A
VANADIUM	4.14	U	U	
ZINC	1.9	I	U	A

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW09-0904	nsample	KWFCGS-MW10-0904	nsample	KWFCGS-MW11-0904
samp_date	9/24/2004	samp_date	9/24/2004	samp_date	9/25/2004
lab_id	WU3256-003	lab_id	WU3256-002	lab_id	WU3256-005
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	88.2	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	3.5	I	U	A
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	60000			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	10.0	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	1140			
MANGANESE	0.49	I	U	A
MERCURY	0.01	U	U	
NICKEL	0.85	U	U	
POTASSIUM	2390			
SELENIUM	3.71	U	U	
SILVER	3.1	I	U	A
SODIUM	11000			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	1.6	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	88.1	I	U	A
ANTIMONY	3.2	I	U	A
ARSENIC	3.03	U	U	
BARIUM	5.6			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	64900			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	9.7	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	1550			
MANGANESE	1.6	I		
MERCURY	0.01	U	U	
NICKEL	0.85	U	U	
POTASSIUM	2200			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	11500			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.4	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	362			
ANTIMONY	2.8	I	U	A
ARSENIC	3.03	U	U	
BARIUM	4.7	I		
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	71300			
CHROMIUM	3.4	I		
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	5.05	U	U	
LEAD	1.7	U	U	
MAGNESIUM	1160			
MANGANESE	0.40	I	U	A
MERCURY	0.02	I	U	A
NICKEL	0.85	U	U	
POTASSIUM	6450			
SELENIUM	3.71	U	U	
SILVER	4.0	I	U	A
SODIUM	10100			
THALLIUM	4.09	U	U	
TIN	2.9	I	U	A
VANADIUM	4.14	U	U	
ZINC	1.44	U	U	

PROJ_NO: 2943

SDG: WU3256 MEDIA: WATER DATA FRACTION: M

nsample	KWFCGS-MW12-0904	nsample	KWFCGS-MW19-0904	nsample	KWFCGS-MW22-0904
samp_date	9/25/2004	samp_date	9/25/2004	samp_date	9/24/2004
lab_id	WU3256-008	lab_id	WU3256-006	lab_id	WU3256-004
qc_type	NM	qc_type	NM	qc_type	NM
units	UG/L	units	UG/L	units	UG/L
Pct_Solids		Pct_Solids		Pct_Solids	
DUP_OF:		DUP_OF:		DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	37.5	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	9.0			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	172000			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	5.05	U	U	
LEAD	1.7	U	U	
MAGNESIUM	11600			
MANGANESE	0.63	I	U	A
MERCURY	0.05	I	U	A
NICKEL	3.9	I		
POTASSIUM	7640			
SELENIUM	5.4	I		
SILVER	3.1	I	U	A
SODIUM	31200			
THALLIUM	4.09	U	U	
TIN	3.0	I	U	A
VANADIUM	4.3	I		
ZINC	1.5	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	17.9	U	U	
ANTIMONY	3.1	I	U	A
ARSENIC	3.03	U	U	
BARIUM	6.7			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	56800			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	33.4	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	3190			
MANGANESE	2.4	I		
MERCURY	0.02	I	U	A
NICKEL	0.85	U	U	
POTASSIUM	1310		U	A
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	10700			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	2.8	I	U	A

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	18.6	I	U	A
ANTIMONY	2.34	U	U	
ARSENIC	3.03	U	U	
BARIUM	6.6			
BERYLLIUM	0.27	U	U	
CADMIUM	3.97	U	U	
CALCIUM	93400			
CHROMIUM	0.80	U	U	
COBALT	0.64	U	U	
COPPER	1.91	U	U	
IRON	42.5	I	U	A
LEAD	29.3			
MAGNESIUM	4540			
MANGANESE	2.2	I		
MERCURY	0.01	U	U	
NICKEL	0.85	U	U	
POTASSIUM	4150			
SELENIUM	3.71	U	U	
SILVER	2.84	U	U	
SODIUM	16300			
THALLIUM	4.09	U	U	
TIN	1.79	U	U	
VANADIUM	4.14	U	U	
ZINC	1.6	I	U	A

PROJ_NO: 2943

SDG: WU3256 MEDIA: TCLP DATA FRACTION: M

nsample	KWFCGS-DRUM-0904
samp_date	9/26/2004
lab_id	WU3256-016T
qc_type	NM
units	UG/L
Pct_Solids	
DUP_OF:	

Parameter	Result	Lab Qual	Val Qual	Qual Code
ALUMINUM	87.3	I	U	A
ANTIMONY	2.6	I	U	A
ARSENIC	3.03	U	U	
BARIUM	197			
BERYLLIUM	1.1	I	U	A
CADMIUM	3.97	U	U	
CALCIUM	2120000			
CHROMIUM	10.9	I		
COBALT	1.1	I		
COPPER	11.4	I		
IRON	25.4	I	U	A
LEAD	1.7	U	U	
MAGNESIUM	9490			
MANGANESE	37.4			
MERCURY	0.08	I	U	A
NICKEL	17.9	I		
POTASSIUM	517	I	U	A
SELENIUM	6.3	I		
SILVER	2.84	U	U	
SODIUM	7900			
THALLIUM	4.09	U	U	
TIN	7.7	I	U	A
VANADIUM	4.14	U	U	
ZINC	200			

APPENDIX B
RESULTS AS REPORTED BY THE LABORATORY

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-DRUM01-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-014

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.6	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	7.5			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	47000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	1850			P	1	100	5.05
7439-92-1	LEAD, TOTAL	3.1	I		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	3030			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	43.6			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	3320			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	4.4	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	19900			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	13.5	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-DRUM02-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-015

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	3.0	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	12.5			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	98100			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	2630			P	1	100	5.05
7439-92-1	LEAD, TOTAL	2.1	I		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	8820			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	42.3			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	2.9	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	8260			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	26800			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	2.0	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.8	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-EB01-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-012

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	0.53	U		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	34.8	I		P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	5.05	U		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	24.70	U		P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.16	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.05	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	238.00	U		P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	5.3	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	193	I		P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.44	U		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-FB01-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-013

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	0.53	U		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	21.40	U		P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	5.05	U		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	24.70	U		P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.13	U		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	238.00	U		P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	4.1	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	186	I		P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	2.5	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.44	U		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-FD01-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-010

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	358			P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.8	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.4	I		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.9			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	99800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.4	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	42.1	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	20.5			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	8620			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	1.1	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.06	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	2.4	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	4210			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	15900			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	3.0	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW05-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-001

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	26.2	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	3.1	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	4.6	I		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	30.8			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	98400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.3	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	173			P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	10600			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.39	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.02	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	2.6	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	3000			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	37600			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.2	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW06-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-007

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	6.5	I		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.4			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	66900			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.94	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	152			P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	14600			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	24.7			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	25600			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	62800			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	2.6	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.44	U		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW07-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-009

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	309			P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.2	I		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.8			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	97800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	1.3	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	42.1	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	20.4			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	8610			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	1.1	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.05	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	2.6	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	3940			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	15500			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	2.1	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	3.6	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW08-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-011

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	23.1	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	3.0	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	8.7			P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	7.9			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	137000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	106			P	1	100	5.05
7439-92-1	LEAD, TOTAL	18.9			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	9160			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	2.7	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.04	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	2970			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	12400			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	3.0	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.9	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW09-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-003

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	88.2	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	3.5	I		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	60000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	10.0	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1140			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.49	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	2390			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	3.1	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	11000			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.6	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW10-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-002

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	88.1	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	3.2	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	5.6			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	64900			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	9.7	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1550			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	1.6	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	2200			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	11500			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.4	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW11-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-005

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	362			P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.8	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	4.7	I		P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	71300			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	3.4	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	5.05	U		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	1160			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.40	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.02	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	6450			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	4.0	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	10100			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	2.9	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.44	U		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW12-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-008

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	37.5	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	9.0			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	172000			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	5.05	U		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	11600			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	0.63	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.05	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	3.9	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	7640			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	5.4	I		P	1	10	3.71
7440-22-4	SILVER, TOTAL	3.1	I		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	31200			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	3.0	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.3	I		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.5	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW19-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-006

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	17.90	U		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	3.1	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.7			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	56800			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	33.4	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	3190			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	2.4	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.02	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	1310			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	10700			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	2.8	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-MW22-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-004

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	18.6	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.34	U		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	6.6			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	0.27	U		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	93400			P	1	50	21.40
7440-47-3	CHROMIUM, TOTAL	0.80	U		P	1	15	0.80
7440-48-4	COBALT, TOTAL	0.64	U		P	1	30	0.64
7440-50-8	COPPER, TOTAL	1.91	U		P	1	25	1.91
7439-89-6	IRON, TOTAL	42.5	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	29.3			P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	4540			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	2.2	I		P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.01	U		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	0.85	U		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	4150			P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	3.71	U		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	16300			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	1.79	U		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	1.6	I		P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** KWFCGS-DRUM-0904

Matrix: WATER **SDG Name:** WU3256

Percent Solids: 0.00 **Lab Sample ID:** WU3256-016T

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF	Adjusted PQL	Adjusted IDL
7429-90-5	ALUMINUM, TOTAL	87.3	I		P	1	300	17.90
7440-36-0	ANTIMONY, TOTAL	2.6	I		P	1	8.0	2.34
7440-38-2	ARSENIC, TOTAL	3.03	U		P	1	8.0	3.03
7440-39-3	BARIUM, TOTAL	197			P	1	5.0	0.53
7440-41-7	BERYLLIUM, TOTAL	1.1	I		P	1	5.0	0.27
7440-43-9	CADMIUM, TOTAL	3.97	U		P	1	10	3.97
7440-70-2	CALCIUM, TOTAL	2120000			P	10	500	214.00
7440-47-3	CHROMIUM, TOTAL	10.9	I		P	1	15	0.80
7440-48-4	COBALT, TOTAL	1.1	I		P	1	30	0.64
7440-50-8	COPPER, TOTAL	11.4	I		P	1	25	1.91
7439-89-6	IRON, TOTAL	25.4	I		P	1	100	5.05
7439-92-1	LEAD, TOTAL	1.70	U		P	1	5.0	1.70
7439-95-4	MAGNESIUM, TOTAL	9490			P	1	50	24.70
7439-96-5	MANGANESE, TOTAL	37.4			P	1	5.0	0.13
7439-97-6	MERCURY, TOTAL	0.08	I		CV	1	0.20	0.01
7440-02-0	NICKEL, TOTAL	17.9	I		P	1	40	0.85
7440-09-7	POTASSIUM, TOTAL	517	I		P	1	1000	238.00
7782-49-2	SELENIUM, TOTAL	6.3	I		P	1	10	3.71
7440-22-4	SILVER, TOTAL	2.84	U		P	1	15	2.84
7440-23-5	SODIUM, TOTAL	7900			P	1	1000	19.10
7440-28-0	THALLIUM, TOTAL	4.09	U		P	1	15	4.09
7440-31-5	TIN, TOTAL	7.7	I		P	1	100	1.79
7440-62-2	VANADIUM, TOTAL	4.14	U		P	1	25	4.14
7440-66-6	ZINC, TOTAL	200			P	1	25	1.44

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

APPENDIX C
SUPPORT DOCUMENTATION

WU32541

TETRA TECH NUS, INC. — **CHAIN OF CUSTODY** — **NUMBER** 3839 — **PAGE** 1 **OF** 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO 351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN ANDREA COLBY
SAMPLERS (SIGNATURE)		**FIELD OPERATIONS LEADER**	**PHONE NUMBER**	**ADDRESS**
Gary Braganza		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		**CITY, STATE**
		FEDEX/8425 8908 8862		WESTBROOK ME

STANDARD TAT ☑
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)
PRESERVATIVE USED

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOC's	SVOC	Pesticides	PCB's	TM Metals + Tin	VOCs - TCLP	SVOCs - TCLP	Pest/PCB - TCLP	TM metals + Tin - TCLP	COMMENTS
9/24	9:45	KWFCGS-MW05-0904				GW	G	8	X	X	X	X	X					
	11:10	KWFCGS-MW10-0904						8	X	X	X	X	X					
	12:40	KWFCGS-MW09-0904						8	X	X	X	X	X					
	14:10	KWFCGS-MW22-0904						8	X	X	X	X	X					
9/25	8:35	KWFCGS-MW11-0904						8	X	X	X	X	X					
	11:10	KWFCGS-MW19-0904						8	X	X	X	X	X					
	9:55	KWFCGS-MW06-0904						24	X	X	X	X	X					MS/MSD
	14:00	KWFCGS-MW12-0904						8	X	X	X	X	X					
9/26	11:05	KWFCGS-MW07-0904						8	X	X	X	X	X					
		KWFCGS-FD01-0904						8	X	X	X	X	X					
	15:00	KWFCGS-DRUM-0904				SO	C	6						X	X	X	X	
9/27	9:00	KWFCGS-MW08-0904				GW	G	8	X	X	X	X	X					
	11:00	KWFCGS-EB01-0904						8	X	X	X	X	X					

1. RELINQUISHED BY: Gary Braganza	DATE 9/27/04	TIME	1. RECEIVED BY: Guy Bussells	DATE 9-28-04	TIME 0900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TtNUS-001

0000016

TETRA TECH NUS, INC. CHAIN OF CUSTODY | NUMBER 3866 | PAGE 1 OF 1

PROJECT NO:	FACILITY:	PROJECT MANAGER	PHONE NUMBER	LABORATORY NAME AND CONTACT:
CTO-351	NAS KEY WEST	CHUCK BRYAN	(305) 360-1548	KATAHDIN - ANDREA COLBY
SAMPLERS (SIGNATURE)		FIELD OPERATIONS LEADER	PHONE NUMBER	ADDRESS
Gary Bragança		GARY BRAGANZA	(561) 302-4137	340 COUNTY RD NO. 5
		CARRIER/WAYBILL NUMBER		CITY, STATE
		FEDEX / 842589088862		WESTBROOK ME

STANDARD TAT ☐
RUSH TAT ☐
☐ 24 hr. ☐ 48 hr. ☐ 72 hr. ☐ 7 day ☐ 14 day

CONTAINER TYPE PLASTIC (P) or GLASS (G)

PRESERVATIVE USED

TYPE OF ANALYSIS

DATE YEAR 2004	TIME	SAMPLE ID	LOCATION ID	TOP DEPTH (FT)	BOTTOM DEPTH (FT)	MATRIX (GW, SO, SW, SD, QC, ETC.)	COLLECTION METHOD GRAB (G) COMP (C)	No. OF CONTAINERS	VOC	SVOC	PESTICIDES	PCBs	TAL METAL + TIN				COMMENTS
9/27	11:30	KWFCGS-FB01-0904						8	X	X	X	X	X				
↓	12:00	KWFCGS-DRUM01-0904						8	X	X	X	X	X				
↓	12:30	KWFCGS-DRUM02-0904						8	X	X	X	X	X				

1. RELINQUISHED BY Gary Bragança	DATE 9/27/04	TIME	1. RECEIVED BY [signature]	DATE 9/28/04	TIME 0900
2. RELINQUISHED BY	DATE	TIME	2. RECEIVED BY	DATE	TIME
3. RELINQUISHED BY	DATE	TIME	3. RECEIVED BY	DATE	TIME

COMMENTS

DISTRIBUTION: WHITE (ACCOMPANIES SAMPLE) YELLOW (FIELD COPY) PINK (FILE COPY)

4/02R
FORM NO. TINUS-001

HOLDTIME

SDG WU3256

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/06/2004	10/06/2004	11	0	11
HG	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/04/2004	10/05/2004	9	1	10
HG	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/04/2004	10/05/2004	10	1	11
HG	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
HG	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/06/2004	10/06/2004	9	0	9
HG	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/15/2004	10/15/2004	19	0	19

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
HG	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/06/2004	10/06/2004	10	0	10
M	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-MW09-0904	WU3256-003	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
M	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-MW08-0904	WU3256-011	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
M	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/11/2004	10/15/2004	15	4	19
M	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW07-0904	WU3256-009	NM	09/26/2004	10/11/2004	10/18/2004	15	7	22
M	UG/L	KWFCGS-MW10-0904	WU3256-002	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/11/2004	10/19/2004	17	8	25
M	UG/L	KWFCGS-MW12-0904	WU3256-008	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-MW19-0904	WU3256-006	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW11-0904	WU3256-005	NM	09/25/2004	10/11/2004	10/18/2004	16	7	23
M	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21

SORT	UNITS	NSAMPLE	LAB_ID	QC_TYPE	SAMP_DATE	EXTR_DATE	ANAL_DATE	SMP_EXTR	EXTR_ANL	SMP_ANL
M	UG/L	KWFCGS-MW06-0904	WU3256-007	NM	09/25/2004	10/11/2004	10/15/2004	16	4	20
M	UG/L	KWFCGS-MW22-0904	WU3256-004	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-DRUM01-0904	WU3256-014	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/07/2004	10	1	11
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/15/2004	10	9	19
M	UG/L	KWFCGS-DRUM-0904	WU3256-016T	NM	09/26/2004	10/06/2004	10/18/2004	10	12	22
M	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/11/2004	10/18/2004	15	7	22
M	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-FB01-0904	WU3256-013	NM	09/27/2004	10/11/2004	10/18/2004	14	7	21
M	UG/L	KWFCGS-FD01-0904	WU3256-010	NM	09/26/2004	10/11/2004	10/15/2004	15	4	19
M	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/11/2004	10/18/2004	17	7	24
M	UG/L	KWFCGS-EB01-0904	WU3256-012	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-DRUM02-0904	WU3256-015	NM	09/27/2004	10/11/2004	10/15/2004	14	4	18
M	UG/L	KWFCGS-MW05-0904	WU3256-001	NM	09/24/2004	10/11/2004	10/15/2004	17	4	21
TS	%	KWFCGS-DRUM-0904	WU3256-16	NM	09/26/2004	10/25/2004	10/26/2004	29	1	30
OS	%	KWFCGS-MW08-0904	WU3256-11	NM	09/27/2004	10/04/2004	10/28/2004	7	24	31

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
TETRA TECH NUS
CASE CTO 351 NAS KEY WEST
TASK ORDER MANAGER: CHARLES BRYAN
WU3256

Sample Receipt

The following samples were received on September 28, 2004 and were logged in under Katahdin Analytical Services work order number WU3256 for a hardcopy due date of October 24, 2004.

KATAHDIN Sample No.	TTNUS Sample Identification
WU3256-1	KWFCGS-MW05-0904
WU3256-2	KWFCGS-MW10-0904
WU3256-3	KWFCGS-MW09-0904
WU3256-4	KWFCGS-MW22-0904
WU3256-5	KWFCGS-MW11-0904
WU3256-6	KWFCGS-MW19-0904
WU3256-7	KWFCGS-MW06-0904
WU3256-8	KWFCGS-MW12-0904
WU3256-9	KWFCGS-MW07-0904
WU3256-10	KWFCGS-FD01-0904
WU3256-11	KWFCGS-MW08-0904
WU3256-12	KWFCGS-EB01-0904
WU3256-13	KWFCGS-FB01-0904
WU3256-14	KWFCGS-DRUM01-0904
WU3256-15	KWFCGS-DRUM02-0904
WU3256-16	KWFCGS-DRUM-0904
WU3256-17	TRIP BLANK

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

The closing CV (files 8UJ1185 and 8UJ2185) had high responses for heptachlor epoxide and endrin on channel A, resulting in %Ds that were outside of the method acceptance limits of 15%. Since these analytes were within the acceptance limits on the confirmation channel, the associated samples were not reanalyzed.

8082 Analysis

The Form 7 for the CV's (files 6UJ1184, 6UJ2184, 6UJ1233, and 6UJ2233) are flagged for the surrogates TCX and/or DCB indicating that the %D is greater than the method acceptance limit of 15%. The %D's are actually correct and should not be flagged, but due to software limitations the flagging could not be removed.

There were no other protocol deviations or observations noted by the organic laboratory staff.

Metals Analysis

The samples of Katahdin Work Order WU3256 were prepared and analyzed for metals in accordance with the "Test Methods for Evaluating Aqueous Waste", SW-846, November 1986, Third Edition.

TCLP Extraction (EPA Method 1311)

Katahdin Sample No. WU3256-16 is a TCLP extract of a solid sample. The extraction dates, the extraction fluid used, and the associated TCLP fluid blank identification number for this sample are summarized in the following table.

Katahdin Sample Number	TCLP Extraction Start Date	Extraction Finish/Filter Date	TCLP Fluid Used	Associated TCLP Fluid Blank ID
WU3256-16	10/04/04	10/05/04	2	PBT623A

TCLP extracts are identified throughout the raw data and on sample preparation and analysis run logs by the suffix "T" appended to the Katahdin Sample Number, e.g. "WU3256-016T".

Inductively-Coupled Plasma Atomic Emission Spectroscopic Analysis (ICP)

Aqueous-matrix Katahdin Sample No. WU3256-16T was digested for ICP analysis on 10/06/04 (QC Batch UJ06ICW0) in accordance with USEPA Method 3010A.

Aqueous-matrix Katahdin Sample Nos. WU3256-(1-15) were digested for ICP analysis on 10/11/04 (QC Batch UJ11ICW1) in accordance with USEPA Method 3010A. Katahdin Sample No. WU3256-7 was prepared with duplicate matrix-spiked aliquots.

ICP analyses of Work Order WU3256 sample digestates were performed using a Thermo Jarrell Ash (TJA) Trace ICP spectrometer and a TJA 61E ICP spectrometer in accordance with USEPA Method 6010B. All samples were analyzed within holding times and all analytical run QC criteria were met, with the following comments or exceptions:

Some of the results for analytical run QC samples (ICV, ICB, CCV, CCB, ICSA, and ICSAB) included in the accompanying data package may have exceeded acceptance limits for some elements. Please note that all client samples and batch QC samples associated with out-of-control results for run QC samples were subsequently reanalyzed for the analytes in question.

The ICSAB analyzed at 12:22 in ICP analysis sequence AUJ07B, failed high for calcium. Data was accepted for analytes that are not subject to interference from calcium.

Analysis of Mercury by Cold Vapor Atomic Absorption (CVAA)

Aqueous-matrix Katahdin Sample Nos. WU3256-(1-7) were digested for mercury analysis on 10/04/04 (QC Batch UJ04HGW0) in accordance with USEPA Method 7470A. Katahdin Sample No. WU3256-7 was prepared with duplicate matrix-spiked aliquots.

Aqueous-matrix Katahdin Sample Nos. WU3256-(8-15) were digested for mercury analysis on 10/06/04 (QC Batch UJ06HGW0) in accordance with USEPA Method 7470A.

Aqueous-matrix Katahdin Sample No. WU3256-16T was digested for mercury analysis on 10/15/04 (QC Batch UJ15HGW0) in accordance with USEPA Method 7470A.

Mercury analyses of Katahdin Work Order WU3256 sample digestates were performed using a Cetac M6100 automated mercury analyzer. All samples were analyzed within holding times and all analytical run QC criteria were met.

Matrix QC Summary

The recoveries for all analytes in the matrix-spike aliquots of Katahdin Sample No. WU3256-7 are within the laboratory's acceptance limits (75% - 125% recovery of the added element, if the native concentration is less than four times the amount added).

The matrix-spike duplicate analysis of Katahdin Sample No. WU3256-7 is within the laboratory's acceptance limit (<20% relative difference between duplicate matrix-spiked aliquots) for all analytes.

The serial dilution analysis of Katahdin Sample No. WU3256-7 is within the laboratory's acceptance limit (<10% relative percent difference, if the concentration in the original sample is greater than 50 times the IDL) for all analytes.

Wet Chemistry Analysis

The samples of Work Order WU3256 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for total solids were performed according to U.S. EPA Contract Laboratory Program Statement of Work for Inorganic Analysis, SOW ILM04.0.

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limit (MDL). These levels are indicated in the result field of the analytical report. For hits that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL), a "J" flag has been used.

All analyses were performed within analytical hold time. All quality control criteria were met.

No deviations were noted by the Wet Chemistry group.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Deborah J. Nadeau 10-29-04

Deborah Nadeau
Laboratory Operations Manager

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Katahdin Analytical Services

SDG Name: WU3256 **SOW No.** SW846

Client Field ID	Lab Sample ID
KWFCGS-DRUM-0904	WU3256-016T
KWFCGS-DRUM01-0904	WU3256-014
KWFCGS-DRUM02-0904	WU3256-015
KWFCGS-EB01-0904	WU3256-012
KWFCGS-FB01-0904	WU3256-013
KWFCGS-FD01-0904	WU3256-010
KWFCGS-MW05-0904	WU3256-001
KWFCGS-MW06-0904	WU3256-007
KWFCGS-MW06-0904	WU3256-007P
KWFCGS-MW06-0904	WU3256-007S
KWFCGS-MW07-0904	WU3256-009
KWFCGS-MW08-0904	WU3256-011
KWFCGS-MW09-0904	WU3256-003
KWFCGS-MW10-0904	WU3256-002
KWFCGS-MW11-0904	WU3256-005
KWFCGS-MW12-0904	WU3256-008
KWFCGS-MW19-0904	WU3256-006
KWFCGS-MW22-0904	WU3256-004

Were ICP interelement corrections applied ?	Yes
Were ICP background corrections applied ?	Yes
If yes - were raw data generated before application of background corrections ?	No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: Edward A. Morgan Name: Edward A. Morgan

Date: October 27, 2004 Title: Senior Chemist

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: AUJ18A Oct 18, 2004 13:25

Analyte	Result	C
ALUMINUM	-58.47	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	17.41	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	-1.34	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB

File: AUJ18A Oct 18, 2004 14:05

Analyte	Result	C
ALUMINUM	26.60	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-6.25	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	-1.13	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB

File: AUJ18A Oct 18, 2004 15:01

Analyte	Result	C
ALUMINUM	53.69	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	3.13	U
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	16.11	I
MANGANESE	0.13	U
NICKEL	0.85	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	2.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 15:54

Analyte	Result	C
ALUMINUM	104.45	I
ANTIMONY	3.21	I
ARSENIC	3.03	U
CALCIUM	-19.80	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.69	I
MANGANESE	0.13	U
NICKEL	0.85	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 17:23

Analyte	Result	C
ALUMINUM	171.48	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-37.34	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	11.05	I
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	-0.21	I
NICKEL	-1.81	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 18:23

Analyte	Result	C
ALUMINUM	178.56	I
ANTIMONY	3.73	I
ARSENIC	3.03	U
CALCIUM	-41.56	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	-0.98	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 19:44

Analyte	Result	C
ALUMINUM	177.20	I
ANTIMONY	3.79	I
ARSENIC	3.03	U
CALCIUM	-35.02	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	9.40	I
MANGANESE	0.13	U
NICKEL	0.85	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 21:05

Analyte	Result	C
ALUMINUM	145.20	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-34.87	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	-0.97	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB
File: AUJ18A Oct 18, 2004 22:25

Analyte	Result	C
ALUMINUM	121.78	I
ANTIMONY	4.17	I
ARSENIC	3.03	U
CALCIUM	-33.46	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	0.85	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB

File: AUJ18A Oct 18, 2004 23:45

Analyte	Result	C
ALUMINUM	71.41	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-20.25	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.69	I
MANGANESE	0.13	U
NICKEL	-0.86	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB

File: AUJ18A Oct 19, 2004 1:06

Analyte	Result	C
ALUMINUM	18.30	U
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	-3.98	I
CHROMIUM	0.80	U
COBALT	-0.66	I
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	-0.15	I
NICKEL	-1.22	I
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

SAMPLE: CCB

File: AUJ18A Oct 19, 2004 2:27

Analyte	Result	C
ALUMINUM	-93.00	I
ANTIMONY	2.34	U
ARSENIC	3.03	U
CALCIUM	23.32	I
CHROMIUM	0.80	U
COBALT	0.64	U
IRON	10.70	U
LEAD	1.70	U
MAGNESIUM	7.52	U
MANGANESE	0.13	U
NICKEL	0.85	U
SELENIUM	3.71	U
THALLIUM	4.09	U
TIN	1.79	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: BUJ07A Oct 07, 2004 12:40

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.76	I
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 13:14

Analyte	Result	C
ALUMINUM	25.23	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~33.84~~	~~I~~
COPPER	1.91	U
IRON	9.61	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ07A Oct 07, 2004 14:24

Analyte	Result	C
ALUMINUM	28.51	I
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
~~CALCIUM~~	~~35.26~~	~~I~~
COPPER	1.91	U
IRON	11.76	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 15:32

Analyte	Result	C
ALUMINUM	61.55	I
BARIUM	0.53	U
BERYLLIUM	0.40	I
CADMIUM	3.97	U
CALCIUM	47.24	I
COPPER	1.91	U
IRON	20.16	I
MAGNESIUM	28.39	I
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 16:39

Analyte	Result	C
ALUMINUM	65.60	I
BARIUM	0.53	U
BERYLLIUM	0.45	I
CADMIUM	3.97	U
CALCIUM	65.74	
COPPER	1.91	U
IRON	27.14	I
MAGNESIUM	43.82	I
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	2.02	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 17:47

Analyte	Result	C
ALUMINUM	34.60	I
BARIUM	0.53	U
BERYLLIUM	0.97	I
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	7.74	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	45.27	I
VANADIUM	4.14	U
ZINC	3.72	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 18:55

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.61	I
BERYLLIUM	0.64	I
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	-1.91	I
IRON	8.63	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	6.09	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.87	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 20:02

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.85	I
CADMIUM	3.97	U
~~CALCIUM~~	~~22.65~~	~~I~~
COPPER	1.91	U
IRON	12.51	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	5.68	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	3.63	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 21:10

Analyte	Result	C
ALUMINUM	27.16	I
BARIUM	0.72	I
BERYLLIUM	0.98	I
CADMIUM	3.97	U
~~CALCIUM~~	~~264.47~~	
COPPER	1.91	U
IRON	16.21	I
MAGNESIUM	24.70	U
POTASSIUM	278.56	I
SILVER	7.24	I
SODIUM	27.20	I
VANADIUM	4.14	U
ZINC	3.49	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 22:18

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.69	I
CADMIUM	3.97	U
CALCIUM	216.58	
COPPER	-2.41	I
IRON	9.10	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	61.49	I
VANADIUM	4.14	U
ZINC	4.33	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 23:14

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	I
BERYLLIUM	0.99	I
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	9.88	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	6.65	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	4.90	I

SAMPLE: CCB
File: BUJ07A Oct 07, 2004 23:43

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	1.12	I
CADMIUM	3.97	U
~~CALCIUM~~	~~21.40~~	~~U~~
COPPER	1.91	U
IRON	16.80	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.87	I
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	3.75	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: BUJ15A Oct 15, 2004 13:50

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ15A Oct 15, 2004 14:25

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.36	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	27.58	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ15A Oct 15, 2004 15:33

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
POTASSIUM	-303.91	I
SILVER	4.87	I
SODIUM	20.90	I
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB

File: BUJ15A Oct 15, 2004 16:41

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	7.40	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ15A Oct 15, 2004 17:48

Analyte	Result	C
ALUMINUM	19.44	I
BARIUM	0.53	U
BERYLLIUM	0.38	I
CADMIUM	3.97	U
CALCIUM	28.78	I
COPPER	1.91	U
IRON	12.20	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	3.89	I
SODIUM	28.26	I
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: BUJ19A Oct 19, 2004 14:07

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	-34.67	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ19A Oct 19, 2004 14:42

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	8.16	I
MAGNESIUM	24.70	U
POTASSIUM	-241.14	I
SILVER	2.84	U
SODIUM	-28.32	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB

File: BUJ19A Oct 19, 2004 15:30

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.79	I
MAGNESIUM	24.70	U
POTASSIUM	251.65	I
SILVER	2.84	U
SODIUM	-23.42	I
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: CCB
File: BUJ19A Oct 19, 2004 16:48

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	6.30	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	-32.19	I
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB
File: BUJ19A Oct 19, 2004 17:21

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.35	I
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	8.51	I
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

SAMPLE: CCB
File: BUJ19A Oct 19, 2004 17:50

Analyte	Result	C
ALUMINUM	17.90	U
BARIUM	0.53	U
BERYLLIUM	0.27	U
CADMIUM	3.97	U
CALCIUM	21.40	U
COPPER	1.91	U
IRON	5.05	U
MAGNESIUM	24.70	U
POTASSIUM	238.00	U
SILVER	2.84	U
SODIUM	19.10	U
VANADIUM	4.14	U
ZINC	1.44	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: HUJ05A Oct 05, 2004 10:33

Analyte	Result	C
MERCURY	0.01	U

SAMPLE: CCB

File: HUJ05A Oct 05, 2004 10:59

Analyte	Result	C
MERCURY	0.01	U

SAMPLE: CCB

File: HUJ05A Oct 05, 2004 11:24

Analyte	Result	C
MERCURY	0.01	U

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: HUJ06B Oct 06, 2004 17:27

Analyte	Result	C
MERCURY	0.03	I

SAMPLE: CCB

File: HUJ06B Oct 06, 2004 17:52

Analyte	Result	C
MERCURY	0.03	I

SAMPLE: CCB

File: HUJ06B Oct 06, 2004 18:16

Analyte	Result	C
MERCURY	0.04	I

3A

INITIAL AND CONTINUING CALIBRATION BLANKS

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Concentration Units: ug/L

SAMPLE: ICB

File: HUJ15B Oct 15, 2004 16:18

Analyte	Result	C
MERCURY	0.07	I

SAMPLE: CCB

File: HUJ15B Oct 15, 2004 16:44

Analyte	Result	C
MERCURY	0.07	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUJ04HGW0

Matrix: WATER **SDG Name:** WU3256

QC Batch ID: UJ04HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	-0.012	I

Katahdin Analytical Services 4000080

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUJ06HGW0

Matrix: WATER **SDG Name:** WU3256

QC Batch ID: UJ06HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.038	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUJ06ICW0

Matrix: WATER **SDG Name:** WU3256

QC Batch ID: UJ06ICW0

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	25.340	I
ANTIMONY	2.340	U
ARSENIC	3.030	U
BARIUM	0.590	I
BERYLLIUM	0.270	U
CADMIUM	3.970	U
CALCIUM	29.150	I
CHROMIUM	2.000	I
COBALT	0.640	U
COPPER	1.910	U
IRON	21.480	I
LEAD	1.700	U
MAGNESIUM	24.700	U
MANGANESE	0.270	I
NICKEL	0.950	I
POTASSIUM	238.000	U
SELENIUM	3.710	U
SILVER	2.840	U
SODIUM	199.470	I
THALLIUM	4.090	U
TIN	1.790	U
VANADIUM	4.140	U
ZINC	3.180	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUJ11ICW1

Matrix: WATER **SDG Name:** WU3256

QC Batch ID: UJ11ICW1

Concentration Units : ug/L

Analyte	RESULT	C
ALUMINUM	17.900	U
ANTIMONY	2.470	I
ARSENIC	3.030	U
BARIUM	0.530	U
BERYLLIUM	0.270	U
CADMIUM	3.970	U
CALCIUM	21.400	U
CHROMIUM	0.800	U
COBALT	0.640	U
COPPER	1.910	U
IRON	7.960	I
LEAD	1.700	U
MAGNESIUM	24.700	U
MANGANESE	0.170	I
NICKEL	-1.010	I
POTASSIUM	238.000	U
SELENIUM	3.710	U
SILVER	3.710	I
SODIUM	189.810	I
THALLIUM	4.090	U
TIN	1.820	I
VANADIUM	4.140	U
ZINC	1.760	I

3P

PREPARATION BLANKS

Lab Name: Katahdin Analytical Services **Sample ID:** PBWUJ15HGW0

Matrix: WATER **SDG Name:** WU3256

QC Batch ID: UJ15HGW0

Concentration Units : ug/L

Analyte	RESULT	C
MERCURY	0.080	I

Katahdin
ANALYTICAL SERVICES

EXTRACTION FLUID BLANK REPORT

Sample ID: PBT623A

Element Name	Result	Units	Flag	PQL	File
ALUMINUM	0.09	mg/L	J	0.30	AUJ15A
ANTIMONY	0.002	mg/L	U	0.008	AUJ15A
ARSENIC	0.003	mg/L	U	0.008	AUJ15A
BARIUM	0.0002	mg/L	U	0.0050	AUJ15A
BERYLLIUM	0.0002	mg/L	U	0.0050	AUJ15A
CADMIUM	0.0003	mg/L	U	0.0100	AUJ15A
CALCIUM	0.003	mg/L	U	0.050	AUJ15A
CHROMIUM	0.0008	mg/L	U	0.0150	AUJ15A
COBALT	0.0006	mg/L	U	0.0300	AUJ15A
COPPER	0.0008	mg/L	U	0.0250	AUJ15A
IRON	0.01	mg/L	U	0.10	AUJ15A
LEAD	0.002	mg/L	U	0.005	AUJ15A
MAGNESIUM	0.008	mg/L	U	0.050	AUJ15A
MANGANESE	0.0001	mg/L	U	0.0050	AUJ15A
MERCURY	0.01	ug/L	U	0.20	HUJ25A
NICKEL	0.0008	mg/L	U	0.0400	AUJ15A
POTASSIUM	0.2	mg/L	U	2.0	BUJ17B
SELENIUM	0.004	mg/L	U	0.010	AUJ15A
SILVER	0.0007	mg/L	U	0.0150	AUJ15A
SODIUM	0.17	mg/L	J	1.00	BUJ17B
THALLIUM	0.004	mg/L	U	0.015	AUJ15A
TIN	0.006	mg/L	J	0.100	AUJ15A
VANADIUM	0.0007	mg/L	U	0.0250	AUJ15A
ZINC	0.0011	mg/L	J	0.0250	AUJ15A

U The analyte was not detected in the sample at a level greater than the instrument detection limit.

J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** A

Instrument Name: TJA TRACE ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ANTIMONY	8.0	2.34	P
ARSENIC	8.0	3.03	P
CHROMIUM	15	0.80	P
COBALT	30	0.64	P
LEAD	5.0	1.70	P
MANGANESE	5.0	0.13	P
NICKEL	40	0.85	P
SELENIUM	10	3.71	P
THALLIUM	15	4.09	P
TIN	100	1.79	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** B

Instrument Name: TJA 61 ICP **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
ALUMINUM	300	17.90	P
BARIUM	5.0	0.53	P
BERYLLIUM	5.0	0.27	P
CADMIUM	10	3.97	P
CALCIUM	50	21.40	P
COPPER	25	1.91	P
IRON	100	5.05	P
MAGNESIUM	50	24.70	P
POTASSIUM	1000	238.00	P
SILVER	15	2.84	P
SODIUM	1000	19.10	P
VANADIUM	25	4.14	P
ZINC	25	1.44	P

INSTRUMENT DETECTION LIMITS

Lab Name: Katahdin Analytical Services **Instrument Code:** H

Instrument Name: CETAC M6100 **Date:** 4/28/04

Concentration Units: ug/L

Analyte	CRDL	IDL	M
MERCURY	0.20	0.01	CV

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ04HGW0

Matrix: WATER **SDG Name:** WU3256

Method: CV **Prep Date:** 10/04/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUJ04HGW0	LCSWUJ04HGW0	0.025	0.025
PBWUJ04HGW0	PBWUJ04HGW0	0.025	0.025
KWFCGS-MW05-0904	WU3256-001	0.025	0.025
KWFCGS-MW10-0904	WU3256-002	0.025	0.025
KWFCGS-MW09-0904	WU3256-003	0.025	0.025
KWFCGS-MW22-0904	WU3256-004	0.025	0.025
KWFCGS-MW11-0904	WU3256-005	0.025	0.025
KWFCGS-MW19-0904	WU3256-006	0.025	0.025
KWFCGS-MW06-0904	WU3256-007	0.025	0.025
KWFCGS-MW06-0904P	WU3256-007P	0.025	0.025
KWFCGS-MW06-0904S	WU3256-007S	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ06HGW0

Matrix: WATER **SDG Name:** WU3256

Method: CV **Prep Date:** 10/06/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUJ06HGW0	LCSWUJ06HGW0	0.025	0.025
PBWUJ06HGW0	PBWUJ06HGW0	0.025	0.025
KWFCGS-MW12-0904	WU3256-008	0.025	0.025
KWFCGS-MW07-0904	WU3256-009	0.025	0.025
KWFCGS-FD01-0904	WU3256-010	0.025	0.025
KWFCGS-MW08-0904	WU3256-011	0.025	0.025
KWFCGS-EB01-0904	WU3256-012	0.025	0.025
KWFCGS-FB01-0904	WU3256-013	0.025	0.025
KWFCGS-DRUM01-0904	WU3256-014	0.025	0.025
KWFCGS-DRUM02-0904	WU3256-015	0.025	0.025

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ06ICW0

Matrix: WATER **SDG Name:** WU3256

Method: P **Prep Date:** 10/06/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUJ06ICW0	LCSWUJ06ICW0	0.05	0.05
PBWUJ06ICW0	PBWUJ06ICW0	0.05	0.05
KWFCGS-DRUM-0904	WU3256-016T	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ11ICW1

Matrix: WATER **SDG Name:** WU3256

Method: P **Prep Date:** 10/11/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUJ11ICW1	LCSWUJ11ICW1	0.05	0.05
PBWUJ11ICW1	PBWUJ11ICW1	0.05	0.05
KWFCGS-MW05-0904	WU3256-001	0.05	0.05
KWFCGS-MW10-0904	WU3256-002	0.05	0.05
KWFCGS-MW09-0904	WU3256-003	0.05	0.05
KWFCGS-MW22-0904	WU3256-004	0.05	0.05
KWFCGS-MW11-0904	WU3256-005	0.05	0.05
KWFCGS-MW19-0904	WU3256-006	0.05	0.05
KWFCGS-MW06-0904	WU3256-007	0.05	0.05
KWFCGS-MW06-0904P	WU3256-007P	0.05	0.05
KWFCGS-MW06-0904S	WU3256-007S	0.05	0.05
KWFCGS-MW12-0904	WU3256-008	0.05	0.05
KWFCGS-MW07-0904	WU3256-009	0.05	0.05
KWFCGS-FD01-0904	WU3256-010	0.05	0.05
KWFCGS-MW08-0904	WU3256-011	0.05	0.05
KWFCGS-EB01-0904	WU3256-012	0.05	0.05
KWFCGS-FB01-0904	WU3256-013	0.05	0.05
KWFCGS-DRUM01-0904	WU3256-014	0.05	0.05
KWFCGS-DRUM02-0904	WU3256-015	0.05	0.05

PREPARATION LOG

Lab Name: Katahdin Analytical Services **QC Batch ID:** UJ15HGW0

Matrix: WATER **SDG Name:** WU3256

Method: CV **Prep Date:** 10/15/2004

Client ID	Lab Sample ID	Initial (L)	Final (L)
LCSWUJ15HGW0	LCSWUJ15HGW0	0.025	0.025
PBWUJ15HGW0	PBWUJ15HGW0	0.025	0.025
KWFCGS-DRUM-0904	WU3256-016T	0.025	0.025

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA TRACE ICP **File Name:** AUJ18A

Date: 10/18/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements						
S0		1	12:34	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
S1		1	12:41	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
AL_IEC		1	12:51	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
FE_IEC		1	12:58	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
MN_IEC		1	13:04	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
IEC		1	13:11	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICV		1	13:18	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICB		1	13:25	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
PQL		1	13:32	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CRI		1	13:38	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSA		1	13:45	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSAB		1	13:52	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCV		1	13:58	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCB		1	14:05	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ZZZZZZ		1	14:12							
ZZZZZZ		1	14:19							
ZZZZZZ		2	14:25							
CRI		1	14:32	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSA		1	14:39	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSAB		1	14:46	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCV		1	14:52	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCB		1	15:01	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ZZZZZZ		1	15:07							
ZZZZZZ		1	15:14							
ZZZZZZ		1	15:21							
CRI		1	15:27	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSA		1	15:34	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ICSAB		1	15:41	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCV		1	15:47	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCB		1	15:54	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ZZZZZZ		10	16:01							
ZZZZZZ		1	16:08							
ZZZZZZ		1	16:14							
ZZZZZZ		20	16:21							
ZZZZZZ		20	16:28							
ZZZZZZ		1	16:43							
ZZZZZZ		1	16:49							
ZZZZZZ		1	16:56							
ZZZZZZ		1	17:03							
ZZZZZZ		1	17:09							
CCV		1	17:16	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
CCB		1	17:23	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	
ZZZZZZ		1	17:30							
ZZZZZZ		1	17:36							
ZZZZZZ		1	17:43							
ZZZZZZ		1	17:50							
ZZZZZZ		1	17:57							
ZZZZZZ		1	18:03							
ZZZZZZ		1	18:10							
CCV		1	18:17	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn	

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA TRACE ICP **File Name:** AUJ18A

Date: 10/18/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
CCB		1	18:23	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
ZZZZZZ		1	18:30														
ZZZZZZ		1	18:37														
ZZZZZZ		1	18:44														
ZZZZZZ		1	18:50														
ZZZZZZ		1	18:57														
ZZZZZZ		1	19:04														
ZZZZZZ		1	19:10														
ZZZZZZ		1	19:17														
ZZZZZZ		1	19:24														
ZZZZZZ		1	19:31														
CCV		1	19:37	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
CCB		1	19:44	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
ZZZZZZ		1	19:51														
ZZZZZZ		1	19:57														
ZZZZZZ		1	20:04														
WU3256-016T	KWFCGS-DRUM-0904T	1	20:11		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
PBWUJ11ICW1		1	20:18		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
LCSWUJ11ICW1		1	20:24		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-001	KWFCGS-MW05-0904	1	20:31		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-002	KWFCGS-MW10-0904	1	20:38		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-003	KWFCGS-MW09-0904	1	20:45		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-004	KWFCGS-MW22-0904	1	20:51		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
CCV		1	20:58	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
CCB		1	21:05	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
WU3256-005	KWFCGS-MW11-0904	1	21:11		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-006	KWFCGS-MW19-0904	1	21:18		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-007	KWFCGS-MW06-0904	1	21:25		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-007L	KWFCGS-MW06-0904L	5	21:32		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-007S	KWFCGS-MW06-0904S	1	21:38		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-007P	KWFCGS-MW06-0904P	1	21:45		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-008	KWFCGS-MW12-0904	1	21:52		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
CRI		1	21:58	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
ICSA		1	22:05	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
ICSAB		1	22:12	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
CCV		1	22:18	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
CCB		1	22:25	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
WU3256-009	KWFCGS-MW07-0904	1	22:32		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-010	KWFCGS-FD01-0904	1	22:38		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-011	KWFCGS-MW08-0904	1	22:45		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-012	KWFCGS-EB01-0904	1	22:52		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-013	KWFCGS-FB01-0904	1	22:59		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-014	KWFCGS-DRUM01-0904	1	23:05		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
WU3256-015	KWFCGS-DRUM02-0904	1	23:12		Sb	As		Cr	Co		Pb		Mn	Ni	Se	Tl	Sn
ZZZZZZ		1	23:19														
ZZZZZZ		1	23:25														
ZZZZZZ		1	23:32														
CCV		1	23:39	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
CCB		1	23:45	Al	Sb	As	Ca	Cr	Co	Fe	Pb	Mg	Mn	Ni	Se	Tl	Sn
ZZZZZZ		1	23:52														
ZZZZZZ		1	23:59														

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA TRACE ICP **File Name:** AUJ18A

Date: 10/19/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements							
ZZZZZZ		5	0:06								
ZZZZZZ		1	0:12								
ZZZZZZ		1	0:19								
ZZZZZZ		1	0:26								
ZZZZZZ		1	0:32								
ZZZZZZ		1	0:39								
ZZZZZZ		1	0:46								
ZZZZZZ		1	0:53								
CCV		1	0:59	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
CCB		1	1:06	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
ZZZZZZ		1	1:13								
ZZZZZZ		5	1:19								
ZZZZZZ		1	1:26								
ZZZZZZ		1	1:33								
ZZZZZZ		1	1:40								
ZZZZZZ		1	1:46								
ZZZZZZ		1	1:53								
CRI		1	2:00	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
ICSA		1	2:06	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
ICSAB		1	2:13	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
CCV		1	2:20	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		
CCB		1	2:27	Al Sb As	Ca Cr Co	Fe Pb Mg Mn	Ni	Se	Tl Sn		

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
S0		1	12:07	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
S1		1	12:12	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
AL_IEC		1	12:18	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
FE_IEC		1	12:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICV		1	12:34	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICB		1	12:40	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
PQL		1	12:46	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CRI		1	12:51	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSA		1	12:57	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSAB		1	13:03	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	13:08	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	13:14	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	13:20													
ZZZZZZ		1	13:25													
ZZZZZZ		1	13:31													
ZZZZZZ		1	13:37													
ZZZZZZ		1	13:42													
ZZZZZZ		1	13:48													
ZZZZZZ		1	13:53													
ZZZZZZ		1	14:00													
LCSWUJ06ICW0		1	14:05	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
PBWUJ06ICW0		1	14:11	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	14:17	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	14:24	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	14:30													
ZZZZZZ		1	14:35													
ZZZZZZ		1	14:41													
ZZZZZZ		1	14:47													
ZZZZZZ		1	14:52													
ZZZZZZ		5	14:58													
ZZZZZZ		1	15:04													
CRI		1	15:09	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSA		1	15:15	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSAB		1	15:21	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	15:26	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	15:32	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	15:37													
ZZZZZZ		1	15:43													
ZZZZZZ		1	15:49													
ZZZZZZ		1	15:54													
ZZZZZZ		1	16:00													
ZZZZZZ		1	16:06													
ZZZZZZ		1	16:11													
CRI		1	16:17	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSA		1	16:22	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSAB		1	16:28	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	16:34	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	16:39	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	16:45													
ZZZZZZ		1	16:51													

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
ZZZZZZ		1	16:56									
ZZZZZZ		1	17:02									
ZZZZZZ		1	17:08									
ZZZZZZ		1	17:13									
ZZZZZZ		1	17:19									
ZZZZZZ		1	17:24									
ZZZZZZ		1	17:30									
ZZZZZZ		1	17:36									
CCV		1	17:41	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	17:47	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	17:53									
ZZZZZZ		5	17:58									
ZZZZZZ		1	18:04									
ZZZZZZ		1	18:10									
ZZZZZZ		1	18:15									
ZZZZZZ		1	18:21									
ZZZZZZ		1	18:26									
ZZZZZZ		1	18:32									
ZZZZZZ		1	18:38									
ZZZZZZ		1	18:43									
CCV		1	18:49	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	18:55	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	19:00									
ZZZZZZ		1	19:06									
ZZZZZZ		5	19:12									
ZZZZZZ		1	19:17									
ZZZZZZ		1	19:23									
ZZZZZZ		1	19:29									
ZZZZZZ		1	19:34									
CRI		1	19:40	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSA		1	19:45	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSAB		1	19:51	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCV		1	19:57	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	20:02	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	20:08									
ZZZZZZ		1	20:14									
ZZZZZZ		1	20:19									
ZZZZZZ		1	20:25									
ZZZZZZ		1	20:31									
ZZZZZZ		1	20:36									
ZZZZZZ		1	20:42									
ZZZZZZ		1	20:47									
ZZZZZZ		1	20:53									
ZZZZZZ		1	20:59									
CCV		1	21:04	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	21:10	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	21:16									
ZZZZZZ		1	21:21									
WU3256-016T	KWFCGS-DRUM-0904T	1	21:27	Al	Ba Be	Cd	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	21:33									
ZZZZZZ		1	21:38									

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA 61 ICP **File Name:** BUJ07A

Date: 10/7/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
ZZZZZZ		1	21:44										
ZZZZZZ		1	21:50										
ZZZZZZ		1	21:55										
ZZZZZZ		1	22:01										
ZZZZZZ		1	22:07										
CCV		1	22:12	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
CCB		1	22:18	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
ZZZZZZ		1	22:24										
ZZZZZZ		1	22:29										
ZZZZZZ		1	22:35										
ZZZZZZ		5	22:40										
ZZZZZZ		1	22:46										
ZZZZZZ		1	22:52										
ZZZZZZ		1	22:57										
ZZZZZZ		1	23:03										
CCV		1	23:09	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
CCB		1	23:14	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
CRI		1	23:20	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
ICSA		1	23:26	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
ICSAB		1	23:31	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
CCV		1	23:37	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	
CCB		1	23:43	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn	

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA 61 ICP **File Name:** BUJ15A

Date: 10/15/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements								
S0		1	13:17	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
S1		1	13:22	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
AL_IEC		1	13:28	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
FE_IEC		1	13:36	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICV		1	13:44	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICB		1	13:50	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
PQL		1	13:56	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CRI		1	14:01	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSA		1	14:07	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSAB		1	14:13	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCV		1	14:20	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	14:25	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		5	14:31									
ZZZZZZ		10	14:36									
WU3256-016T	KWFCGS-DRUM-0904T	10	14:42			Ca						
LCSWUJ11ICW1		1	14:48	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
PBWUJ11ICW1		1	14:53	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-001	KWFCGS-MW05-0904	1	14:59	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-002	KWFCGS-MW10-0904	1	15:05	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-003	KWFCGS-MW09-0904	1	15:10	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		1	15:16									
WU3256-005	KWFCGS-MW11-0904	1	15:21	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCV		1	15:27	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	15:33	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-006	KWFCGS-MW19-0904	1	15:39	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-007	KWFCGS-MW06-0904	1	15:44	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-007L	KWFCGS-MW06-0904L	5	15:50	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-007P	KWFCGS-MW06-0904P	1	15:55	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-007S	KWFCGS-MW06-0904S	1	16:01	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-008	KWFCGS-MW12-0904	1	16:07	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-009	KWFCGS-MW07-0904	1	16:12	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-010	KWFCGS-FD01-0904	1	16:18	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-011	KWFCGS-MW08-0904	1	16:24	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-012	KWFCGS-EB01-0904	1	16:29	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCV		1	16:35	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	16:41	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-013	KWFCGS-FB01-0904	1	16:46	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-014	KWFCGS-DRUM01-0904	1	16:52	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
WU3256-015	KWFCGS-DRUM02-0904	1	16:57	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ZZZZZZ		5	17:03									
ZZZZZZ		1	17:09									
ZZZZZZ		1	17:14									
ZZZZZZ		1	17:20									
CRI		1	17:26	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSA		1	17:31	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
ICSAB		1	17:37	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCV		1	17:42	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn
CCB		1	17:48	Al	Ba Be	Cd Ca	Cu Fe	Mg	K	Ag Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: TJA 61 ICP **File Name:** BUJ19A

Date: 10/19/04 **Method:** P

Lab Sample ID	Client ID	D.F.	Time	Elements									
S0		1	13:33	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
S1		1	13:39	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
AL_IEC		1	13:44	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
FE_IEC		1	13:53	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICV		1	14:01	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICB		1	14:07	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
PQL		1	14:12	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CRI		1	14:18	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSA		1	14:25	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSAB		1	14:31	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	14:37	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	14:42	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
WU3256-004	KWFCGS-MW22-0904	1	14:48	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	14:54													
ZZZZZZ		5	14:59													
ZZZZZZ		1	15:05													
ZZZZZZ		1	15:13													
ZZZZZZ		10	15:19													
CCV		1	15:25	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	15:30	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	16:42	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	16:48	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ZZZZZZ		1	16:53													
ZZZZZZ		1	16:59													
ZZZZZZ		1	17:04													
ZZZZZZ		1	17:10													
CCV		1	17:16	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	17:21	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CRI		1	17:27	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSA		1	17:33	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
ICSAB		1	17:38	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCV		1	17:44	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn
CCB		1	17:50	Al	Ba	Be	Cd	Ca	Cu	Fe	Mg	K	Ag	Na	V	Zn

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: CETAC M6100 **File Name:** HUJ05A

Date: 10/5/04 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	10:18	Hg
Standard #1 (0.2 p		1	10:20	Hg
Standard #2 (0.5 p		1	10:23	Hg
Standard #3 (1.0 p		1	10:25	Hg
Standard #4 (5.0 p		1	10:27	Hg
Standard #5 (10.0		1	10:29	Hg
ICV		1	10:31	HG
ICB		1	10:33	HG
CRA		1	10:35	HG
LCSWUJ04HGW0		1	10:37	HG
PBWUJ04HGW0		1	10:40	HG
ZZZZZZ		1	10:42	
ZZZZZZ		1	10:44	
ZZZZZZ		1	10:46	
ZZZZZZ		1	10:48	
ZZZZZZ		1	10:50	
ZZZZZZ		1	10:52	
WU3256-001	KWFCGS-MW05-0904	1	10:54	HG
CCV		1	10:57	HG
CCB		1	10:59	HG
WU3256-002	KWFCGS-MW10-0904	1	11:01	HG
WU3256-003	KWFCGS-MW09-0904	1	11:03	HG
WU3256-004	KWFCGS-MW22-0904	1	11:05	HG
WU3256-005	KWFCGS-MW11-0904	1	11:07	HG
WU3256-006	KWFCGS-MW19-0904	1	11:09	HG
WU3256-007	KWFCGS-MW06-0904	1	11:11	HG
WU3256-007P	KWFCGS-MW06-0904P	1	11:14	HG
WU3256-007S	KWFCGS-MW06-0904S	1	11:16	HG
ZZZZZZ		1	11:18	
ZZZZZZ		1	11:20	
CCV		1	11:22	HG
CCB		1	11:24	HG

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: CETAC M6100 **File Name:** HUJ06B

Date: 10/6/04 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	17:12	Hg
Standard #1 (0.2 p		1	17:14	Hg
Standard #2 (0.5 p		1	17:16	Hg
Standard #3 (1.0 p		1	17:18	Hg
Standard #4 (5.0 p		1	17:21	Hg
Standard #5 (10.0		1	17:23	Hg
ICV		1	17:25	HG
ICB		1	17:27	HG
CRA		1	17:29	HG
LCSWUJ06HGW0		1	17:31	HG
PBWUJ06HGW0		1	17:33	HG
WU3256-008	KWFCGS-MW12-0904	1	17:35	HG
WU3256-009	KWFCGS-MW07-0904	1	17:37	HG
WU3256-010	KWFCGS-FD01-0904	1	17:40	HG
WU3256-011	KWFCGS-MW08-0904	1	17:42	HG
WU3256-012	KWFCGS-EB01-0904	1	17:44	HG
WU3256-013	KWFCGS-FB01-0904	1	17:46	HG
WU3256-014	KWFCGS-DRUM01-0904	1	17:48	HG
CCV		1	17:50	HG
CCB		1	17:52	HG
WU3256-015	KWFCGS-DRUM02-0904	1	17:54	HG
ZZZZZZ		1	17:57	
ZZZZZZ		1	17:59	
ZZZZZZ		1	18:01	
ZZZZZZ		1	18:03	
ZZZZZZ		1	18:05	
ZZZZZZ		1	18:07	
ZZZZZZ		1	18:09	
ZZZZZZ		1	18:12	
CCV		1	18:14	HG
CCB		1	18:16	HG

FORM XIV - IN

ANALYSIS RUN LOG

Lab Name: Katahdin Analytical Services **SDG Name:** WU3256

Instrument ID: CETAC M6100 **File Name:** HUJ15B

Date: 10/15/04 **Method:** CV

Lab Sample ID	Client ID	D.F.	Time	Elements
Calibration Blank		1	16:04	Hg
Standard #1 (0.2 p		1	16:06	Hg
Standard #2 (0.5 p		1	16:08	Hg
Standard #3 (1.0 p		1	16:10	Hg
Standard #4 (5.0 p		1	16:12	Hg
Standard #5 (10.0		1	16:14	Hg
ICV		1	16:16	HG
ICB		1	16:18	HG
CRA		1	16:21	HG
LCSWUJ15HGW0		1	16:23	HG
PBWUJ15HGW0		1	16:25	HG
ZZZZZZ		1	16:27	
ZZZZZZ		1	16:29	
ZZZZZZ		1	16:31	
WU3256-016T	KWFCGS-DRUM-0904T	1	16:33	HG
ZZZZZZ		1	16:35	
ZZZZZZ		1	16:37	
ZZZZZZ		1	16:40	
CCV		1	16:42	HG
CCB		1	16:44	HG

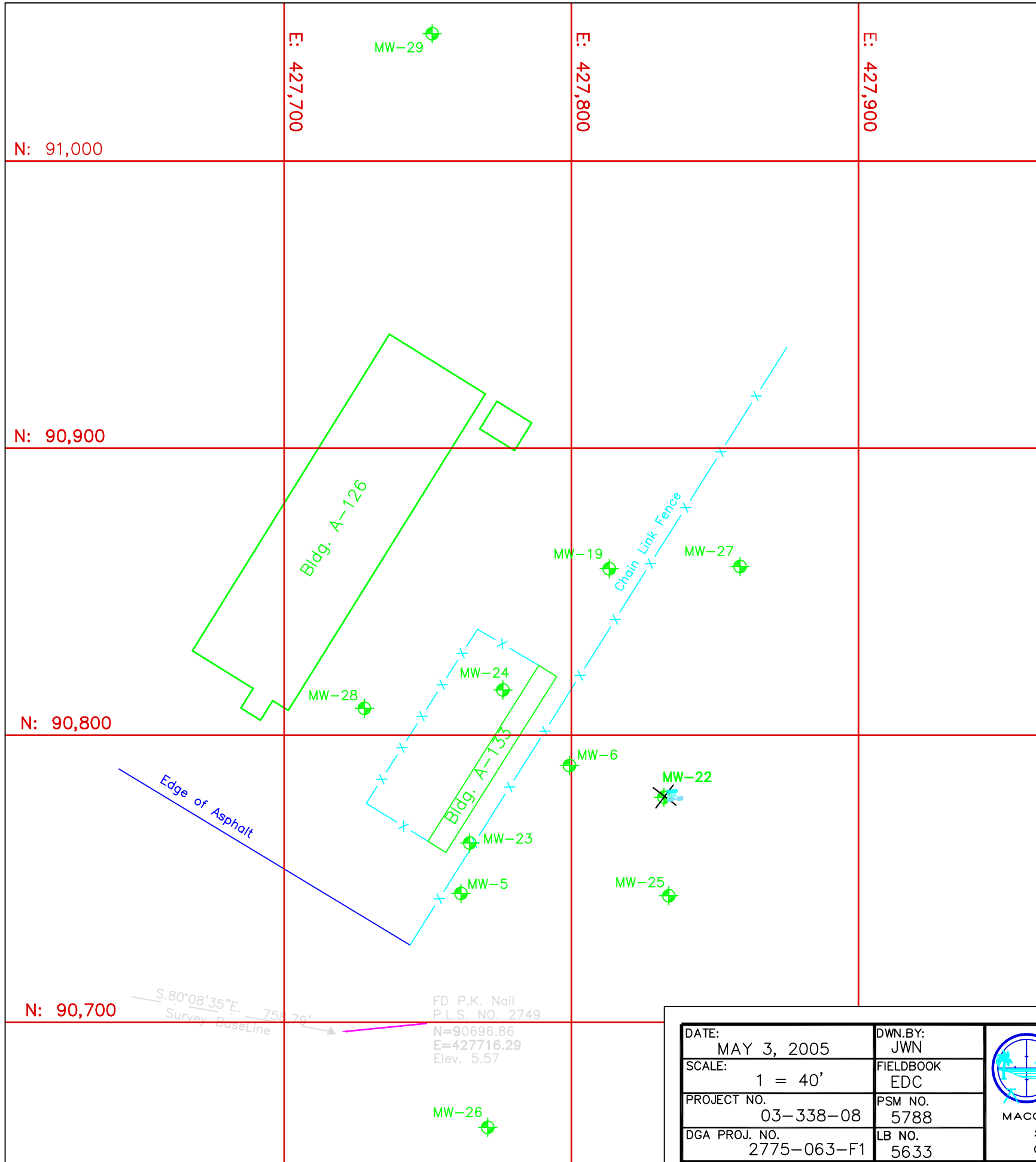
FIELD DUPLICATE PRECISION

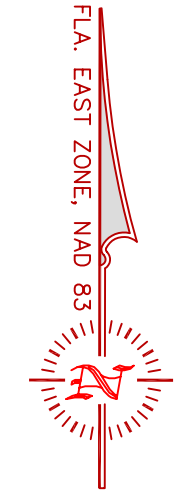
ANALYTE	KWFCGS-FD01-0904	KWFCGS-MW07-0904	RPD	DIFFERENCE
Aluminum	358	309U	#VALUE!	~~#VALUE!~~ 358
Antimony	2.8U	2.34U	#VALUE!	#VALUE!
Arsenic	3.4	3.2	6.06	0.2
Barium	6.9	6.8	1.46	0.1
Beryllium	0.27U	0.27U	#VALUE!	#VALUE!
Cadmium	3.97U	3.97U	#VALUE!	#VALUE!
Calcium	99800	97800	2.02	2000
Chromium	1.4	1.3	7.41	0.1
Cobalt	0.64U	0.64U	#VALUE!	#VALUE!
Copper	1.91U	1.91U	#VALUE!	#VALUE!
Iron	42.1U	42.1U	#VALUE!	#VALUE!
Lead	20.5	20.4	0.49	0.1
Magnesium	8620	8610	0.12	10
Manganese	1.1	1.1	0.00	0
Mercury	0.06U	0.05U	#VALUE!	#VALUE!
Nickel	2.4	2.6	8.00	0.2
Potassium	4210	3940	6.63	270
Selenium	3.71U	3.71U	#VALUE!	#VALUE!
Silver	2.84U	2.84U	#VALUE!	#VALUE!
Sodium	15900	15500	2.55	400
Thallium	4.09U	4.09U	#VALUE!	#VALUE!
Tin	1.79U	2.1U	#VALUE!	#VALUE!
Vanadium	4.14U	4.14U	#VALUE!	#VALUE!
Zinc	3.0U	3.6U	#VALUE!	#VALUE!

APPENDIX C

FIELD SURVEY DATA

SPECIFIC PURPOSE SURVEY





NOTES

1. THE PURPOSE OF THIS SURVEY IS TO SHOW THE HORIZONTAL LOCATIONS OF SELECTED GROUNDWATER MONITORING WELLS. OTHER FEATURES SHOWN ARE TAKEN FROM DRAWINGS PROVIDED BY TETRA TECH NUS, AND ARE PROVIDED FOR INFORMATION ONLY. THIS INFORMATION IS UNCHECKED.
2. THE COORDINATE GRID SHOWN IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (NAD 83).
3. ELEVATIONS SHOWN ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29)
4. DATE OF FIELD SURVEY: APRIL 18, 2005.

LEGEND

MONITORING WELL

MONITORING WELL DATA

WELL NO.	COORDINATES		ELEVATIONS		
	NORTH	EAST	T.O.C.	PAD	GRD
19	90858.05	427813.20	5.31	5.51	5.52
22	90778.46	427832.23	5.06	5.58	5.55
23	90762.53	427764.59	5.64	5.94	5.80
24	90815.83	427776.16	5.80	6.02	6.00
25	90744.13	427833.95	4.72	5.03	4.93
26	90663.26	427770.76	5.15	5.43	5.37
27	90858.83	427858.74	5.28	5.56	5.51
28	90809.42	427727.90	5.74	6.09	6.04
29	91044.44	427751.51	5.13	5.43	5.44

40 0 40 80 120

GRAPHIC SCALE IN FEET

CERTIFICATION
I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61G17-6 FL. AD. CODE, SECTION 472.027, FL. STATUTES.

JAMES W. NEWBERRY, FL. PSM. #5788

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DATE: MAY 3, 2005	DWN.BY: JWN
SCALE: 1 = 40'	FIELDBOOK EDC
PROJECT NO. 03-338-08	PSM NO. 5788
DGA PROJ. NO. 2775-063-F1	LB NO. 5633

ISLAND SURVEYING & MAPPING CO.
A DONALDSON, GARRETT & ASSOCIATES, INC. COMPANY
MACON • CHARLOTTE • MERRITT ISLAND, FL
2460 N. COURTENAY PKWY., SUITE 212
MERRITT ISLAND, FL 32953
(321)452-1738 Fax: (321) 452-7256

WELL LOCATION SURVEY

NAVAL AIR FACILITY KEY WEST
"FLYING CLUB SITE"

PREPARED FOR

TETRA TECH NUS, INC.

CITY OF KEY WEST MONROE COUNTY FLORIDA

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APPENDIX D

TIDAL STUDY DATA

In-Situ Inc. MiniTroll Pro

Report generated: 11/2/2000 15:31:01
Report from file: C:\Win-Situ\Data\SN15331 2004-09-26 083226 MW-5.bin
DataMgr Version 3.71

Serial number: 15331
Firmware Version 3.09
Unit name:

Test name: MW-5

Test defined on: 9/26/2004 8:32:21
Test started on: 9/26/2004 8:32:26
Test stopped on: 9/29/2004 2:57:18
Test extracted on: N/A

Data gathered using Linear testing
Time between data points: Minutes.
Number of data samples: 266

TOTAL DATA SAMPLES 266

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name:
Sensor Range: 30 PSI.
Specific gravity: 1

Date	Time	ET (min)	Chan[1] Celsius	Chan[2] Meters H2O
9/26/2004	8:32:26	0	28.58	2.108
9/26/2004	8:47:26	15	28.58	2.104
9/26/2004	9:02:26	30	28.58	2.1
9/26/2004	9:17:26	45	28.58	2.098
9/26/2004	9:32:26	60	28.58	2.095
9/26/2004	9:47:26	75	28.58	2.092
9/26/2004	10:02:26	90	28.59	2.088
9/26/2004	10:17:26	105	28.59	2.085
9/26/2004	10:32:26	120	28.59	2.082
9/26/2004	10:47:26	135	28.59	2.08
9/26/2004	11:02:26	150	28.59	2.078
9/26/2004	11:17:26	165	28.59	2.075
9/26/2004	11:32:26	180	28.59	2.072
9/26/2004	11:47:26	195	28.59	2.071

9/26/2004	12:02:26	210	28.61	2.069
9/26/2004	12:17:26	225	28.59	2.068
9/26/2004	12:32:26	240	28.59	2.067
9/26/2004	12:47:26	255	28.59	2.066
9/26/2004	13:02:26	270	28.59	2.065
9/26/2004	13:17:26	285	28.59	2.064
9/26/2004	13:32:26	300	28.59	2.063
9/26/2004	13:47:26	315	28.59	2.063
9/26/2004	14:02:26	330	28.59	2.062
9/26/2004	14:17:26	345	28.58	2.061
9/26/2004	14:32:26	360	28.58	2.061
9/26/2004	14:47:26	375	28.58	2.06
9/26/2004	15:02:26	390	28.58	2.06
9/26/2004	15:17:26	405	28.58	2.059
9/26/2004	15:32:26	420	28.58	2.059
9/26/2004	15:47:26	435	28.58	2.059
9/26/2004	16:02:26	450	28.58	2.057
9/26/2004	16:17:26	465	28.58	2.057
9/26/2004	16:32:26	480	28.57	2.057
9/26/2004	16:47:26	495	28.58	2.056
9/26/2004	17:02:26	510	28.57	2.056
9/26/2004	17:17:26	525	28.57	2.055
9/26/2004	17:32:26	540	28.57	2.055
9/26/2004	17:47:26	555	28.58	2.055
9/26/2004	18:02:26	570	28.58	2.055
9/26/2004	18:17:26	585	28.57	2.053
9/26/2004	18:32:26	600	28.57	2.052
9/26/2004	18:47:26	615	28.58	2.052
9/26/2004	19:02:26	630	28.58	2.051
9/26/2004	19:17:26	645	28.58	2.049
9/26/2004	19:32:26	660	28.58	2.049
9/26/2004	19:47:26	675	28.58	2.048
9/26/2004	20:02:26	690	28.58	2.047
9/26/2004	20:17:26	705	28.58	2.045
9/26/2004	20:32:26	720	28.58	2.043
9/26/2004	20:47:26	735	28.58	2.041
9/26/2004	21:02:26	750	28.58	2.04
9/26/2004	21:17:26	765	28.59	2.038
9/26/2004	21:32:26	780	28.59	2.036
9/26/2004	21:47:26	795	28.59	2.034
9/26/2004	22:02:26	810	28.59	2.033
9/26/2004	22:17:26	825	28.59	2.031
9/26/2004	22:32:26	840	28.59	2.029
9/26/2004	22:47:26	855	28.59	2.028
9/26/2004	23:02:26	870	28.59	2.026
9/26/2004	23:17:26	885	28.59	2.025
9/26/2004	23:32:26	900	28.59	2.025
9/26/2004	23:47:26	915	28.59	2.024
9/27/2004	0:02:26	930	28.58	2.024
9/27/2004	0:17:26	945	28.58	2.023
9/27/2004	0:32:26	960	28.58	2.023
9/27/2004	0:47:26	975	28.58	2.024

9/27/2004	1:02:26	990	28.58	2.023
9/27/2004	1:17:26	1005	28.58	2.024
9/27/2004	1:32:26	1020	28.58	2.024
9/27/2004	1:47:26	1035	28.57	2.025
9/27/2004	2:02:26	1050	28.57	2.025
9/27/2004	2:17:26	1065	28.57	2.027
9/27/2004	2:32:26	1080	28.57	2.028
9/27/2004	2:47:26	1095	28.56	2.03
9/27/2004	3:02:26	1110	28.56	2.031
9/27/2004	3:17:26	1125	28.56	2.033
9/27/2004	3:32:26	1140	28.56	2.035
9/27/2004	3:47:26	1155	28.56	2.037
9/27/2004	4:02:26	1170	28.54	2.04
9/27/2004	4:17:26	1185	28.54	2.041
9/27/2004	4:32:26	1200	28.54	2.044
9/27/2004	4:47:26	1215	28.54	2.046
9/27/2004	5:02:26	1230	28.54	2.048
9/27/2004	5:17:26	1245	28.54	2.05
9/27/2004	5:32:26	1260	28.54	2.053
9/27/2004	5:47:26	1275	28.54	2.054
9/27/2004	6:02:26	1290	28.54	2.057
9/27/2004	6:17:26	1305	28.54	2.061
9/27/2004	6:32:26	1320	28.53	2.064
9/27/2004	6:47:26	1335	28.53	2.066
9/27/2004	7:02:26	1350	28.53	2.067
9/27/2004	7:17:26	1365	28.53	2.069
9/27/2004	7:32:26	1380	28.53	2.07
9/27/2004	7:47:26	1395	28.53	2.07
9/27/2004	8:02:26	1410	28.53	2.07
9/27/2004	8:17:26	1425	28.54	2.069
9/27/2004	8:32:26	1440	28.54	2.068
9/27/2004	8:47:26	1455	28.54	2.065
9/27/2004	9:02:26	1470	28.56	2.062
9/27/2004	9:17:26	1485	28.56	2.059
9/27/2004	9:32:26	1500	28.56	2.057
9/27/2004	9:47:26	1515	28.57	2.054
9/27/2004	10:02:26	1530	28.57	2.051
9/27/2004	10:17:26	1545	28.57	2.048
9/27/2004	10:32:26	1560	28.58	2.044
9/27/2004	10:47:26	1575	28.58	2.042
9/27/2004	11:02:26	1590	28.58	2.039
9/27/2004	11:17:26	1605	28.58	2.036
9/27/2004	11:32:26	1620	28.59	2.033
9/27/2004	11:47:26	1635	28.59	2.031
9/27/2004	12:02:26	1650	28.59	2.029
9/27/2004	12:17:26	1665	28.59	2.028
9/27/2004	12:32:26	1680	28.59	2.026
9/27/2004	12:47:26	1695	28.59	2.025
9/27/2004	13:02:26	1710	28.58	2.024
9/27/2004	13:17:26	1725	28.58	2.022
9/27/2004	13:32:26	1740	28.58	2.021
9/27/2004	13:47:26	1755	28.58	2.021

9/27/2004	14:02:26	1770	28.58	2.02
9/27/2004	14:17:26	1785	28.58	2.02
9/27/2004	14:32:26	1800	28.58	2.02
9/27/2004	14:47:26	1815	28.58	2.019
9/27/2004	15:02:26	1830	28.58	2.019
9/27/2004	15:17:26	1845	28.58	2.018
9/27/2004	15:32:26	1860	28.57	2.019
9/27/2004	15:47:26	1875	28.57	2.019
9/27/2004	16:02:26	1890	28.57	2.019
9/27/2004	16:17:26	1905	28.57	2.018
9/27/2004	16:32:26	1920	28.57	2.019
9/27/2004	16:47:26	1935	28.57	2.019
9/27/2004	17:02:26	1950	28.57	2.019
9/27/2004	17:17:26	1965	28.57	2.019
9/27/2004	17:32:26	1980	28.57	2.019
9/27/2004	17:47:26	1995	28.57	2.019
9/27/2004	18:02:26	2010	28.57	2.019
9/27/2004	18:17:26	2025	28.57	2.019
9/27/2004	18:32:26	2040	28.57	2.018
9/27/2004	18:47:26	2055	28.57	2.017
9/27/2004	19:02:26	2070	28.57	2.016
9/27/2004	19:17:26	2085	28.57	2.016
9/27/2004	19:32:26	2100	28.57	2.015
9/27/2004	19:47:26	2115	28.58	2.013
9/27/2004	20:02:26	2130	28.57	2.012
9/27/2004	20:17:26	2145	28.58	2.01
9/27/2004	20:32:26	2160	28.58	2.009
9/27/2004	20:47:26	2175	28.58	2.007
9/27/2004	21:02:26	2190	28.58	2.005
9/27/2004	21:17:26	2205	28.58	2.003
9/27/2004	21:32:26	2220	28.59	2.001
9/27/2004	21:47:26	2235	28.59	1.998
9/27/2004	22:02:26	2250	28.59	1.996
9/27/2004	22:17:26	2265	28.59	1.993
9/27/2004	22:32:26	2280	28.59	1.991
9/27/2004	22:47:26	2295	28.61	1.988
9/27/2004	23:02:26	2310	28.61	1.987
9/27/2004	23:17:26	2325	28.61	1.984
9/27/2004	23:32:26	2340	28.61	1.983
9/27/2004	23:47:26	2355	28.61	1.982
9/28/2004	0:02:26	2370	28.61	1.98
9/28/2004	0:17:26	2385	28.61	1.979
9/28/2004	0:32:26	2400	28.61	1.978
9/28/2004	0:47:26	2415	28.61	1.977
9/28/2004	1:02:26	2430	28.61	1.977
9/28/2004	1:17:26	2445	28.59	1.977
9/28/2004	1:32:26	2460	28.59	1.976
9/28/2004	1:47:26	2475	28.59	1.976
9/28/2004	2:02:26	2490	28.59	1.976
9/28/2004	2:17:26	2505	28.59	1.976
9/28/2004	2:32:26	2520	28.59	1.976
9/28/2004	2:47:26	2535	28.59	1.977

9/28/2004	3:02:26	2550	28.58	1.978
9/28/2004	3:17:26	2565	28.58	1.978
9/28/2004	3:32:26	2580	28.58	1.978
9/28/2004	3:47:26	2595	28.58	1.979
9/28/2004	4:02:26	2610	28.58	1.979
9/28/2004	4:17:26	2625	28.58	1.981
9/28/2004	4:32:26	2640	28.57	1.982
9/28/2004	4:47:26	2655	28.57	1.982
9/28/2004	5:02:26	2670	28.57	1.984
9/28/2004	5:17:26	2685	28.57	1.985
9/28/2004	5:32:26	2700	28.57	1.986
9/28/2004	5:47:26	2715	28.57	1.986
9/28/2004	6:02:26	2730	28.57	1.988
9/28/2004	6:17:26	2745	28.57	1.989
9/28/2004	6:32:26	2760	28.57	1.99
9/28/2004	6:47:26	2775	28.57	1.991
9/28/2004	7:02:26	2790	28.57	1.991
9/28/2004	7:17:26	2805	28.57	1.992
9/28/2004	7:32:26	2820	28.57	1.993
9/28/2004	7:47:26	2835	28.57	1.994
9/28/2004	8:02:26	2850	28.56	1.994
9/28/2004	8:17:26	2865	28.56	1.995
9/28/2004	8:32:26	2880	28.57	1.995
9/28/2004	8:47:26	2895	28.56	1.995
9/28/2004	9:02:26	2910	28.57	1.993
9/28/2004	9:17:26	2925	28.57	1.992
9/28/2004	9:32:26	2940	28.57	1.99
9/28/2004	9:47:26	2955	28.57	1.988
9/28/2004	10:02:26	2970	28.58	1.985
9/28/2004	10:17:26	2985	28.58	1.983
9/28/2004	10:32:26	3000	28.58	1.981
9/28/2004	10:47:26	3015	28.58	1.978
9/28/2004	11:02:26	3030	28.59	1.976
9/28/2004	11:17:26	3045	28.58	1.975
9/28/2004	11:32:26	3060	28.59	1.972
9/28/2004	11:47:26	3075	28.59	1.971
9/28/2004	12:02:26	3090	28.59	1.97
9/28/2004	12:17:26	3105	28.59	1.969
9/28/2004	12:32:26	3120	28.59	1.968
9/28/2004	12:47:26	3135	28.59	1.967
9/28/2004	13:02:26	3150	28.59	1.966
9/28/2004	13:17:26	3165	28.59	1.966
9/28/2004	13:32:26	3180	28.59	1.966
9/28/2004	13:47:26	3195	28.59	1.965
9/28/2004	14:02:26	3210	28.58	1.965
9/28/2004	14:17:26	3225	28.58	1.965
9/28/2004	14:32:26	3240	28.58	1.965
9/28/2004	14:47:26	3255	28.58	1.965
9/28/2004	15:02:26	3270	28.58	1.966
9/28/2004	15:17:26	3285	28.58	1.966
9/28/2004	15:32:26	3300	28.58	1.966
9/28/2004	15:47:26	3315	28.57	1.967

9/28/2004	16:02:26	3330	28.57	1.968
9/28/2004	16:17:26	3345	28.57	1.968
9/28/2004	16:32:26	3360	28.57	1.969
9/28/2004	16:47:26	3375	28.57	1.97
9/28/2004	17:02:26	3390	28.57	1.97
9/28/2004	17:17:26	3405	28.57	1.971
9/28/2004	17:32:26	3420	28.57	1.972
9/28/2004	17:47:26	3435	28.57	1.973
9/28/2004	18:02:26	3450	28.57	1.973
9/28/2004	18:17:26	3465	28.57	1.974
9/28/2004	18:32:26	3480	28.57	1.974
9/28/2004	18:47:26	3495	28.56	1.975
9/28/2004	19:02:26	3510	28.56	1.975
9/28/2004	19:17:26	3525	28.56	1.975
9/28/2004	19:32:26	3540	28.56	1.975
9/28/2004	19:47:26	3555	28.57	1.975
9/28/2004	20:02:26	3570	28.57	1.974
9/28/2004	20:17:26	3585	28.57	1.973
9/28/2004	20:32:26	3600	28.57	1.973
9/28/2004	20:47:26	3615	28.57	1.972
9/28/2004	21:02:26	3630	28.57	1.97
9/28/2004	21:17:26	3645	28.57	1.969
9/28/2004	21:32:26	3660	28.57	1.967
9/28/2004	21:47:26	3675	28.58	1.965
9/28/2004	22:02:26	3690	28.58	1.963
9/28/2004	22:17:26	3705	28.58	1.961
9/28/2004	22:32:26	3720	28.59	1.959
9/28/2004	22:47:26	3735	28.59	1.957
9/28/2004	23:02:26	3750	28.59	1.955
9/28/2004	23:17:26	3765	28.59	1.953
9/28/2004	23:32:26	3780	28.59	1.951
9/28/2004	23:47:26	3795	28.61	1.95
9/29/2004	0:02:26	3810	28.61	1.948
9/29/2004	0:17:26	3825	28.61	1.947
9/29/2004	0:32:26	3840	28.61	1.946
9/29/2004	0:47:26	3855	28.61	1.945
9/29/2004	1:02:26	3870	28.61	1.944
9/29/2004	1:17:26	3885	28.61	1.944
9/29/2004	1:32:26	3900	28.61	1.942
9/29/2004	1:47:26	3915	28.59	1.943
9/29/2004	2:02:26	3930	28.59	1.943
9/29/2004	2:17:26	3945	28.59	1.942
9/29/2004	2:32:26	3960	28.59	1.943
9/29/2004	2:47:26	3975	28.59	1.943

In-Situ Inc. MiniTroll Pro

Report generated: 11/2/2000 15:38:02
Report from file: C:\Win-Situ\Data\SN08949 2004-09-26 143735 MW-10.bin
DataMgr Version 3.71

Serial number: 8949
Firmware Version 3.09
Unit name:

Test name: MW-10

Test defined on: 9/26/2004 14:37:24
Test started on: 9/26/2004 14:37:35
Test stopped on: 9/29/2004 9:03:05
Test extracted on: N/A

Data gathered using Linear testing
Time between data points: Minutes.
Number of data samples: 266

TOTAL DATA SAMPLES 266

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name:
Sensor Range: 30 PSI.
Specific gravity: 1

Date	Time	ET (min)	Chan[1] Celsius	Chan[2] Meters H2O
9/26/2004	14:37:35	0	28.96	2.252
9/26/2004	14:52:35	15	28.96	2.248
9/26/2004	15:07:35	30	28.98	2.244
9/26/2004	15:22:35	45	28.98	2.24
9/26/2004	15:37:35	60	28.98	2.237
9/26/2004	15:52:35	75	28.98	2.234
9/26/2004	16:07:35	90	28.98	2.231
9/26/2004	16:22:35	105	28.99	2.228
9/26/2004	16:37:35	120	28.99	2.225
9/26/2004	16:52:35	135	28.99	2.222
9/26/2004	17:07:35	150	28.99	2.228
9/26/2004	17:22:35	165	29	2.232
9/26/2004	17:37:35	180	29	2.233
9/26/2004	17:52:35	195	29	2.232

9/26/2004	18:07:35	210	29	2.229
9/26/2004	18:22:35	225	29	2.228
9/26/2004	18:37:35	240	29	2.226
9/26/2004	18:52:35	255	29	2.224
9/26/2004	19:07:35	270	29	2.223
9/26/2004	19:22:35	285	29	2.223
9/26/2004	19:37:35	300	28.99	2.221
9/26/2004	19:52:35	315	28.99	2.22
9/26/2004	20:07:35	330	28.99	2.219
9/26/2004	20:22:35	345	28.99	2.218
9/26/2004	20:37:35	360	28.99	2.217
9/26/2004	20:52:35	375	28.99	2.216
9/26/2004	21:07:35	390	28.99	2.215
9/26/2004	21:22:35	405	28.99	2.214
9/26/2004	21:37:35	420	28.99	2.212
9/26/2004	21:52:35	435	28.98	2.213
9/26/2004	22:07:35	450	28.98	2.211
9/26/2004	22:22:35	465	28.98	2.211
9/26/2004	22:37:35	480	28.98	2.21
9/26/2004	22:52:35	495	28.98	2.209
9/26/2004	23:07:35	510	28.98	2.208
9/26/2004	23:22:35	525	28.98	2.207
9/26/2004	23:37:35	540	28.98	2.207
9/26/2004	23:52:35	555	28.98	2.206
9/27/2004	0:07:35	570	28.98	2.205
9/27/2004	0:22:35	585	28.98	2.204
9/27/2004	0:37:35	600	28.98	2.202
9/27/2004	0:52:35	615	28.98	2.201
9/27/2004	1:07:35	630	28.98	2.2
9/27/2004	1:22:35	645	28.98	2.199
9/27/2004	1:37:35	660	28.98	2.198
9/27/2004	1:52:35	675	28.98	2.197
9/27/2004	2:07:35	690	28.98	2.195
9/27/2004	2:22:35	705	28.99	2.194
9/27/2004	2:37:35	720	28.99	2.192
9/27/2004	2:52:35	735	28.99	2.19
9/27/2004	3:07:35	750	28.99	2.188
9/27/2004	3:22:35	765	28.99	2.186
9/27/2004	3:37:35	780	28.99	2.185
9/27/2004	3:52:35	795	29	2.183
9/27/2004	4:07:35	810	29	2.181
9/27/2004	4:22:35	825	29	2.18
9/27/2004	4:37:35	840	29	2.178
9/27/2004	4:52:35	855	29	2.177
9/27/2004	5:07:35	870	29	2.176
9/27/2004	5:22:35	885	29	2.175
9/27/2004	5:37:35	900	29	2.174
9/27/2004	5:52:35	915	29	2.174
9/27/2004	6:07:35	930	29	2.174
9/27/2004	6:22:35	945	29	2.174
9/27/2004	6:37:35	960	28.99	2.174
9/27/2004	6:52:35	975	28.99	2.174

9/27/2004	7:07:35	990	28.99	2.174
9/27/2004	7:22:35	1005	28.99	2.174
9/27/2004	7:37:35	1020	28.98	2.175
9/27/2004	7:52:35	1035	28.98	2.176
9/27/2004	8:07:35	1050	28.98	2.176
9/27/2004	8:22:35	1065	28.96	2.178
9/27/2004	8:37:35	1080	28.96	2.178
9/27/2004	8:52:35	1095	28.96	2.179
9/27/2004	9:07:35	1110	28.96	2.181
9/27/2004	9:22:35	1125	28.96	2.182
9/27/2004	9:37:35	1140	28.95	2.183
9/27/2004	9:52:35	1155	28.95	2.186
9/27/2004	10:07:35	1170	28.95	2.187
9/27/2004	10:22:35	1185	28.95	2.189
9/27/2004	10:37:35	1200	28.95	2.19
9/27/2004	10:52:35	1215	28.94	2.192
9/27/2004	11:07:35	1230	28.94	2.192
9/27/2004	11:22:35	1245	28.94	2.194
9/27/2004	11:37:35	1260	28.94	2.196
9/27/2004	11:52:35	1275	28.94	2.197
9/27/2004	12:07:35	1290	28.94	2.199
9/27/2004	12:22:35	1305	28.93	2.202
9/27/2004	12:37:35	1320	28.93	2.203
9/27/2004	12:52:35	1335	28.93	2.205
9/27/2004	13:07:35	1350	28.93	2.206
9/27/2004	13:22:35	1365	28.93	2.207
9/27/2004	13:37:35	1380	28.93	2.207
9/27/2004	13:52:35	1395	28.93	2.207
9/27/2004	14:07:35	1410	28.93	2.206
9/27/2004	14:22:35	1425	28.93	2.205
9/27/2004	14:37:35	1440	28.93	2.203
9/27/2004	14:52:35	1455	28.93	2.2
9/27/2004	15:07:35	1470	28.94	2.198
9/27/2004	15:22:35	1485	28.94	2.195
9/27/2004	15:37:35	1500	28.95	2.193
9/27/2004	15:52:35	1515	28.95	2.19
9/27/2004	16:07:35	1530	28.95	2.187
9/27/2004	16:22:35	1545	28.96	2.184
9/27/2004	16:37:35	1560	28.96	2.181
9/27/2004	16:52:35	1575	28.96	2.179
9/27/2004	17:07:35	1590	28.96	2.177
9/27/2004	17:22:35	1605	28.98	2.175
9/27/2004	17:37:35	1620	28.98	2.173
9/27/2004	17:52:35	1635	28.98	2.171
9/27/2004	18:07:35	1650	28.98	2.17
9/27/2004	18:22:35	1665	28.98	2.169
9/27/2004	18:37:35	1680	28.98	2.168
9/27/2004	18:52:35	1695	28.99	2.167
9/27/2004	19:07:35	1710	28.98	2.167
9/27/2004	19:22:35	1725	28.98	2.166
9/27/2004	19:37:35	1740	28.98	2.165
9/27/2004	19:52:35	1755	28.98	2.165

9/27/2004	20:07:35	1770	28.98	2.165
9/27/2004	20:22:35	1785	28.98	2.165
9/27/2004	20:37:35	1800	28.98	2.164
9/27/2004	20:52:35	1815	28.98	2.164
9/27/2004	21:07:35	1830	28.96	2.165
9/27/2004	21:22:35	1845	28.96	2.164
9/27/2004	21:37:35	1860	28.96	2.164
9/27/2004	21:52:35	1875	28.96	2.164
9/27/2004	22:07:35	1890	28.96	2.164
9/27/2004	22:22:35	1905	28.96	2.164
9/27/2004	22:37:35	1920	28.96	2.164
9/27/2004	22:52:35	1935	28.96	2.164
9/27/2004	23:07:35	1950	28.96	2.164
9/27/2004	23:22:35	1965	28.96	2.164
9/27/2004	23:37:35	1980	28.96	2.164
9/27/2004	23:52:35	1995	28.96	2.164
9/28/2004	0:07:35	2010	28.95	2.164
9/28/2004	0:22:35	2025	28.95	2.163
9/28/2004	0:37:35	2040	28.96	2.162
9/28/2004	0:52:35	2055	28.96	2.161
9/28/2004	1:07:35	2070	28.96	2.161
9/28/2004	1:22:35	2085	28.96	2.16
9/28/2004	1:37:35	2100	28.96	2.159
9/28/2004	1:52:35	2115	28.96	2.158
9/28/2004	2:07:35	2130	28.96	2.156
9/28/2004	2:22:35	2145	28.96	2.155
9/28/2004	2:37:35	2160	28.96	2.153
9/28/2004	2:52:35	2175	28.98	2.151
9/28/2004	3:07:35	2190	28.98	2.149
9/28/2004	3:22:35	2205	28.98	2.147
9/28/2004	3:37:35	2220	28.98	2.146
9/28/2004	3:52:35	2235	28.99	2.143
9/28/2004	4:07:35	2250	28.99	2.141
9/28/2004	4:22:35	2265	29	2.139
9/28/2004	4:37:35	2280	29	2.137
9/28/2004	4:52:35	2295	29	2.135
9/28/2004	5:07:35	2310	29	2.134
9/28/2004	5:22:35	2325	29	2.132
9/28/2004	5:37:35	2340	29	2.131
9/28/2004	5:52:35	2355	29.01	2.13
9/28/2004	6:07:35	2370	29.01	2.13
9/28/2004	6:22:35	2385	29.01	2.129
9/28/2004	6:37:35	2400	29.01	2.128
9/28/2004	6:52:35	2415	29	2.127
9/28/2004	7:07:35	2430	29	2.127
9/28/2004	7:22:35	2445	29	2.127
9/28/2004	7:37:35	2460	29	2.127
9/28/2004	7:52:35	2475	29	2.127
9/28/2004	8:07:35	2490	29	2.127
9/28/2004	8:22:35	2505	28.99	2.128
9/28/2004	8:37:35	2520	28.99	2.129
9/28/2004	8:52:35	2535	28.99	2.129

9/28/2004	9:07:35	2550	28.99	2.129
9/28/2004	9:22:35	2565	28.98	2.13
9/28/2004	9:37:35	2580	28.99	2.131
9/28/2004	9:52:35	2595	28.98	2.131
9/28/2004	10:07:35	2610	28.98	2.132
9/28/2004	10:22:35	2625	28.98	2.133
9/28/2004	10:37:35	2640	28.96	2.134
9/28/2004	10:52:35	2655	28.96	2.135
9/28/2004	11:07:35	2670	28.96	2.136
9/28/2004	11:22:35	2685	28.96	2.137
9/28/2004	11:37:35	2700	28.96	2.138
9/28/2004	11:52:35	2715	28.96	2.139
9/28/2004	12:07:35	2730	28.95	2.14
9/28/2004	12:22:35	2745	28.95	2.141
9/28/2004	12:37:35	2760	28.95	2.141
9/28/2004	12:52:35	2775	28.95	2.142
9/28/2004	13:07:35	2790	28.95	2.143
9/28/2004	13:22:35	2805	28.95	2.143
9/28/2004	13:37:35	2820	28.95	2.144
9/28/2004	13:52:35	2835	28.95	2.144
9/28/2004	14:07:35	2850	28.95	2.144
9/28/2004	14:22:35	2865	28.95	2.144
9/28/2004	14:37:35	2880	28.95	2.144
9/28/2004	14:52:35	2895	28.95	2.144
9/28/2004	15:07:35	2910	28.95	2.143
9/28/2004	15:22:35	2925	28.95	2.14
9/28/2004	15:37:35	2940	28.96	2.138
9/28/2004	15:52:35	2955	28.96	2.136
9/28/2004	16:07:35	2970	28.96	2.134
9/28/2004	16:22:35	2985	28.96	2.132
9/28/2004	16:37:35	3000	28.98	2.13
9/28/2004	16:52:35	3015	28.98	2.128
9/28/2004	17:07:35	3030	28.98	2.126
9/28/2004	17:22:35	3045	28.99	2.125
9/28/2004	17:37:35	3060	28.99	2.123
9/28/2004	17:52:35	3075	28.99	2.123
9/28/2004	18:07:35	3090	28.99	2.122
9/28/2004	18:22:35	3105	28.99	2.12
9/28/2004	18:37:35	3120	28.99	2.12
9/28/2004	18:52:35	3135	28.99	2.12
9/28/2004	19:07:35	3150	28.99	2.12
9/28/2004	19:22:35	3165	28.99	2.119
9/28/2004	19:37:35	3180	28.99	2.12
9/28/2004	19:52:35	3195	28.99	2.119
9/28/2004	20:07:35	3210	28.99	2.12
9/28/2004	20:22:35	3225	28.99	2.12
9/28/2004	20:37:35	3240	28.99	2.12
9/28/2004	20:52:35	3255	28.99	2.12
9/28/2004	21:07:35	3270	28.99	2.121
9/28/2004	21:22:35	3285	28.98	2.122
9/28/2004	21:37:35	3300	28.98	2.122
9/28/2004	21:52:35	3315	28.98	2.123

9/28/2004	22:07:35	3330	28.98	2.124
9/28/2004	22:22:35	3345	28.98	2.125
9/28/2004	22:37:35	3360	28.98	2.125
9/28/2004	22:52:35	3375	28.96	2.126
9/28/2004	23:07:35	3390	28.96	2.127
9/28/2004	23:22:35	3405	28.96	2.127
9/28/2004	23:37:35	3420	28.96	2.128
9/28/2004	23:52:35	3435	28.96	2.128
9/29/2004	0:07:35	3450	28.96	2.129
9/29/2004	0:22:35	3465	28.96	2.13
9/29/2004	0:37:35	3480	28.96	2.13
9/29/2004	0:52:35	3495	28.96	2.13
9/29/2004	1:07:35	3510	28.95	2.13
9/29/2004	1:22:35	3525	28.96	2.13
9/29/2004	1:37:35	3540	28.95	2.13
9/29/2004	1:52:35	3555	28.96	2.129
9/29/2004	2:07:35	3570	28.96	2.128
9/29/2004	2:22:35	3585	28.96	2.127
9/29/2004	2:37:35	3600	28.96	2.126
9/29/2004	2:52:35	3615	28.96	2.125
9/29/2004	3:07:35	3630	28.96	2.124
9/29/2004	3:22:35	3645	28.98	2.122
9/29/2004	3:37:35	3660	28.98	2.12
9/29/2004	3:52:35	3675	28.98	2.118
9/29/2004	4:07:35	3690	28.98	2.116
9/29/2004	4:22:35	3705	28.99	2.114
9/29/2004	4:37:35	3720	28.99	2.112
9/29/2004	4:52:35	3735	29	2.11
9/29/2004	5:07:35	3750	29	2.109
9/29/2004	5:22:35	3765	29	2.107
9/29/2004	5:37:35	3780	29	2.106
9/29/2004	5:52:35	3795	29	2.104
9/29/2004	6:07:35	3810	29	2.104
9/29/2004	6:22:35	3825	29.01	2.103
9/29/2004	6:37:35	3840	29.01	2.101
9/29/2004	6:52:35	3855	29.01	2.101
9/29/2004	7:07:35	3870	29.01	2.1
9/29/2004	7:22:35	3885	29.01	2.1
9/29/2004	7:37:35	3900	29.01	2.099
9/29/2004	7:52:35	3915	29.01	2.1
9/29/2004	8:07:35	3930	29.01	2.099
9/29/2004	8:22:35	3945	29	2.1
9/29/2004	8:37:35	3960	29	2.1
9/29/2004	8:52:35	3975	29	2.1

In-Situ Inc. MiniTroll Pro

Report generated: 11/2/2000 15:35:17
Report from file: C:\Win-Situ\Data\SN00842 2004-09-26 142936 Test #1.bin
DataMgr Version 3.71

Serial number: 842
Firmware Version 3.09
Unit name:

Test name: MW-27

Test defined on: 9/24/2004 15:20:42
Test started on: 9/26/2004 14:29:36
Test stopped on: 9/29/2004 8:56:09
Test extracted on: N/A

Data gathered using Linear testing
Time between data points: Minutes.
Number of data samples: 266

TOTAL DATA SAMPLES 266

Channel number [1]
Measurement type: Temperature
Channel name:

Channel number [2]
Measurement type: Pressure
Channel name:
Sensor Range: 30 PSI.
Specific gravity: 1

	Date	Time	ET (min)	Chan[1] Celsius	Chan[2] Meters H2O
	9/26/2004	14:29:36	0	28.23	2.548
	9/26/2004	14:44:36	15	28.2	2.547
	9/26/2004	14:59:36	30	28.19	2.544
	9/26/2004	15:14:36	45	28.19	2.542
	9/26/2004	15:29:36	60	28.18	2.539
	9/26/2004	15:44:36	75	28.18	2.538
	9/26/2004	15:59:36	90	28.17	2.535
	9/26/2004	16:14:36	105	28.17	2.532
	9/26/2004	16:29:36	120	28.17	2.531
	9/26/2004	16:44:36	135	28.17	2.529
	9/26/2004	16:59:36	150	28.17	2.529
	9/26/2004	17:14:36	165	28.17	2.534
	9/26/2004	17:29:36	180	28.17	2.541
	9/26/2004	17:44:36	195	28.17	2.542

9/26/2004	17:59:36	210	28.17	2.54
9/26/2004	18:14:36	225	28.17	2.538
9/26/2004	18:29:36	240	28.17	2.536
9/26/2004	18:44:36	255	28.17	2.534
9/26/2004	18:59:36	270	28.17	2.532
9/26/2004	19:14:36	285	28.17	2.53
9/26/2004	19:29:36	300	28.17	2.529
9/26/2004	19:44:36	315	28.17	2.528
9/26/2004	19:59:36	330	28.17	2.527
9/26/2004	20:14:36	345	28.17	2.526
9/26/2004	20:29:36	360	28.17	2.524
9/26/2004	20:44:36	375	28.17	2.524
9/26/2004	20:59:36	390	28.17	2.523
9/26/2004	21:14:36	405	28.17	2.522
9/26/2004	21:29:36	420	28.17	2.521
9/26/2004	21:44:36	435	28.17	2.519
9/26/2004	21:59:36	450	28.17	2.519
9/26/2004	22:14:36	465	28.17	2.518
9/26/2004	22:29:36	480	28.17	2.517
9/26/2004	22:44:36	495	28.17	2.516
9/26/2004	22:59:36	510	28.17	2.517
9/26/2004	23:14:36	525	28.17	2.514
9/26/2004	23:29:36	540	28.17	2.514
9/26/2004	23:44:36	555	28.17	2.512
9/26/2004	23:59:36	570	28.15	2.512
9/27/2004	0:14:36	585	28.17	2.512
9/27/2004	0:29:36	600	28.17	2.51
9/27/2004	0:44:36	615	28.17	2.51
9/27/2004	0:59:36	630	28.15	2.509
9/27/2004	1:14:36	645	28.17	2.508
9/27/2004	1:29:36	660	28.17	2.507
9/27/2004	1:44:36	675	28.17	2.506
9/27/2004	1:59:36	690	28.17	2.505
9/27/2004	2:14:36	705	28.17	2.505
9/27/2004	2:29:36	720	28.17	2.503
9/27/2004	2:44:36	735	28.17	2.501
9/27/2004	2:59:36	750	28.17	2.5
9/27/2004	3:14:36	765	28.15	2.499
9/27/2004	3:29:36	780	28.17	2.498
9/27/2004	3:44:36	795	28.17	2.497
9/27/2004	3:59:36	810	28.17	2.495
9/27/2004	4:14:36	825	28.17	2.494
9/27/2004	4:29:36	840	28.17	2.495
9/27/2004	4:44:36	855	28.17	2.492
9/27/2004	4:59:36	870	28.17	2.49
9/27/2004	5:14:36	885	28.17	2.49
9/27/2004	5:29:36	900	28.17	2.489
9/27/2004	5:44:36	915	28.17	2.489
9/27/2004	5:59:36	930	28.17	2.49
9/27/2004	6:14:36	945	28.17	2.486
9/27/2004	6:29:36	960	28.17	2.485
9/27/2004	6:44:36	975	28.17	2.485

9/27/2004	6:59:36	990	28.17	2.485
9/27/2004	7:14:36	1005	28.17	2.484
9/27/2004	7:29:36	1020	28.17	2.484
9/27/2004	7:44:36	1035	28.17	2.485
9/27/2004	7:59:36	1050	28.15	2.484
9/27/2004	8:14:36	1065	28.17	2.484
9/27/2004	8:29:36	1080	28.17	2.484
9/27/2004	8:44:36	1095	28.17	2.484
9/27/2004	8:59:36	1110	28.17	2.484
9/27/2004	9:14:36	1125	28.17	2.485
9/27/2004	9:29:36	1140	28.17	2.486
9/27/2004	9:44:36	1155	28.17	2.487
9/27/2004	9:59:36	1170	28.17	2.487
9/27/2004	10:14:36	1185	28.17	2.487
9/27/2004	10:29:36	1200	28.15	2.489
9/27/2004	10:44:36	1215	28.17	2.489
9/27/2004	10:59:36	1230	28.17	2.49
9/27/2004	11:14:36	1245	28.17	2.492
9/27/2004	11:29:36	1260	28.17	2.492
9/27/2004	11:44:36	1275	28.17	2.493
9/27/2004	11:59:36	1290	28.17	2.494
9/27/2004	12:14:36	1305	28.17	2.495
9/27/2004	12:29:36	1320	28.17	2.496
9/27/2004	12:44:36	1335	28.17	2.497
9/27/2004	12:59:36	1350	28.17	2.499
9/27/2004	13:14:36	1365	28.17	2.501
9/27/2004	13:29:36	1380	28.17	2.5
9/27/2004	13:44:36	1395	28.17	2.501
9/27/2004	13:59:36	1410	28.17	2.502
9/27/2004	14:14:36	1425	28.15	2.504
9/27/2004	14:29:36	1440	28.17	2.5
9/27/2004	14:44:36	1455	28.17	2.501
9/27/2004	14:59:36	1470	28.15	2.499
9/27/2004	15:14:36	1485	28.15	2.497
9/27/2004	15:29:36	1500	28.15	2.496
9/27/2004	15:44:36	1515	28.17	2.494
9/27/2004	15:59:36	1530	28.17	2.492
9/27/2004	16:14:36	1545	28.17	2.491
9/27/2004	16:29:36	1560	28.15	2.489
9/27/2004	16:44:36	1575	28.17	2.487
9/27/2004	16:59:36	1590	28.17	2.485
9/27/2004	17:14:36	1605	28.17	2.485
9/27/2004	17:29:36	1620	28.17	2.484
9/27/2004	17:44:36	1635	28.17	2.481
9/27/2004	17:59:36	1650	28.15	2.48
9/27/2004	18:14:36	1665	28.17	2.479
9/27/2004	18:29:36	1680	28.17	2.478
9/27/2004	18:44:36	1695	28.17	2.48
9/27/2004	18:59:36	1710	28.17	2.477
9/27/2004	19:14:36	1725	28.17	2.476
9/27/2004	19:29:36	1740	28.17	2.476
9/27/2004	19:44:36	1755	28.17	2.476

9/27/2004	19:59:36	1770	28.17	2.475
9/27/2004	20:14:36	1785	28.17	2.474
9/27/2004	20:29:36	1800	28.17	2.474
9/27/2004	20:44:36	1815	28.17	2.473
9/27/2004	20:59:36	1830	28.17	2.472
9/27/2004	21:14:36	1845	28.17	2.472
9/27/2004	21:29:36	1860	28.17	2.472
9/27/2004	21:44:36	1875	28.17	2.472
9/27/2004	21:59:36	1890	28.17	2.471
9/27/2004	22:14:36	1905	28.17	2.473
9/27/2004	22:29:36	1920	28.17	2.47
9/27/2004	22:44:36	1935	28.17	2.47
9/27/2004	22:59:36	1950	28.17	2.47
9/27/2004	23:14:36	1965	28.17	2.47
9/27/2004	23:29:36	1980	28.17	2.47
9/27/2004	23:44:36	1995	28.15	2.47
9/27/2004	23:59:36	2010	28.17	2.47
9/28/2004	0:14:36	2025	28.17	2.468
9/28/2004	0:29:36	2040	28.17	2.468
9/28/2004	0:44:36	2055	28.15	2.468
9/28/2004	0:59:36	2070	28.17	2.471
9/28/2004	1:14:36	2085	28.17	2.467
9/28/2004	1:29:36	2100	28.15	2.469
9/28/2004	1:44:36	2115	28.17	2.467
9/28/2004	1:59:36	2130	28.15	2.465
9/28/2004	2:14:36	2145	28.15	2.465
9/28/2004	2:29:36	2160	28.17	2.463
9/28/2004	2:44:36	2175	28.15	2.463
9/28/2004	2:59:36	2190	28.15	2.462
9/28/2004	3:14:36	2205	28.17	2.46
9/28/2004	3:29:36	2220	28.17	2.46
9/28/2004	3:44:36	2235	28.17	2.458
9/28/2004	3:59:36	2250	28.17	2.458
9/28/2004	4:14:36	2265	28.17	2.456
9/28/2004	4:29:36	2280	28.17	2.455
9/28/2004	4:44:36	2295	28.17	2.452
9/28/2004	4:59:36	2310	28.17	2.452
9/28/2004	5:14:36	2325	28.17	2.45
9/28/2004	5:29:36	2340	28.15	2.449
9/28/2004	5:44:36	2355	28.17	2.448
9/28/2004	5:59:36	2370	28.17	2.447
9/28/2004	6:14:36	2385	28.17	2.446
9/28/2004	6:29:36	2400	28.17	2.445
9/28/2004	6:44:36	2415	28.17	2.444
9/28/2004	6:59:36	2430	28.17	2.444
9/28/2004	7:14:36	2445	28.17	2.442
9/28/2004	7:29:36	2460	28.17	2.442
9/28/2004	7:44:36	2475	28.17	2.442
9/28/2004	7:59:36	2490	28.17	2.441
9/28/2004	8:14:36	2505	28.17	2.441
9/28/2004	8:29:36	2520	28.17	2.441
9/28/2004	8:44:36	2535	28.17	2.44

9/28/2004	8:59:36	2550	28.17	2.442
9/28/2004	9:14:36	2565	28.17	2.44
9/28/2004	9:29:36	2580	28.15	2.44
9/28/2004	9:44:36	2595	28.17	2.44
9/28/2004	9:59:36	2610	28.17	2.44
9/28/2004	10:14:36	2625	28.17	2.439
9/28/2004	10:29:36	2640	28.17	2.44
9/28/2004	10:44:36	2655	28.17	2.44
9/28/2004	10:59:36	2670	28.17	2.44
9/28/2004	11:14:36	2685	28.17	2.441
9/28/2004	11:29:36	2700	28.17	2.44
9/28/2004	11:44:36	2715	28.17	2.441
9/28/2004	11:59:36	2730	28.17	2.441
9/28/2004	12:14:36	2745	28.17	2.44
9/28/2004	12:29:36	2760	28.17	2.441
9/28/2004	12:44:36	2775	28.17	2.441
9/28/2004	12:59:36	2790	28.17	2.442
9/28/2004	13:14:36	2805	28.15	2.442
9/28/2004	13:29:36	2820	28.15	2.443
9/28/2004	13:44:36	2835	28.15	2.442
9/28/2004	13:59:36	2850	28.17	2.442
9/28/2004	14:14:36	2865	28.17	2.442
9/28/2004	14:29:36	2880	28.15	2.443
9/28/2004	14:44:36	2895	28.17	2.443
9/28/2004	14:59:36	2910	28.17	2.441
9/28/2004	15:14:36	2925	28.15	2.442
9/28/2004	15:29:36	2940	28.17	2.44
9/28/2004	15:44:36	2955	28.17	2.439
9/28/2004	15:59:36	2970	28.17	2.438
9/28/2004	16:14:36	2985	28.17	2.436
9/28/2004	16:29:36	3000	28.17	2.435
9/28/2004	16:44:36	3015	28.17	2.434
9/28/2004	16:59:36	3030	28.17	2.433
9/28/2004	17:14:36	3045	28.17	2.431
9/28/2004	17:29:36	3060	28.15	2.431
9/28/2004	17:44:36	3075	28.17	2.43
9/28/2004	17:59:36	3090	28.17	2.429
9/28/2004	18:14:36	3105	28.17	2.428
9/28/2004	18:29:36	3120	28.17	2.427
9/28/2004	18:44:36	3135	28.17	2.428
9/28/2004	18:59:36	3150	28.17	2.425
9/28/2004	19:14:36	3165	28.17	2.425
9/28/2004	19:29:36	3180	28.17	2.425
9/28/2004	19:44:36	3195	28.17	2.425
9/28/2004	19:59:36	3210	28.17	2.425
9/28/2004	20:14:36	3225	28.17	2.425
9/28/2004	20:29:36	3240	28.17	2.424
9/28/2004	20:44:36	3255	28.17	2.422
9/28/2004	20:59:36	3270	28.17	2.421
9/28/2004	21:14:36	3285	28.17	2.421
9/28/2004	21:29:36	3300	28.17	2.421
9/28/2004	21:44:36	3315	28.17	2.422

9/28/2004	21:59:36	3330	28.17	2.421
9/28/2004	22:14:36	3345	28.17	2.421
9/28/2004	22:29:36	3360	28.17	2.421
9/28/2004	22:44:36	3375	28.17	2.422
9/28/2004	22:59:36	3390	28.17	2.421
9/28/2004	23:14:36	3405	28.17	2.421
9/28/2004	23:29:36	3420	28.17	2.422
9/28/2004	23:44:36	3435	28.17	2.422
9/28/2004	23:59:36	3450	28.17	2.422
9/29/2004	0:14:36	3465	28.17	2.422
9/29/2004	0:29:36	3480	28.17	2.423
9/29/2004	0:44:36	3495	28.17	2.423
9/29/2004	0:59:36	3510	28.17	2.423
9/29/2004	1:14:36	3525	28.17	2.423
9/29/2004	1:29:36	3540	28.17	2.422
9/29/2004	1:44:36	3555	28.17	2.422
9/29/2004	1:59:36	3570	28.17	2.422
9/29/2004	2:14:36	3585	28.17	2.421
9/29/2004	2:29:36	3600	28.17	2.421
9/29/2004	2:44:36	3615	28.17	2.421
9/29/2004	2:59:36	3630	28.17	2.421
9/29/2004	3:14:36	3645	28.17	2.419
9/29/2004	3:29:36	3660	28.17	2.419
9/29/2004	3:44:36	3675	28.17	2.42
9/29/2004	3:59:36	3690	28.17	2.418
9/29/2004	4:14:36	3705	28.17	2.416
9/29/2004	4:29:36	3720	28.17	2.415
9/29/2004	4:44:36	3735	28.17	2.414
9/29/2004	4:59:36	3750	28.17	2.413
9/29/2004	5:14:36	3765	28.17	2.411
9/29/2004	5:29:36	3780	28.17	2.41
9/29/2004	5:44:36	3795	28.15	2.41
9/29/2004	5:59:36	3810	28.17	2.409
9/29/2004	6:14:36	3825	28.17	2.412
9/29/2004	6:29:36	3840	28.17	2.407
9/29/2004	6:44:36	3855	28.17	2.405
9/29/2004	6:59:36	3870	28.17	2.405
9/29/2004	7:14:36	3885	28.17	2.404
9/29/2004	7:29:36	3900	28.17	2.403
9/29/2004	7:44:36	3915	28.17	2.403
9/29/2004	7:59:36	3930	28.17	2.403
9/29/2004	8:14:36	3945	28.17	2.402
9/29/2004	8:29:36	3960	28.17	2.401
9/29/2004	8:44:36	3975	28.17	2.401

APPENDIX E

SLUG TEST DATA

Aquifer Parameter Calculations

Hydraulic gradient

Water table elevations were plotted on a map of the site. A water table contour map was drawn with flow lines (depicting groundwater flow direction) perpendicular to the groundwater elevation contours. The groundwater hydraulic gradient was calculated by subtracting the differences in groundwater elevation (in feet) between two points on the map and dividing the elevation difference by the distance between the two points to obtain a resulting gradient in feet per foot (ft/ft). Water elevation data collected on October 18 and December 4, 1993, were used to calculate hydraulic gradients at the site. For each date, three traverses were made perpendicular to equipotential contour lines to calculate an average site hydraulic gradient. For each traverse, the hydraulic gradient was calculated as follows:

$$i = (h_1 - h_2) / d \qquad (1)$$

where

i = hydraulic gradient (ft/ft),
h_1 = water table elevation, upgradient (feet),
h_2 = water table elevation, downgradient (feet), and
d = horizontal distance (feet) between h_1 and h_2 along a flow line.

Hydraulic gradients calculated in this manner varied from 1.04×10^{-3} ft/ft to 2.04×10^{-3} ft/ft. The average hydraulic gradient at the site was calculated to be 1.52×10^{-3} ft/ft.

Hydraulic conductivity

Hydraulic conductivity (K) from slug test data was calculated following the methods of Bouwer and Rice (1976) and Bouwer (1989) for partially penetrating wells screened in unconfined aquifers. The following well information was needed to assess the hydraulic conductivity:

- radius of well casing (r_c),
- r_w = radius of borehole (r_c plus radius of the sand pack surrounding the well screen),
- length of screened interval below the water table (L_e),
- effective well radius (r_e),
- depth of well below the water table (L_w),
- depth to confining unit or bottom of aquifer below the static water table (H), and
- plot of time versus the logarithm of y, where y is the difference between the static water level outside the well and the water level inside the well.

Figure D-1 is a well diagram depicting most of the aquifer and well parameters. Calculations were made assuming that $L_w < H$. K was calculated as follows:

$$K = [R_c^2 \ln(\frac{r_e}{r_w}) - 2L_e] \; [\frac{1}{t} \ln(\frac{y_o}{y_t})] \qquad (2)$$

where

y_0 = y at time zero, and
y_t = y at time t.

The effective well radius, r_e, and the term $[(1/t)\ln(y_0/y_t)]$ were derived by using the computer program AQTESOLV™ (Geraghty & Miller, Inc., 1989). This computer program follows procedures and assumptions outlined by Bouwer (1989).

Slug test graphs are attached at the end of this appendix. Values of y were calculated for a particular time, t, and plotted on the graph. The computer program selects a "best-fit" line through the data points by linear regression along a "straight-line" portion of the graph. The slope of the "best-fit" line is used to calculate the hydraulic conductivity, K.

Three slug tests each were performed inside monitoring wells MW-4 and MW-6. K is reported in feet per minute (ft/min) on the slug test graphs, and was recalculated to feet per day (ft/day). K was found to vary from 4.3×10^{-1} ft/day to 1.36 ft/day with an average K of 9.5×10^{-1} ft/day.

Average pore water velocity

Estimates of average pore water velocity were obtained using the following formula:

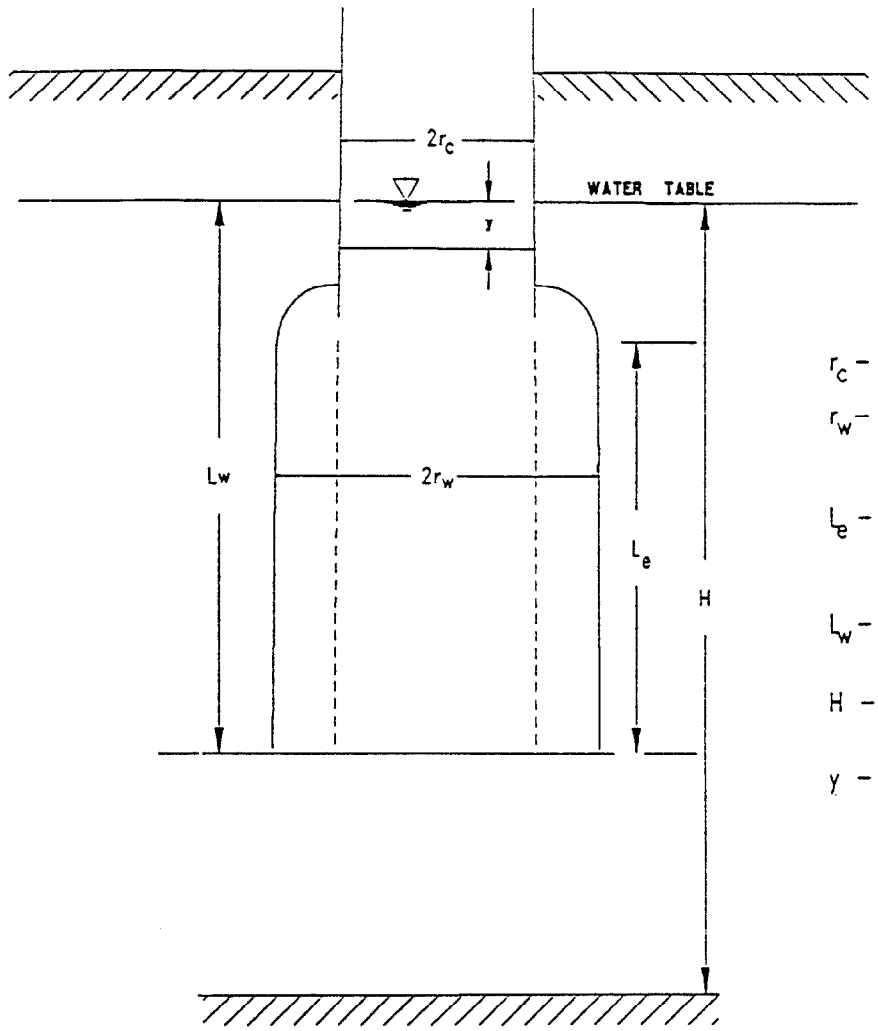
$$V = (K*I)/n \qquad (3)$$

where

V = seepage velocity in ft/day,
K = hydraulic conductivity in ft/day,
i = hydraulic gradient, and
n = estimated porosity.

Assuming an estimated porosity of 30% for weathered to oolitic limestone (Davis and Dewiest, 1966), an average hydraulic gradient of 1.52×10^{-3} ft/ft, and an average hydraulic conductivity of 9.4×10^{-1} ft/day, the average pore water velocity is calculated as follows:

$$V = (9.4 \times 10^{-1} \text{ ft/day} * 1.52 \times 10^{-3} \text{ ft/ft}) / 0.30$$
$$V = 4.8 \times 10^{-3} \text{ ft/day}$$



r_c – Radius of well

r_w – Radius of well + total thickness of the sand/gravel pack

L_e – Length of screened interval below the water table

L_w – Depth of well below water table

H – Depth to confining unit below the water table

y – Difference between static water level outside well and water level inside well

FIGURE D-1
DEFINITIONS OF SLUG TEST PARAMETERS (From Bouwer, 1989)

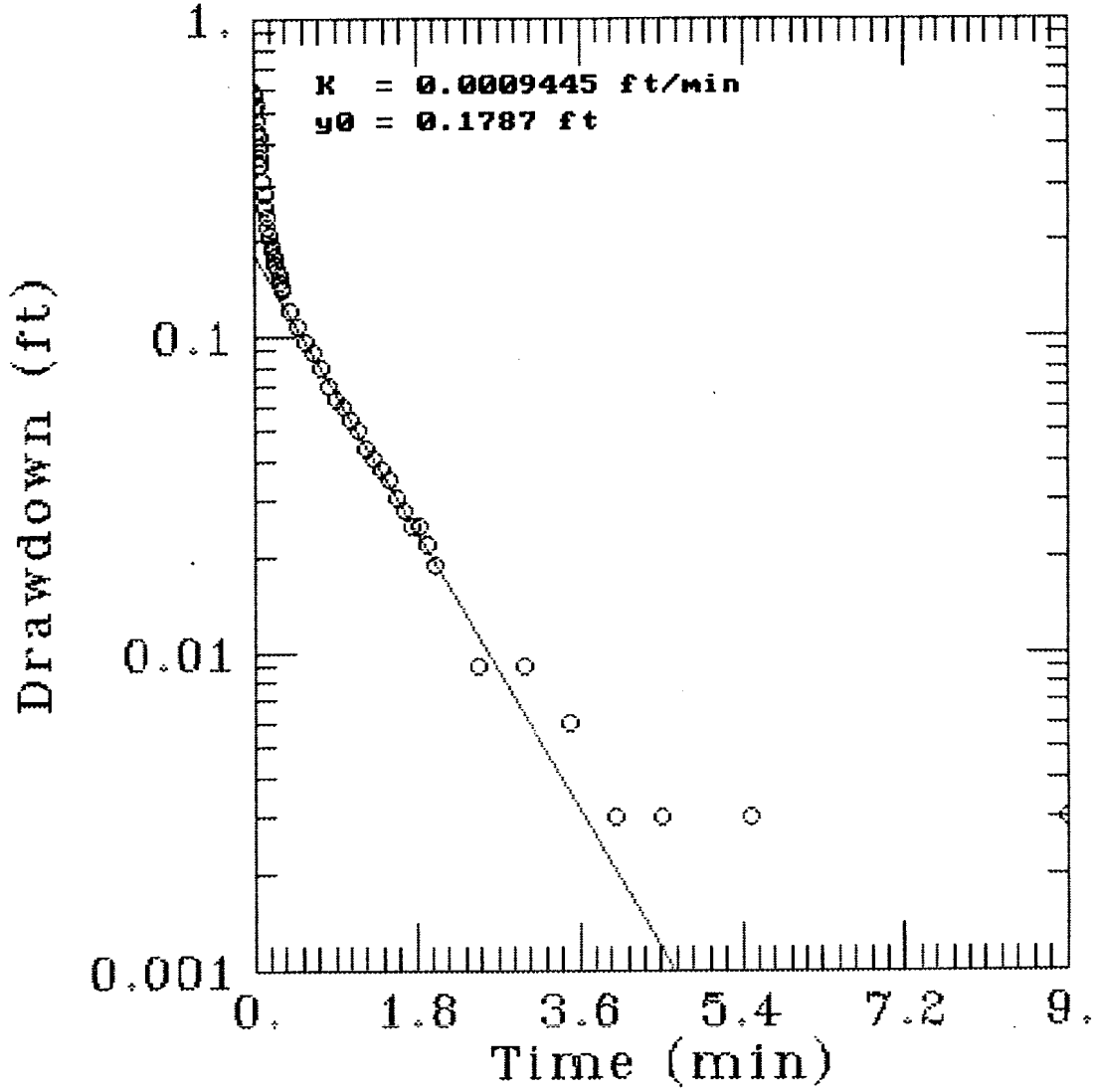
CONTAMINATION ASSESSMENT REPORT
FLYING CLUB SITE,
BUILDING A-127
NAS KEY WEST,
KEY WEST, FLORIDA

8509-40 940131WEM

FlyClub.CAR
FGB.01.94

SLUG TEST GRAPHS

KYW-127-MW4 RUN#1



AQTESOLV

GERAGHTY & MILLER, INC.

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TEST DESCRIPTION

Data set........... A:127MW4R1.set
Data set title..... KYW-127-MW4 RUN#1

Knowns and Constants:
No. of data points.................. 52
Radius of well casing............... 0.083
Radius of well...................... 0.334
Aquifer saturated thickness......... 8.42
Well screen length.................. 10
Static height of water in well...... 8.42
Log(Re/Rw).......................... 2.46
A, B, C............................. 0.000, 0.000, 1.967

==

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

==

RESULTS FROM STATISTICAL CURVE MATCHING

STATISTICAL MATCH PARAMETER ESTIMATES

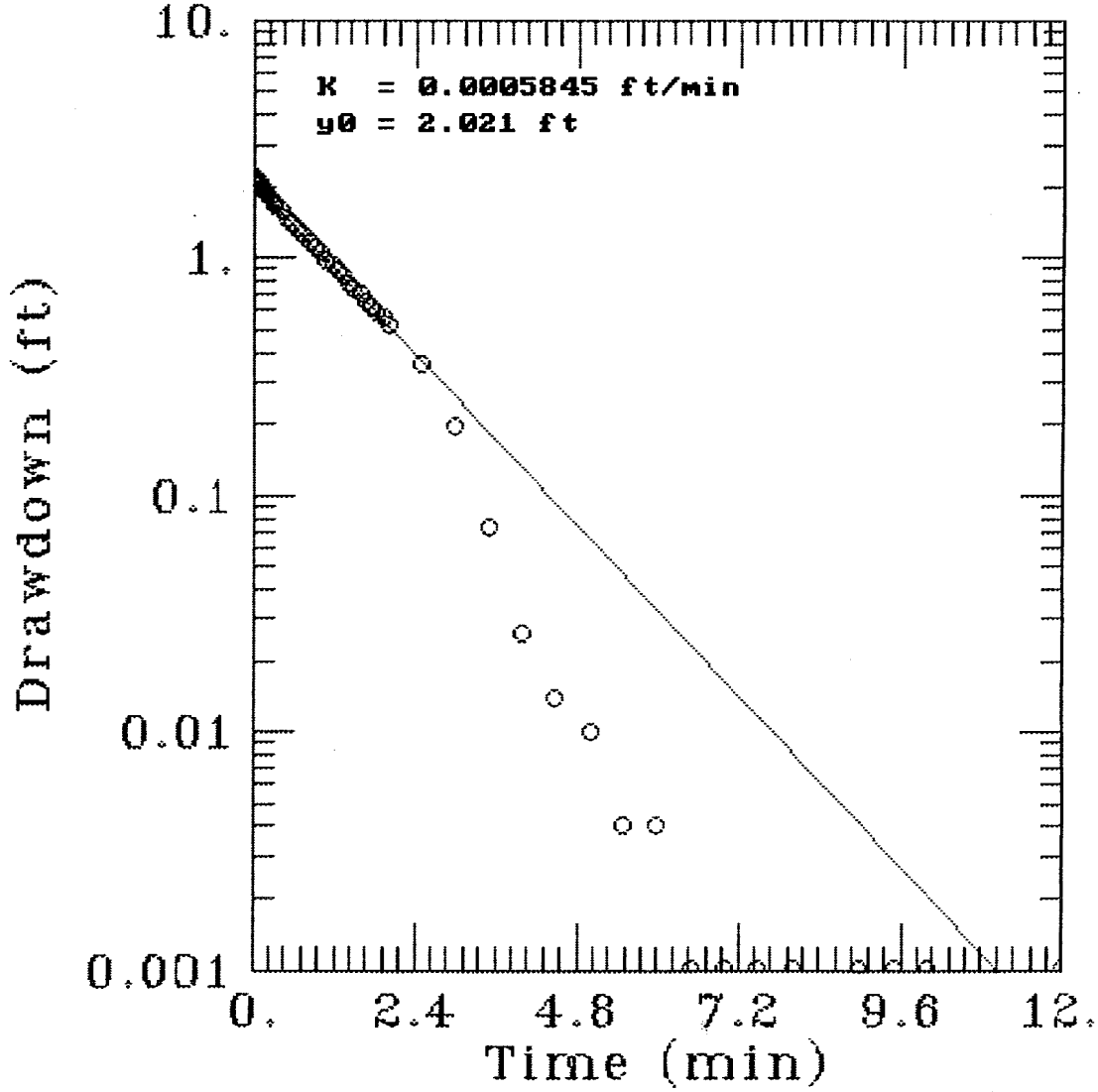
	Estimate		Std. Error
K =	4.1886E-003	+/-	2.5288E-004
y0 =	5.7347E-001	+/-	1.7655E-002

ANALYSIS OF MODEL RESIDUALS

residual = calculated - observed
weighted residual = residual * weight

Weighted Residual Statistics:
Number of residuals............... 52
Number of estimated parameters.... 2
Degrees of freedom................ 50
Residual mean..................... 0.01597
Residual standard deviation....... 0.03629

KYW-127-MW4 RUN#2



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TEST DESCRIPTION

Data set........... A:127MW4R2.SET
Data set title..... KYW-127-MW4 RUN#2

Knowns and Constants:
No. of data points.................. 61
Radius of well casing............... 0.083
Radius of well...................... 0.334
Aquifer saturated thickness......... 8.42
Well screen length.................. 10
Static height of water in well...... 8.42
Log(Re/Rw).......................... 2.46
A, B, C............................. 0.000, 0.000, 1.967

==

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

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RESULTS FROM VISUAL CURVE MATCHING

VISUAL MATCH PARAMETER ESTIMATES

	Estimate
K =	7.4795E-004
y0 =	2.1809E+000

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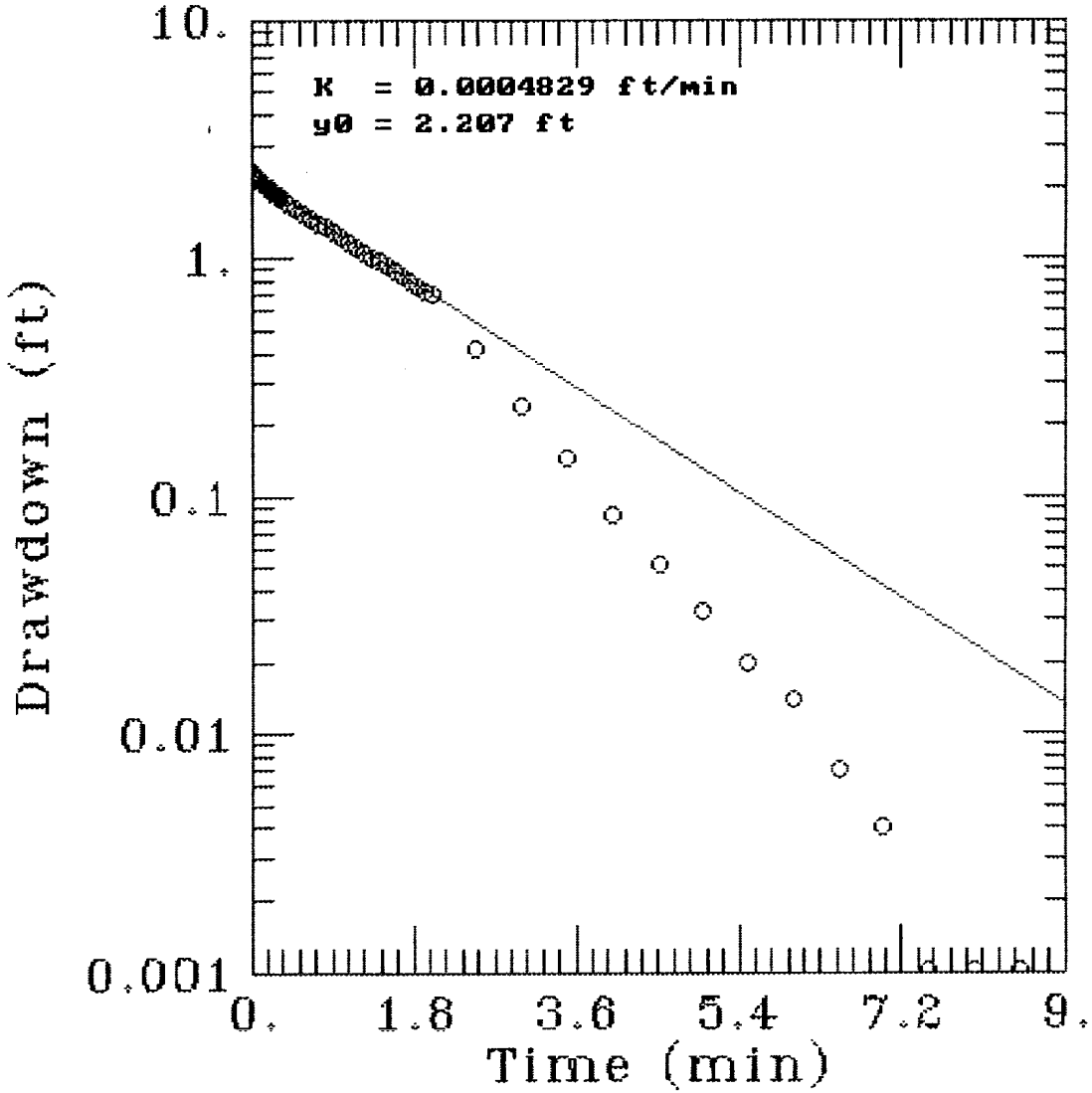
TYPE CURVE DATA

K = 5.84489E-004
y0 = 2.02064E+000

Time	Drawdown	Time	Drawdown	Time	Drawdown
0.000E+000	2.021E+000	1.200E+001	5.132E-004		

KYW-127-MW4 RUN#3



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TEST DESCRIPTION

Data set........... A:127MW4R3.SET
Data set title..... KYW-127-MW4 RUN#3

Knowns and Constants:
- No. of data points.................. 58
- Radius of well casing............... 0.083
- Radius of well...................... 0.334
- Aquifer saturated thickness......... 8.42
- Well screen length.................. 10
- Static height of water in well...... 8.42
- Log(Re/Rw)......................... 2.46
- A, B, C............................. 0.000, 0.000, 1.967

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

RESULTS FROM VISUAL CURVE MATCHING

VISUAL MATCH PARAMETER ESTIMATES

	Estimate
K =	7.8092E-004
y0 =	2.1809E+000

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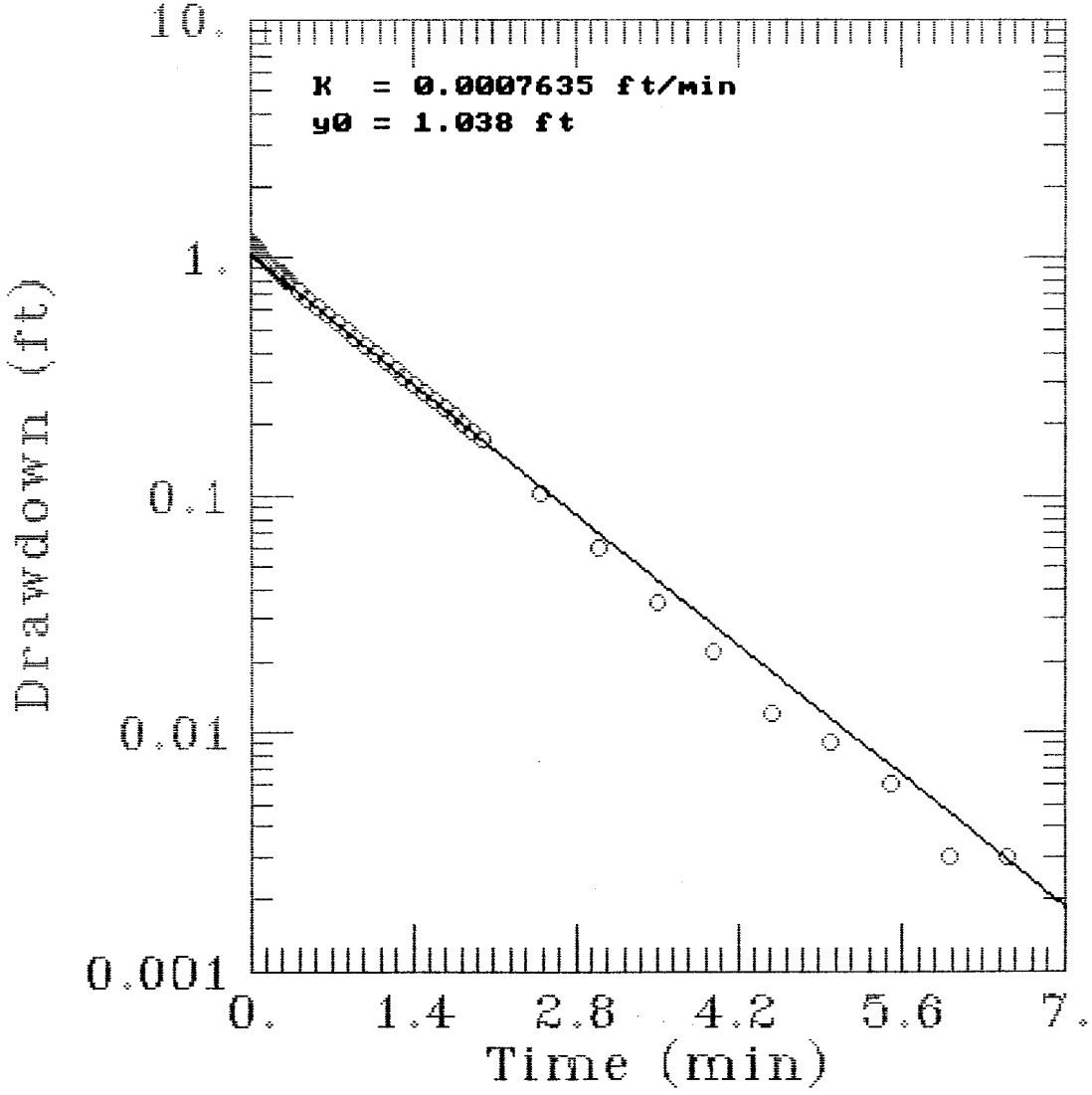
TYPE CURVE DATA

K = 4.82879E-004
y0 = 2.20746E+000

Time	Drawdown	Time	Drawdown	Time	Drawdown
0.000E+000	2.207E+000	9.000E+000	1.307E-002		

KYW-127-MW6 RUN#1



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TEST DESCRIPTION

Data set........... A:127MW6R1.SET
Data set title..... KYW-127-MW6 RUN#1

Knowns and Constants:
No. of data points.................... 54
Radius of well casing................. 0.083
Radius of well........................ 0.334
Aquifer saturated thickness........... 8.29
Well screen length.................... 10
Static height of water in well........ 8.29
Log(Re/Rw)............................ 2.45
A, B, C............................... 0.000, 0.000, 1.967

==

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

==

RESULTS FROM VISUAL CURVE MATCHING

VISUAL MATCH PARAMETER ESTIMATES

	Estimate
K =	8.1230E-004
y0 =	0.0000E+000

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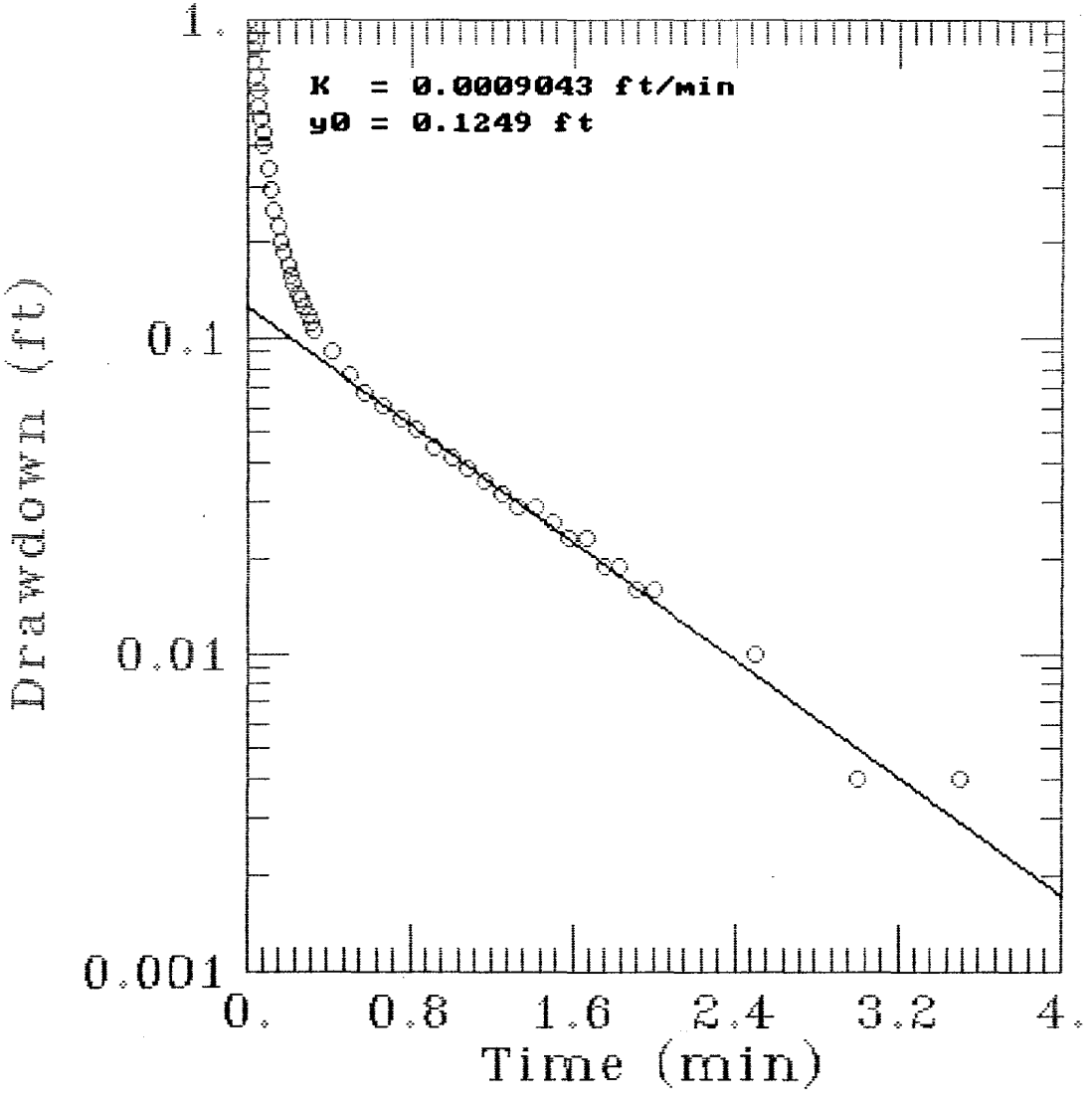
TYPE CURVE DATA

K = 7.63452E-004
y0 = 1.03850E+000

Time	Drawdown	Time	Drawdown	Time	Drawdown
0.000E+000	1.038E+000	7.000E+000	1.845E-003		

KYW-127-MW6 RUN#2



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TEST DESCRIPTION

Data set........... A:127MW6R2.SET
Data set title..... KYW-127-MW6 RUN#2

Knowns and Constants:
- No. of data points.................... 48
- Radius of well casing................. 0.083
- Radius of well........................ 0.334
- Aquifer saturated thickness........... 8.29
- Well screen length.................... 10
- Static height of water in well........ 8.29
- Log(Re/Rw)............................ 2.45
- A, B, C............................... 0.000, 0.000, 1.967

===

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

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RESULTS FROM VISUAL CURVE MATCHING

VISUAL MATCH PARAMETER ESTIMATES

	Estimate
K =	1.3017E-003
y0 =	-7.7451E+304

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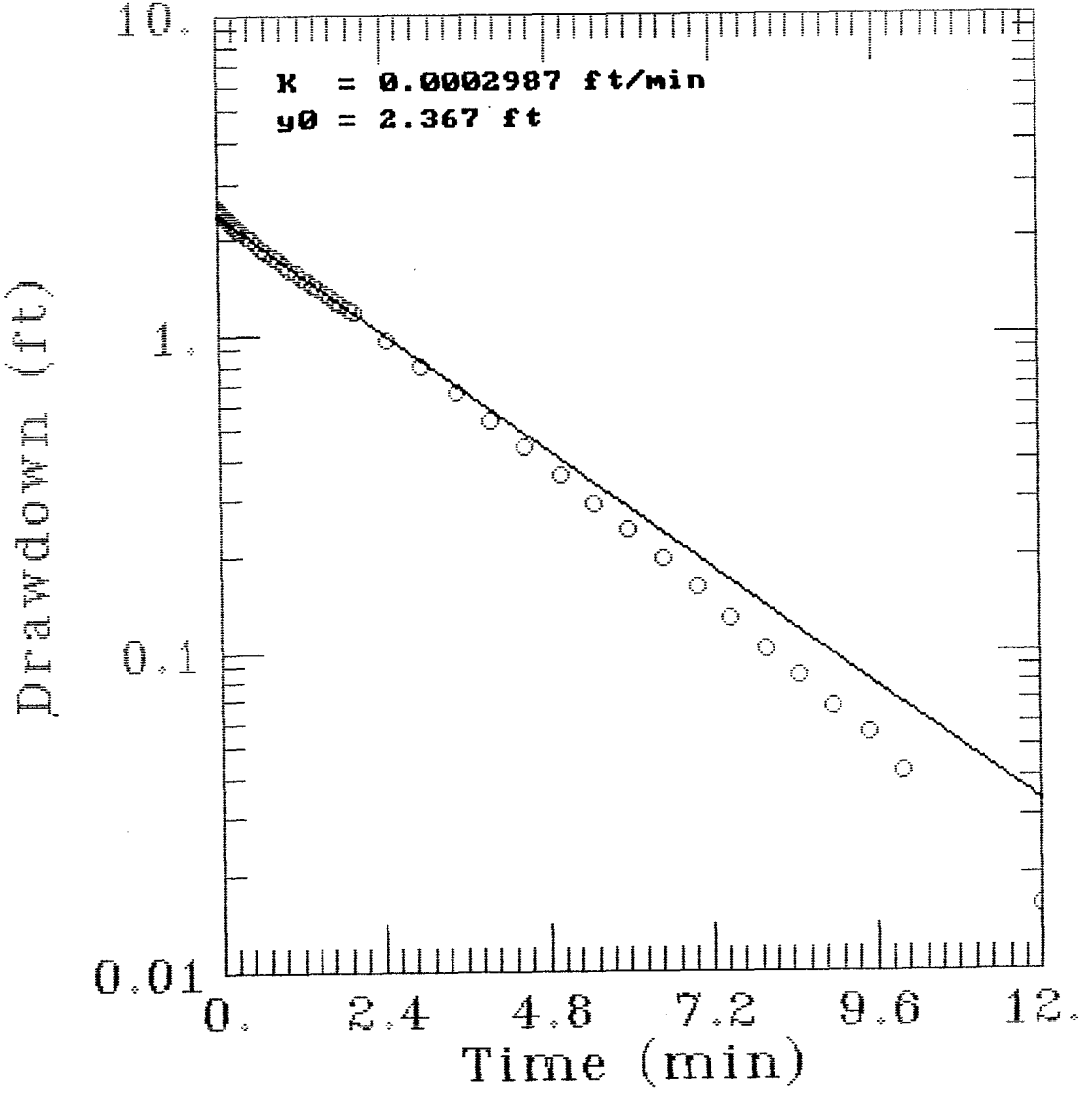
TYPE CURVE DATA

K = 9.04312E-004
y0 = 1.24902E-001

Time	Drawdown	Time	Drawdown	Time	Drawdown
0.000E+000	1.249E-001	4.000E+000	1.717E-003		

KYW-127-MW6 RUN#3



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Version 1.10

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TEST DESCRIPTION

Data set........... A:127MW6R3.SET
Data set title..... KYW-127-MW6 RUN#3

Knowns and Constants:

No. of data points.................. 62
Radius of well casing............... 0.083
Radius of well...................... 0.334
Aquifer saturated thickness......... 8.29
Well screen length.................. 10
Static height of water in well...... 8.29
Log(Re/Rw).......................... 2.45
A, B, C............................. 0.000, 0.000, 1.967

ANALYTICAL METHOD

Bouwer-Rice (Unconfined Aquifer Slug Test)

RESULTS FROM VISUAL CURVE MATCHING

VISUAL MATCH PARAMETER ESTIMATES

	Estimate
K =	3.3873E-004
y0 =	-7.7451E+304

<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<<>>>

TYPE CURVE DATA

K = 2.98722E-004
y0 = 2.36728E+000

Time	Drawdown	Time	Drawdown	Time	Drawdown
0.000E+000	2.367E+000	1.200E+001	3.383E-002		